

November 8, 2021

Mr. Matthew Hubicki  
Project Manager, Remedial Bureau C  
Division of Environmental Remediation  
New York State Department of Environmental Conservation (NYSDEC)  
625 Broadway  
Albany, NY 12233-7014

Re: NYSDEC Site No. 360174  
October-November 2021 Monthly Progress Report  
Implementation of Interim Remedial Measure (IRM)  
Westchester County Airport, 240 Airport Road  
White Plains, New York 10604

### **Actions Taken/Accomplishments (October 2021)**

A summary of progress and completion percentage is provided below as well as in Appendix A.

1. Continue coordination with the Airport to facilitate the OF-7 storm sewer abandonment and reconstruction.
2. Continue air monitoring associated with OF-7 storm sewer abandonment and reconstruction. The collected data is attached in Appendix B. No elevated air particulates were encountered in October that required a work stoppage or wetting surfaces to reduce dust levels. Excursions were recorded on October 20 and 21 which were due to airport operations rather than construction activities. A battery issue that was originally traced to an unplugged extension cord in the second week of the month was determined to be due to the battery failing internally. The battery was replaced and a back-up battery was obtained to permit rapid changing if this problem is encountered again. No dust monitoring occurred on October 26 due to heavy rain or on October 29 because of no intrusive activities occurring.
3. Phase I construction is estimated at 95 percent completion with 4,200 linear feet installed.
4. Operation of the treatment system continued. Total water treated and discharged to date is 91,324 gallons.
5. Several sections of the storm sewer were replaced this month. Details are provided in the bullet points below. Figure 1 illustrates the progress highlighted in purple.
  - MH 7024 to MH 7026, including side runs to catch basins CB 7024.1, 7024.2, 7025.1, 7026.1, and 7026.2.

- MH 7008, 7027, and 7028.
  - MH 7029.1, 7029.2, 7029.3, 7029.4, and 7029.5.
6. Performed soil sampling for waste classification on the soil stockpile. Eight samples were collected on October 19<sup>th</sup>. Outside of the PFAS results, no significant impacts were detected. The data is presented in Appendix C. Figure 2 illustrates the soil pile in reference to Building 10 and Outfall 7 as well as the soil sampling locations.
  7. Weekly detail reports for October are located in Appendix D. A photo log that illustrates construction activities are provided in Appendix E and illustrated in Figure 1 highlighted in purple.

## **November & December Activities**

1. Continue to work with the County to facilitate the OF-7 abandonment and reconstruction of storm sewer system in November with accompanying air monitoring. First Environment will provide oversight, continuous air monitoring, operation and maintenance of the water treatment system and discharge to sanitary sewer, and waste classification of soil for disposal purposes.
2. Phase I completion is anticipated for November 30<sup>th</sup>.
3. Upon completion of the installation of the OF-7 storm sewer, video inspection of the storm sewer for leaks as well as clean out of any residual sediment that may have been captured into sumps or vaults.
4. First Environment is evaluating surface water permit requirements for discharge of treated PFAS water below the mound.
5. First Environment is evaluating another PFAS technology manufactured by CETCO called FLUOR-SORB for a pilot test to reduce PFAS in surface water. The pilot test being considered is passive consisting of reactive core mat and PFAS filter box. We do not anticipate this pilot test will be available for application until the spring-summer of 2022 (Appendix F).
6. First Environment is in coordination with the Westchester County Department of Public Works and Transportation as well as design engineering firms OLA Engineers to define air monitoring, soil, and water handling procedures in connection with the municipal water supply system near New King Street.
7. Continue to collect waste class samples on an as-needed basis based on new soil volumes being generated to facilitate disposal of excavated soils.
8. Collect treated water sample for laboratory analysis per workplan once the system has started functioning to ensure compliance with Westchester County Department of Environmental Facilities (DEF) remediation permit.

If you have any questions, please do not hesitate to call.

Regards,

FIRST ENVIRONMENT, INC.



Scott R. Green, P.G.  
Director, Insurance Consulting  
Service Group

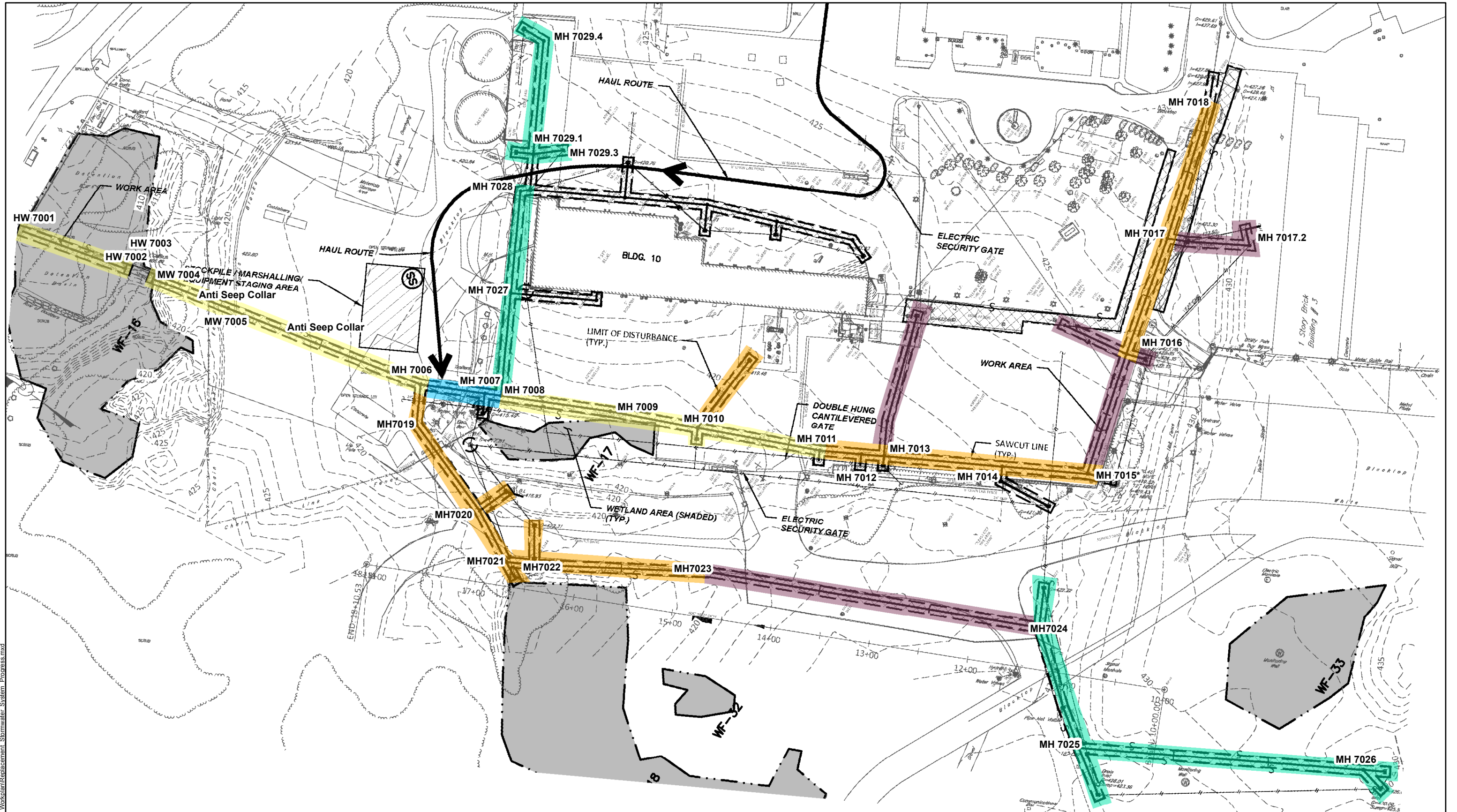


David Luer  
Project Manager/Field Team Leader

Att.

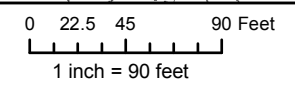
- c: B. Tod Delaney, Ph.D., P.E., BCCC - First Environment, Inc.  
Arthur Clarke, J.D. - First Environment, Inc.  
Hugh Greechan, Jr. P.E. - Westchester County ([hjg7@westchestergov.com](mailto:hjg7@westchestergov.com))  
John Nonna - Westchester County ([jnonna@westchestergov.com](mailto:jnonna@westchestergov.com))  
Robert Funicello - Westchester County ([rff3@westchestergov.com](mailto:rff3@westchestergov.com))  
John Inserra - Westchester County Airport ([jhi1@westchestergov.com](mailto:jhi1@westchestergov.com))  
John Benvegna - WSP ([john.benvegna@wsp.com](mailto:john.benvegna@wsp.com))  
G. Heitzman  
S. Crisafulli  
L. Schmidt  
J. Brown  
J. Carpenter  
M. Schuck – NYSDOH  
K. Kulow - NYSDOH

## FIGURES



**Legend**

<span style="color: blue;">■</span> June Completion	<span style="background-color: gray;">■</span> Wetland
<span style="color: yellow;">■</span> July Completion	
<span style="color: orange;">■</span> August Completion	
<span style="color: purple;">■</span> September Completion	
<span style="color: green;">■</span> October	

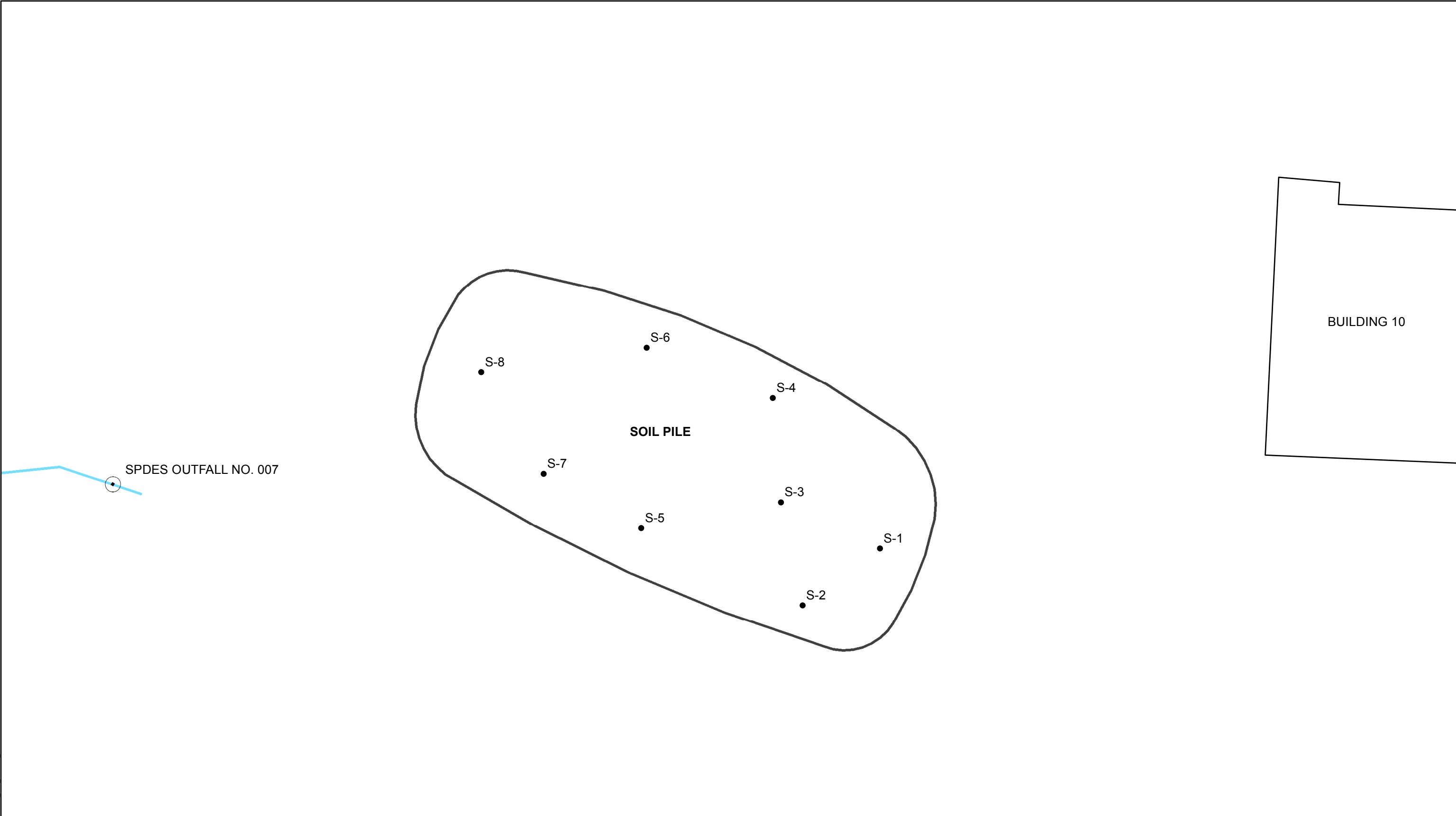


<b>FIRST ENVIRONMENT</b>		NYSDEC SITE NO. 360174 WESTCHESTER COUNTY AIRPORT White Plains, Westchester County, New York			
		FIGURE 1 OF-7 STORM SEWER CONSTRUCTION PROGRESS			
10 Park Place, Bldg 1A, Suite 504 Butler, NJ 07405	Revised LS	Drawn DL	Checked DL	Approved SG	Date 11/5/2021

Source: Provident Design Engineering PLLC, 2020 100% OF-7 Storm Sewer Design

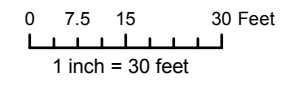
Notes

I:\WESTCHESTER AIRPORT\174\Work\Plan\Replacement - Stormwater System - Progress.mxd



J:\WESTCHESTER AIRPORT\GIS\Burmpit\_Soil\_Surface\_PFOs.mxd

- Legend**
- Sample Location
  - Soil Pile
  - ◻ Outfall Location
  - Stream



	NYSDEC SITE NO. 360174 WESTCHESTER COUNTY AIRPORT White Plains, Westchester County, New York				
	<b>FIGURE 1</b> SOIL PILE LOCATION				
10 Park Place, Bldg 1A, Suite 504 Butler, NJ 07405	Revised	Drawn LS	Checked DL	Approved SG	Date 10/28/2021

## **APPENDIX A**

**IRM OF-7 & OF-4  
2020-2021  
Work Activity Schedule**

<b>Milestone</b>	<b>Estimated Duration</b>	<b>Estimated Completion Date</b>	<b>Estimated Completion Percentage</b>
Meeting County Engineers & Airport Operations	1 Day	20 February	100%
Stream Reconnaissance and Mapping/Location of DEP off-site Wells	3 Days	6 March	100%
Assess Additional Subsurface Collection Point	2 Days	15 March	100%
Staff Gauge Installation	1 Day	23 March	100%
Collect & Evaluate Storm Sewer Water/Groundwater Elevations	1 Day	30 March	100%
OF-7 Data Collection Storm Sewer Video Evaluation	10 Days	6 April	100%
Storm Sewer Surface water Sample Evaluation	20 Days	4 May	100%
Private Utility Mark out	2 Day	8 May	100%
Monitoring Well Installations & Well Development	20 Days	15 May	100%
Groundwater Sampling	7 Days	30 May	100%
OF-4 Pilot Test*	15 Day	15 November	N/A
OF-7 Storm Sewer Design/Modification	45 Days	31 August	100%
OF-7 Storm Bid & Selection	30 Days	January 25,2021	100%
Surface Water Sample Collection	120 Days	6 November	100%
Continued Outfall Flow & Rainfall Measurements	60 Days	30 November	100%
OF-7 Storm Sewer Installation**	120 Days	November 30, 2021	95%
OF-7/OF-4 Performance Monitoring	Quarterly	1 <sup>st</sup> Quarter 2022	0%

Estimated task durations and completions are tentative and are subject to modification based on site work, progress, weather delays, and other considerations such as contractor availability or Airport access.

Monthly progress reports will provide task initiation date for next month activity.

Tasks such as OF-7 data collection/pilot test, OF-4 data collection, and Groundwater IRM Phase I activities will be performed concurrently to the Site Characterization workplan to the extent possible to expedite overall project schedule.

\*Pilot test using a drain/carbon system below the mound at SW-2 is being evaluated to treat PFAS leaving the Airport. This information will be shared with the NYSDEC in October; evaluating surface water permit requirements to finalized associated costs and implementation schedule..

\*\* Installation scheduled for the spring-early summer 2021. Subsurface Construction activities to begin June 15<sup>th</sup>.



## **APPENDIX B**

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 7:06:00 AM				
Oct 4 2021 7:07:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:08:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:09:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:10:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:11:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:12:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:13:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:14:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:15:00 AM	0	0.03	0.036	0.013
Oct 4 2021 7:16:00 AM	0.013	0.028	0.036	0.013
Oct 4 2021 7:17:00 AM	0.03	0.015	0.036	0.013
Oct 4 2021 7:18:00 AM	0.029	0	0.036	0.013
Oct 4 2021 7:19:00 AM	0.029	0	0.036	0.013
Oct 4 2021 7:20:00 AM	0.027	0	0.036	0.013
Oct 4 2021 7:21:00 AM	0.027	0	0.036	0.013
Oct 4 2021 7:22:00 AM	0.027	0	0.036	0.013
Oct 4 2021 7:23:00 AM	0.027	0	0.036	0.013
Oct 4 2021 7:24:00 AM	0.026	0	0.036	0.013
Oct 4 2021 7:25:00 AM	0.023	0	0.036	0.013
Oct 4 2021 7:26:00 AM	0.023	0	0.036	0.013
Oct 4 2021 7:27:00 AM	0.021	0	0.036	0.013
Oct 4 2021 7:28:00 AM	0.021	0	0.036	0.013
Oct 4 2021 7:29:00 AM	0.022	0	0.036	0.013
Oct 4 2021 7:30:00 AM	0.021	0	0.036	0.013
Oct 4 2021 7:31:00 AM	0.021	0	0.036	0.013
Oct 4 2021 7:32:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:33:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:34:00 AM	0.022	0.001	0.036	0.013
Oct 4 2021 7:35:00 AM	0.02	0.001	0.036	0.013
Oct 4 2021 7:36:00 AM	0.02	0.001	0.036	0.013
Oct 4 2021 7:37:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:38:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:39:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:40:00 AM	0.02	0.001	0.036	0.013
Oct 4 2021 7:41:00 AM	0.021	0.001	0.036	0.013
Oct 4 2021 7:42:00 AM	0.019	0.001	0.036	0.013
Oct 4 2021 7:43:00 AM	0.019	0.001	0.036	0.013
Oct 4 2021 7:44:00 AM	0.019	0.001	0.036	0.013
Oct 4 2021 7:45:00 AM	0.018	0.001	0.036	0.013
Oct 4 2021 7:46:00 AM	0.018	0.001	0.036	0.013
Oct 4 2021 7:47:00 AM	0.017	0.001	0.036	0.013
Oct 4 2021 7:48:00 AM	0.018	0.001	0.036	0.013
Oct 4 2021 7:49:00 AM	0.018	0.001	0.036	0.013
Oct 4 2021 7:50:00 AM	0.018	0.002	0.036	0.013
Oct 4 2021 7:51:00 AM	0.017	0.002	0.036	0.013
Oct 4 2021 7:52:00 AM	0.018	0.002	0.028	0.012
Oct 4 2021 7:53:00 AM	0.018	0.002	0.018	0.01
Oct 4 2021 7:54:00 AM	0.018	0.002	0.017	0
Oct 4 2021 7:55:00 AM	0.018	0.002	0.018	0
Oct 4 2021 7:56:00 AM	0.019	0.002	0.018	0
Oct 4 2021 7:57:00 AM	0.018	0.002	0.018	0

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<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 7:58:00 AM	0.018	0.002	0.018	0
Oct 4 2021 7:59:00 AM	0.019	0.002	0.018	0
Oct 4 2021 8:00:00 AM	0.019	0.002	0.018	0
Oct 4 2021 8:01:00 AM	0.019	0.002	0.019	0
Oct 4 2021 8:02:00 AM	0.019	0.002	0.018	0
Oct 4 2021 8:03:00 AM	0.019	0.002	0.019	0
Oct 4 2021 8:04:00 AM	0.019	0.002	0.018	0
Oct 4 2021 8:05:00 AM	0.019	0.002	0.019	0
Oct 4 2021 8:06:00 AM	0.019	0.002	0.018	0
Oct 4 2021 8:07:00 AM	0.018	0.002	0.023	0
Oct 4 2021 8:08:00 AM	0.018	0.002	0.019	0.001
Oct 4 2021 8:09:00 AM	0.018	0.002	0.018	0.001
Oct 4 2021 8:10:00 AM	0.018	0.002	0.018	0.001
Oct 4 2021 8:11:00 AM	0.019	0.002	0.02	0.001
Oct 4 2021 8:12:00 AM	0.018	0.002	0.02	0.001
Oct 4 2021 8:13:00 AM	0.018	0.002	0.018	0.001
Oct 4 2021 8:14:00 AM	0.017	0.002	0.019	0.001
Oct 4 2021 8:15:00 AM	0.016	0.002	0.018	0.001
Oct 4 2021 8:16:00 AM	0.016	0.003	0.019	0.001
Oct 4 2021 8:17:00 AM	0.016	0.003	0.018	0.001
Oct 4 2021 8:18:00 AM	0.016	0.003	0.017	0.001
Oct 4 2021 8:19:00 AM	0.016	0.003	0.018	0.001
Oct 4 2021 8:20:00 AM	0.016	0.003	0.017	0.001
Oct 4 2021 8:21:00 AM	0.017	0.003	0.017	0.001
Oct 4 2021 8:22:00 AM	0.016	0.003	0.018	0.001
Oct 4 2021 8:23:00 AM	0.017	0.003	0.017	0.001
Oct 4 2021 8:24:00 AM	0.016	0.003	0.02	0.001
Oct 4 2021 8:25:00 AM	0.016	0.003	0.017	0.001
Oct 4 2021 8:26:00 AM	0.016	0.003	0.017	0.001
Oct 4 2021 8:27:00 AM	0.016	0.003	0.017	0.001
Oct 4 2021 8:28:00 AM	0.015	0.003	0.017	0.001
Oct 4 2021 8:29:00 AM	0.014	0.003	0.016	0.001
Oct 4 2021 8:30:00 AM	0.014	0.003	0.015	0.001
Oct 4 2021 8:31:00 AM	0.013	0.003	0.015	0.001
Oct 4 2021 8:32:00 AM	0.014	0.003	0.014	0.001
Oct 4 2021 8:33:00 AM	0.013	0.003	0.014	0.001
Oct 4 2021 8:34:00 AM	0.013	0.003	0.014	0.002
Oct 4 2021 8:35:00 AM	0.013	0.003	0.014	0.002
Oct 4 2021 8:36:00 AM	0.013	0.003	0.014	0.002
Oct 4 2021 8:37:00 AM	0.013	0.003	0.013	0.002
Oct 4 2021 8:38:00 AM	0.013	0.003	0.013	0.002
Oct 4 2021 8:39:00 AM	0.012	0.003	0.014	0.002
Oct 4 2021 8:40:00 AM	0.012	0.003	0.013	0.002
Oct 4 2021 8:41:00 AM	0.012	0.003	0.013	0.002
Oct 4 2021 8:42:00 AM	0.012	0.003	0.012	0.002
Oct 4 2021 8:43:00 AM	0.011	0.003	0.012	0.002
Oct 4 2021 8:44:00 AM	0.011	0.003	0.011	0.002
Oct 4 2021 8:45:00 AM	0.01	0.003	0.01	0.002
Oct 4 2021 8:46:00 AM	0.009	0.003	0.01	0.002
Oct 4 2021 8:47:00 AM	0.009	0.003	0.01	0.002
Oct 4 2021 8:48:00 AM	0.009	0.003	0.01	0.002
Oct 4 2021 8:49:00 AM	0.009	0.003	0.01	0.002

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Oct 4 2021 8:50:00 AM	0.009	0.003	0.009	0.002
Oct 4 2021 8:51:00 AM	0.009	0.003	0.009	0.002
Oct 4 2021 8:52:00 AM	0.009	0.004	0.009	0.002
Oct 4 2021 8:53:00 AM	0.009	0.004	0.008	0.002
Oct 4 2021 8:54:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 8:55:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 8:56:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 8:57:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 8:58:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 8:59:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:00:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:01:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:02:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:03:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:04:00 AM	0.007	0.004	0.008	0.002
Oct 4 2021 9:05:00 AM	0.007	0.004	0.008	0.002
Oct 4 2021 9:06:00 AM	0.008	0.004	0.008	0.002
Oct 4 2021 9:07:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:08:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:09:00 AM	0.008	0.004	0.007	0.002
Oct 4 2021 9:10:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:11:00 AM	0.008	0.004	0.007	0.002
Oct 4 2021 9:12:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:13:00 AM	0.008	0.004	0.007	0.002
Oct 4 2021 9:14:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:15:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:16:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:17:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:18:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:19:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:20:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:21:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:22:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:23:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:24:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:25:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:26:00 AM	0.007	0.004	0.007	0.002
Oct 4 2021 9:27:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:28:00 AM	0.007	0.004	0.006	0.002
Oct 4 2021 9:29:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:30:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:31:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:32:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:33:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:34:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:35:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:36:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:37:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:38:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:39:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:40:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:41:00 AM	0.007	0.004	0.006	0.003

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<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 9:42:00 AM	0.006	0.004	0.006	0.003
Oct 4 2021 9:43:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:44:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:45:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:46:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:47:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:48:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:49:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:50:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:51:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:52:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:53:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:54:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:55:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:56:00 AM	0.007	0.004	0.007	0.003
Oct 4 2021 9:57:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:58:00 AM	0.007	0.004	0.006	0.003
Oct 4 2021 9:59:00 AM	0.007	0.005	0.007	0.003
Oct 4 2021 10:00:00 AM	0.007	0.005	0.007	0.003
Oct 4 2021 10:01:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:02:00 AM	0.007	0.005	0.007	0.003
Oct 4 2021 10:03:00 AM	0.011	0.005	0.007	0.003
Oct 4 2021 10:04:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:05:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:06:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:07:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:08:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:09:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:10:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:11:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:12:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:13:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:14:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:15:00 AM	0.008	0.005	0.007	0.003
Oct 4 2021 10:16:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:17:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:18:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:19:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:20:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:21:00 AM	0.009	0.005	0.008	0.003
Oct 4 2021 10:22:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:23:00 AM	0.009	0.005	0.008	0.003
Oct 4 2021 10:24:00 AM	0.009	0.005	0.008	0.003
Oct 4 2021 10:25:00 AM	0.009	0.005	0.008	0.003
Oct 4 2021 10:26:00 AM	0.009	0.005	0.008	0.003
Oct 4 2021 10:27:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:28:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:29:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:30:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:31:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:32:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:33:00 AM	0.008	0.005	0.008	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 10:34:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:35:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:36:00 AM	0.008	0.005	0.008	0.003
Oct 4 2021 10:37:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:38:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:39:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:40:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:41:00 AM	0.009	0.005	0.008	0.004
Oct 4 2021 10:42:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:43:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:44:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:45:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:46:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:47:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:48:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:49:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:50:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:51:00 AM	0.008	0.005	0.007	0.004
Oct 4 2021 10:52:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:53:00 AM	0.008	0.005	0.007	0.004
Oct 4 2021 10:54:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:55:00 AM	0.008	0.005	0.007	0.004
Oct 4 2021 10:56:00 AM	0.008	0.005	0.007	0.004
Oct 4 2021 10:57:00 AM	0.008	0.005	0.008	0.004
Oct 4 2021 10:58:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 10:59:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 11:00:00 AM	0.007	0.006	0.007	0.004
Oct 4 2021 11:01:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 11:02:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 11:03:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 11:04:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:05:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:06:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:07:00 AM	0.008	0.006	0.007	0.004
Oct 4 2021 11:08:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:09:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:10:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:11:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:12:00 AM	0.008	0.006	0.009	0.004
Oct 4 2021 11:13:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:14:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:15:00 AM	0.009	0.006	0.008	0.004
Oct 4 2021 11:16:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:17:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:18:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:19:00 AM	0.009	0.006	0.01	0.004
Oct 4 2021 11:20:00 AM	0.009	0.006	0.012	0.004
Oct 4 2021 11:21:00 AM	0.009	0.006	0.01	0.004
Oct 4 2021 11:22:00 AM	0.008	0.006	0.009	0.004
Oct 4 2021 11:23:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:24:00 AM	0.008	0.006	0.008	0.004
Oct 4 2021 11:25:00 AM	0.009	0.006	0.008	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 11:26:00 AM	0.009	0.006	0.008	0.004
Oct 4 2021 11:27:00 AM	0.009	0.006	0.008	0.004
Oct 4 2021 11:28:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:29:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:30:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:31:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:32:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:33:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:34:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:35:00 AM	0.009	0.006	0.009	0.004
Oct 4 2021 11:36:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:37:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:38:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:39:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:40:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:41:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:42:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:43:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:44:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:45:00 AM	0.009	0.006	0.01	0.005
Oct 4 2021 11:46:00 AM	0.01	0.006	0.01	0.005
Oct 4 2021 11:47:00 AM	0.009	0.006	0.009	0.005
Oct 4 2021 11:48:00 AM	0.01	0.006	0.01	0.005
Oct 4 2021 11:49:00 AM	0.01	0.006	0.009	0.005
Oct 4 2021 11:50:00 AM	0.01	0.006	0.01	0.005
Oct 4 2021 11:51:00 AM	0.01	0.006	0.01	0.005
Oct 4 2021 11:52:00 AM	0.01	0.006	0.01	0.005
Oct 4 2021 11:53:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:54:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:55:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:56:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:57:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:58:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 11:59:00 AM	0.01	0.007	0.01	0.005
Oct 4 2021 12:00:00 PM	0.011	0.007	0.01	0.005
Oct 4 2021 12:01:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:02:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:03:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:04:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:05:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:06:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:07:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:08:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:09:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:10:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:11:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:12:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:13:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:14:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:15:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:16:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:17:00 PM	0.01	0.007	0.01	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 12:18:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:19:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:20:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:21:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:22:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:23:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:24:00 PM	0.01	0.007	0.01	0.005
Oct 4 2021 12:25:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:26:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:27:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:28:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:29:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:30:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:31:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:32:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:33:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:34:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:35:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:36:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:37:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:38:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:39:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:40:00 PM	0.01	0.007	0.01	0.006
Oct 4 2021 12:41:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:42:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:43:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:44:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:45:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:46:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:47:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:48:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:49:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:50:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:51:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:52:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:53:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:54:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:55:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:56:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:57:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 12:58:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 12:59:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 1:00:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 1:01:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:02:00 PM	0.01	0.008	0.011	0.006
Oct 4 2021 1:03:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:04:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:05:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:06:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:07:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:08:00 PM	0.01	0.008	0.01	0.006
Oct 4 2021 1:09:00 PM	0.011	0.008	0.01	0.006



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 1:10:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:11:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:12:00 PM	0.011	0.008	0.01	0.006
Oct 4 2021 1:13:00 PM	0.011	0.008	0.01	0.007
Oct 4 2021 1:14:00 PM	0.011	0.008	0.01	0.007
Oct 4 2021 1:15:00 PM	0.011	0.008	0.01	0.007
Oct 4 2021 1:16:00 PM	0.011	0.008	0.01	0.007
Oct 4 2021 1:17:00 PM	0.011	0.008	0.011	0.007
Oct 4 2021 1:18:00 PM	0.011	0.008	0.011	0.007
Oct 4 2021 1:19:00 PM	0.012	0.008	0.011	0.007
Oct 4 2021 1:20:00 PM	0.012	0.008	0.011	0.007
Oct 4 2021 1:21:00 PM	0.012	0.008	0.011	0.007
Oct 4 2021 1:22:00 PM	0.011	0.008	0.011	0.007
Oct 4 2021 1:23:00 PM	0.011	0.008	0.011	0.007
Oct 4 2021 1:24:00 PM	0.011	0.008	0.011	0.007
Oct 4 2021 1:25:00 PM	0.012	0.008	0.011	0.007
Oct 4 2021 1:26:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:27:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:28:00 PM	0.017	0.009	0.011	0.007
Oct 4 2021 1:29:00 PM	0.027	0.009	0.011	0.007
Oct 4 2021 1:30:00 PM	0.013	0.009	0.011	0.007
Oct 4 2021 1:31:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:32:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:33:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:34:00 PM	0.011	0.009	0.012	0.007
Oct 4 2021 1:35:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:36:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:37:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:38:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:39:00 PM	0.012	0.009	0.011	0.007
Oct 4 2021 1:40:00 PM	0.011	0.009	0.011	0.007
Oct 4 2021 1:41:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:42:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:43:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:44:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:45:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:46:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:47:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:48:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:49:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:50:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:51:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:52:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:53:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:54:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:55:00 PM	0.012	0.009	0.012	0.007
Oct 4 2021 1:56:00 PM	0.012	0.009	0.012	0.008
Oct 4 2021 1:57:00 PM	0.012	0.009	0.012	0.008
Oct 4 2021 1:58:00 PM	0.012	0.009	0.012	0.008
Oct 4 2021 1:59:00 PM	0.012	0.009	0.012	0.008
Oct 4 2021 2:00:00 PM	0.013	0.009	0.012	0.008
Oct 4 2021 2:01:00 PM	0.013	0.009	0.012	0.008

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 2:02:00 PM	0.013	0.009	0.012	0.008
Oct 4 2021 2:03:00 PM	0.013	0.009	0.012	0.008
Oct 4 2021 2:04:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:05:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:06:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:07:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:08:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:09:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:10:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:11:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:12:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:13:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:14:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:15:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:16:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:17:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:18:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:19:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:20:00 PM	0.012	0.01	0.012	0.008
Oct 4 2021 2:21:00 PM	0.012	0.01	0.012	0.008
Oct 4 2021 2:22:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:23:00 PM	0.014	0.01	0.012	0.008
Oct 4 2021 2:24:00 PM	0.017	0.01	0.011	0.008
Oct 4 2021 2:25:00 PM	0.013	0.01	0.012	0.008
Oct 4 2021 2:26:00 PM	0.012	0.01	0.011	0.008
Oct 4 2021 2:27:00 PM	0.012	0.01	0.011	0.008
Oct 4 2021 2:28:00 PM	0.012	0.01	0.011	0.008
Oct 4 2021 2:29:00 PM	0.012	0.01	0.011	0.008
Oct 4 2021 2:30:00 PM	0.012	0.01	0.011	0.008
Oct 4 2021 2:31:00 PM	0.011	0.01	0.011	0.008
Oct 4 2021 2:32:00 PM	0.011	0.01	0.011	0.008
Oct 4 2021 2:33:00 PM	0.011	0.01	0.011	0.008
Oct 4 2021 2:34:00 PM	0.011	0.01	0.011	0.008
Oct 4 2021 2:35:00 PM	0.011	0.01	0.01	0.008
Oct 4 2021 2:36:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:37:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:38:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:39:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:40:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:41:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:42:00 PM	0.011	0.01	0.01	0.009
Oct 4 2021 2:43:00 PM	0.011	0.011	0.01	0.009
Oct 4 2021 2:44:00 PM	0.011	0.011	0.01	0.009
Oct 4 2021 2:45:00 PM	0.01	0.011	0.01	0.009
Oct 4 2021 2:46:00 PM	0.01	0.011	0.009	0.009
Oct 4 2021 2:47:00 PM	0.01	0.011	0.01	0.009
Oct 4 2021 2:48:00 PM	0.01	0.011	0.011	0.009
Oct 4 2021 2:49:00 PM	0.01	0.011	0.009	0.009
Oct 4 2021 2:50:00 PM	0.01	0.011	0.012	0.009
Oct 4 2021 2:51:00 PM	0.01	0.011	0.011	0.009
Oct 4 2021 2:52:00 PM	0.01	0.011	0.01	0.009
Oct 4 2021 2:53:00 PM	0.01		0.01	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 4 2021 2:54:00 PM	0.01		0.01	0.009
Oct 4 2021 2:55:00 PM	0.009		0.009	0.009
Oct 4 2021 2:56:00 PM	0.009		0.008	
Oct 4 2021 2:57:00 PM	0.009		0.009	
Oct 4 2021 2:58:00 PM			0.009	
Oct 5 2021 6:53:00 AM	0.01	0.011		
Oct 5 2021 6:54:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 6:55:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 6:56:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 6:57:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 6:58:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 6:59:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 7:00:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 7:01:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 7:02:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 7:03:00 AM	0.01	0.011	0.009	0.009
Oct 5 2021 7:04:00 AM	0.009	0.01	0.009	0.009
Oct 5 2021 7:05:00 AM	0.002	0.01	0.009	0.009
Oct 5 2021 7:06:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:07:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:08:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:09:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:10:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:11:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:12:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:13:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:14:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:15:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:16:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:17:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:18:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:19:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:20:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:21:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:22:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:23:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:24:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:25:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:26:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:27:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:28:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:29:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:30:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:31:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:32:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:33:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:34:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:35:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:36:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:37:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:38:00 AM	0.003	0	0.009	0.009
Oct 5 2021 7:39:00 AM	0.003	0	0.009	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 7:40:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:41:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:42:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:43:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:44:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:45:00 AM	0.002	0	0.009	0.009
Oct 5 2021 7:46:00 AM	0.002	0	0.007	0.009
Oct 5 2021 7:47:00 AM	0.003	0	0.003	0.007
Oct 5 2021 7:48:00 AM	0.002	0	0.002	0
Oct 5 2021 7:49:00 AM	0.002	0	0.003	0
Oct 5 2021 7:50:00 AM	0.002	0	0.002	0
Oct 5 2021 7:51:00 AM	0.002	0	0.002	0
Oct 5 2021 7:52:00 AM	0.002	0	0.002	0
Oct 5 2021 7:53:00 AM	0.002	0	0.002	0
Oct 5 2021 7:54:00 AM	0.002	0	0.002	0
Oct 5 2021 7:55:00 AM	0.002	0	0.002	0
Oct 5 2021 7:56:00 AM	0.002	0	0.002	0
Oct 5 2021 7:57:00 AM	0.002	0	0.002	0
Oct 5 2021 7:58:00 AM	0.001	0	0.002	0
Oct 5 2021 7:59:00 AM	0.001	0	0.002	0
Oct 5 2021 8:00:00 AM	0.002	0	0.002	0
Oct 5 2021 8:01:00 AM	0.002	0	0.002	0
Oct 5 2021 8:02:00 AM	0.001	0	0.002	0
Oct 5 2021 8:03:00 AM	0.001	0	0.002	0
Oct 5 2021 8:04:00 AM	0.002	0	0.002	0
Oct 5 2021 8:05:00 AM	0.002	0	0.002	0
Oct 5 2021 8:06:00 AM	0.002	0	0.002	0
Oct 5 2021 8:07:00 AM	0.002	0	0.002	0
Oct 5 2021 8:08:00 AM	0.002	0	0.003	0
Oct 5 2021 8:09:00 AM	0.002	0	0.002	0
Oct 5 2021 8:10:00 AM	0.002	0	0.002	0
Oct 5 2021 8:11:00 AM	0.002	0	0.002	0
Oct 5 2021 8:12:00 AM	0.002	0	0.003	0
Oct 5 2021 8:13:00 AM	0.002	0	0.002	0
Oct 5 2021 8:14:00 AM	0.002	0	0.002	0
Oct 5 2021 8:15:00 AM	0.002	0	0.002	0
Oct 5 2021 8:16:00 AM	0.002	0	0.002	0
Oct 5 2021 8:17:00 AM	0.002	0	0.002	0
Oct 5 2021 8:18:00 AM	0.002	0	0.002	0
Oct 5 2021 8:19:00 AM	0.002	0	0.002	0
Oct 5 2021 8:20:00 AM	0.002	0	0.002	0
Oct 5 2021 8:21:00 AM	0.002	0	0.001	0
Oct 5 2021 8:22:00 AM	0.002	0	0.002	0
Oct 5 2021 8:23:00 AM	0.002	0	0.002	0
Oct 5 2021 8:24:00 AM	0.002	0	0.003	0
Oct 5 2021 8:25:00 AM	0.002	0	0.003	0
Oct 5 2021 8:26:00 AM	0.002	0	0.003	0
Oct 5 2021 8:27:00 AM	0.002	0	0.002	0
Oct 5 2021 8:28:00 AM	0.002	0	0.002	0
Oct 5 2021 8:29:00 AM	0.002	0	0.002	0
Oct 5 2021 8:30:00 AM	0.002	0	0.002	0
Oct 5 2021 8:31:00 AM	0.002	0	0.002	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 8:32:00 AM	0.002	0	0.002	0
Oct 5 2021 8:33:00 AM	0.002	0	0.002	0
Oct 5 2021 8:34:00 AM	0.004	0	0.002	0
Oct 5 2021 8:35:00 AM	0.01	0	0.002	0
Oct 5 2021 8:36:00 AM	0.005	0	0.002	0
Oct 5 2021 8:37:00 AM	0.003	0	0.002	0
Oct 5 2021 8:38:00 AM	0.005	0	0.002	0
Oct 5 2021 8:39:00 AM	0.015	0	0.001	0
Oct 5 2021 8:40:00 AM	0.004	0.001	0.002	0
Oct 5 2021 8:41:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:42:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:43:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:44:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:45:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:46:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:47:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:48:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:49:00 AM	0.003	0.001	0.002	0
Oct 5 2021 8:50:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:51:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:52:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:53:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:54:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:55:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:56:00 AM	0.003	0.001	0.003	0
Oct 5 2021 8:57:00 AM	0.003	0.001	0.002	0
Oct 5 2021 8:58:00 AM	0.002	0.001	0.002	0
Oct 5 2021 8:59:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:00:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:01:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:02:00 AM	0.003	0.001	0.002	0
Oct 5 2021 9:03:00 AM	0.002	0.001	0.003	0
Oct 5 2021 9:04:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:05:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:06:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:07:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:08:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:09:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:10:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:11:00 AM	0.003	0.001	0.002	0
Oct 5 2021 9:12:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:13:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:14:00 AM	0.003	0.001	0.002	0
Oct 5 2021 9:15:00 AM	0.003	0.001	0.002	0
Oct 5 2021 9:16:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:17:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:18:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:19:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:20:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:21:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:22:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:23:00 AM	0.002	0.001	0.002	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 9:24:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:25:00 AM	0.004	0.001	0.002	0
Oct 5 2021 9:26:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:27:00 AM	0.002	0.001	0.003	0
Oct 5 2021 9:28:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:29:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:30:00 AM	0.002	0.001	0.001	0
Oct 5 2021 9:31:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:32:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:33:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:34:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:35:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:36:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:37:00 AM	0.003	0.001	0.002	0
Oct 5 2021 9:38:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:39:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:40:00 AM	0.002	0.001	0.002	0
Oct 5 2021 9:41:00 AM	0.001	0.001	0.002	0
Oct 5 2021 9:42:00 AM	0.001	0.001	0.002	0
Oct 5 2021 9:43:00 AM	0.001	0.001	0.001	0
Oct 5 2021 9:44:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 9:45:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:46:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 9:47:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 9:48:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:49:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 9:50:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:51:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:52:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 9:53:00 AM	0.004	0.001	0.002	0.001
Oct 5 2021 9:54:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 9:55:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 9:56:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 9:57:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:58:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 9:59:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:00:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:01:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:02:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:03:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:04:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:05:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:06:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:07:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 10:08:00 AM	0.006	0.001	0.002	0.001
Oct 5 2021 10:09:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:10:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:11:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:12:00 AM	0.002	0.001	0.003	0.001
Oct 5 2021 10:13:00 AM	0.002	0.001	0.003	0.001
Oct 5 2021 10:14:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:15:00 AM	0.002	0.001	0.003	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 10:16:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:17:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:18:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:19:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:20:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:21:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:22:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:23:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:24:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:25:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:26:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:27:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:28:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:29:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:30:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:31:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:32:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:33:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:34:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:35:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:36:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:37:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:38:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:39:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:40:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:41:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:42:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 10:43:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:44:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:45:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:46:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:47:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:48:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:49:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:50:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:51:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:52:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:53:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 10:54:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:55:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:56:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:57:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 10:58:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 10:59:00 AM	0.004	0.001	0.002	0.001
Oct 5 2021 11:00:00 AM	0.004	0.001	0.002	0.001
Oct 5 2021 11:01:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:02:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:03:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:04:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:05:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:06:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:07:00 AM	0.002	0.001	0.002	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 11:08:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:09:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:10:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:11:00 AM	0.005	0.001	0.002	0.001
Oct 5 2021 11:12:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:13:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:14:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:15:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:16:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:17:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:18:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:19:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:20:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:21:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:22:00 AM	0.004	0.001	0.002	0.001
Oct 5 2021 11:23:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:24:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:25:00 AM	0.007	0.001	0.002	0.001
Oct 5 2021 11:26:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:27:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:28:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:29:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:30:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:31:00 AM	0.006	0.001	0.002	0.001
Oct 5 2021 11:32:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:33:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:34:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:35:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:36:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:37:00 AM	0.005	0.001	0.002	0.001
Oct 5 2021 11:38:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:39:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:40:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:41:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:42:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:43:00 AM	0.001	0.001	0.003	0.001
Oct 5 2021 11:44:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:45:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:46:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:47:00 AM	0.007	0.001	0.002	0.001
Oct 5 2021 11:48:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:49:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:50:00 AM	0.003	0.001	0.002	0.001
Oct 5 2021 11:51:00 AM	0.002	0.001	0.003	0.001
Oct 5 2021 11:52:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:53:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:54:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:55:00 AM	0.001	0.001	0.002	0.001
Oct 5 2021 11:56:00 AM	0.002	0.001	0.002	0.001
Oct 5 2021 11:57:00 AM	0.002	0.001	0.003	0.001
Oct 5 2021 11:58:00 AM	0.002	0.001	0.003	0.001
Oct 5 2021 11:59:00 AM	0.002	0.001	0.003	0.001



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 12:00:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:01:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:02:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:03:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:04:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:05:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:06:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:07:00 PM	0.003	0.001	0.003	0.001
Oct 5 2021 12:08:00 PM	0.003	0.001	0.003	0.001
Oct 5 2021 12:09:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:10:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:11:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:12:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:13:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:14:00 PM	0.002	0.001	0.004	0.001
Oct 5 2021 12:15:00 PM	0.003	0.001	0.003	0.001
Oct 5 2021 12:16:00 PM	0.002	0.001	0.004	0.001
Oct 5 2021 12:17:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:18:00 PM	0.002	0.001	0.004	0.001
Oct 5 2021 12:19:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:20:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:21:00 PM	0.002	0.001	0.003	0.001
Oct 5 2021 12:22:00 PM	0.002	0.002	0.004	0.001
Oct 5 2021 12:23:00 PM	0.002	0.002	0.004	0.001
Oct 5 2021 12:24:00 PM	0.003	0.002	0.004	0.001
Oct 5 2021 12:25:00 PM	0.003	0.002	0.004	0.001
Oct 5 2021 12:26:00 PM	0.003	0.002	0.004	0.001
Oct 5 2021 12:27:00 PM	0.002	0.002	0.004	0.001
Oct 5 2021 12:28:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:29:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:30:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:31:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:32:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:33:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:34:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 12:35:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 12:36:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 12:37:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:38:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:39:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:40:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:41:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:42:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:43:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:44:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:45:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:46:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 12:47:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 12:48:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:49:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:50:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:51:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:52:00 PM	0.002	0.002	0.004	0.001
Oct 5 2021 12:53:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:54:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:55:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:56:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:57:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 12:58:00 PM	0.002	0.002	0.003	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 12:59:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 1:00:00 PM	0.002	0.002	0.003	0.001
Oct 5 2021 1:01:00 PM	0.003	0.002	0.003	0.001
Oct 5 2021 1:02:00 PM	0.002	0.002	0.004	0.001
Oct 5 2021 1:03:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:04:00 PM	0.002	0.002	0.004	0.002
Oct 5 2021 1:05:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:06:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:07:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:08:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:09:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:10:00 PM	0.003	0.002	0.003	0.002
Oct 5 2021 1:11:00 PM	0.003	0.002	0.003	0.002
Oct 5 2021 1:12:00 PM	0.003	0.002	0.004	0.002
Oct 5 2021 1:13:00 PM	0.002	0.002	0.004	0.002
Oct 5 2021 1:14:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:15:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:16:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:17:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:18:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:19:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:20:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:21:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:22:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:23:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:24:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:25:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:26:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:27:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:28:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:29:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:30:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:31:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:32:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:33:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:34:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:35:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:36:00 PM	0.003	0.002	0.003	0.002
Oct 5 2021 1:37:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:38:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:39:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:40:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 1:41:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:42:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:43:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:44:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:45:00 PM	0.002	0.002	0.003	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 1:46:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:47:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:48:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:49:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:50:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:51:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 1:52:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:53:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:54:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 1:55:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:56:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 1:57:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:58:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 1:59:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 2:00:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:01:00 PM	0.006	0.002	0.003	0.002
Oct 5 2021 2:02:00 PM	0.003	0.002	0.003	0.002
Oct 5 2021 2:03:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:04:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:05:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 2:06:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:07:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:08:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:09:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:10:00 PM	0.006	0.002	0.003	0.002
Oct 5 2021 2:11:00 PM	0.003	0.002	0.003	0.002
Oct 5 2021 2:12:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:13:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:14:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:15:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:16:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:17:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:18:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:19:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:20:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:21:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:22:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:23:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:24:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:25:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:26:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:27:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 2:28:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:29:00 PM	0.001	0.002	0.003	0.002
Oct 5 2021 2:30:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:31:00 PM	0.002	0.002	0.002	0.002
Oct 5 2021 2:32:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:33:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:34:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:35:00 PM	0.004	0.002	0.003	0.002
Oct 5 2021 2:36:00 PM	0.004	0.002	0.003	0.002
Oct 5 2021 2:37:00 PM	0.002	0.002	0.003	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 5 2021 2:38:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:39:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:40:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:41:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:42:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:43:00 PM	0.002	0.002	0.003	0.002
Oct 5 2021 2:44:00 PM	0.002	0.002	0.003	
Oct 5 2021 2:45:00 PM	0.002	0.002	0.004	
Oct 5 2021 2:46:00 PM	0.002	0.002	0.006	
Oct 5 2021 2:47:00 PM	0.002	0.002	0.005	
Oct 5 2021 2:48:00 PM	0.002	0.002	0.003	
Oct 5 2021 2:49:00 PM	0.002	0.002	0.003	
Oct 5 2021 2:50:00 PM	0.002	0.002	0.004	
Oct 5 2021 2:51:00 PM	0.002	0.002		
Oct 5 2021 2:52:00 PM	0.002	0.002		
Oct 5 2021 2:53:00 PM	0.002	0.002		
Oct 5 2021 2:54:00 PM	0.002	0.002		
Oct 5 2021 2:55:00 PM	0.002	0.002		
Oct 5 2021 2:56:00 PM	0.002	0.002		
Oct 5 2021 2:57:00 PM	0.002	0.002		
Oct 5 2021 2:58:00 PM	0.002	0.002		
Oct 5 2021 2:59:00 PM	0.002	0.002		
Oct 5 2021 3:00:00 PM	0.002	0.002		
Oct 5 2021 3:01:00 PM	0.002	0.002		
Oct 5 2021 3:02:00 PM	0.002	0.002		
Oct 5 2021 3:03:00 PM	0.002	0.002		
Oct 5 2021 3:04:00 PM	0.003	0.002		
Oct 5 2021 3:05:00 PM	0.002	0.002		
Oct 5 2021 3:06:00 PM	0.002	0.002		
Oct 5 2021 3:07:00 PM	0.002	0.002		
Oct 5 2021 3:08:00 PM	0.003	0.002		
Oct 5 2021 3:09:00 PM	0.011	0.002		
Oct 5 2021 3:10:00 PM	0.003	0.002		
Oct 5 2021 3:11:00 PM	0.006	0.002		
Oct 5 2021 3:12:00 PM	0.002	0.002		
Oct 5 2021 3:13:00 PM	0.122			
Oct 5 2021 3:14:00 PM	0.248			
Oct 5 2021 3:15:00 PM	0.484			
Oct 5 2021 3:16:00 PM	0.004			
Oct 6 2021 7:15:00 AM				
Oct 6 2021 7:16:00 AM	0.004	0.002		
Oct 6 2021 7:17:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:18:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:19:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:20:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:21:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:22:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:23:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:24:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:25:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:26:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:27:00 AM	0.004	0.002	0.004	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 7:28:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:29:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:30:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:31:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:32:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:33:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:34:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:35:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:36:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:37:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:38:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:39:00 AM	0.004	0.002	0.004	0.007
Oct 6 2021 7:40:00 AM	0.007	0.002	0.004	0.007
Oct 6 2021 7:41:00 AM	0.007	0.001	0.004	0.007
Oct 6 2021 7:42:00 AM	0.007	0	0.004	0.007
Oct 6 2021 7:43:00 AM	0.007	0	0.004	0.007
Oct 6 2021 7:44:00 AM	0.007	0	0.004	0.007
Oct 6 2021 7:45:00 AM	0.007	0	0.004	0.007
Oct 6 2021 7:46:00 AM	0.007	0	0.005	0.007
Oct 6 2021 7:47:00 AM	0.007	0	0.007	0.003
Oct 6 2021 7:48:00 AM	0.009	0	0.007	0
Oct 6 2021 7:49:00 AM	0.01	0	0.007	0
Oct 6 2021 7:50:00 AM	0.009	0	0.007	0
Oct 6 2021 7:51:00 AM	0.009	0	0.006	0
Oct 6 2021 7:52:00 AM	0.024	0	0.007	0
Oct 6 2021 7:53:00 AM	0.027	0	0.007	0
Oct 6 2021 7:54:00 AM	0.025	0	0.007	0
Oct 6 2021 7:55:00 AM	0.009	0	0.008	0
Oct 6 2021 7:56:00 AM	0.007	0	0.007	0
Oct 6 2021 7:57:00 AM	0.007	0	0.007	0
Oct 6 2021 7:58:00 AM	0.007	0	0.007	0
Oct 6 2021 7:59:00 AM	0.007	0	0.006	0
Oct 6 2021 8:00:00 AM	0.008	0	0.006	0
Oct 6 2021 8:01:00 AM	0.007	0	0.007	0
Oct 6 2021 8:02:00 AM	0.007	0	0.006	0
Oct 6 2021 8:03:00 AM	0.007	0	0.006	0
Oct 6 2021 8:04:00 AM	0.007	0	0.007	0
Oct 6 2021 8:05:00 AM	0.007	0	0.007	0
Oct 6 2021 8:06:00 AM	0.007	0.001	0.01	0
Oct 6 2021 8:07:00 AM	0.007	0.001	0.009	0
Oct 6 2021 8:08:00 AM	0.007	0.001	0.007	0
Oct 6 2021 8:09:00 AM	0.007	0.001	0.007	0
Oct 6 2021 8:10:00 AM	0.008	0.001	0.008	0
Oct 6 2021 8:11:00 AM	0.008	0.001	0.009	0
Oct 6 2021 8:12:00 AM	0.008	0.001	0.007	0
Oct 6 2021 8:13:00 AM	0.008	0.001	0.051	0
Oct 6 2021 8:14:00 AM	0.008	0.001	0.01	0.001
Oct 6 2021 8:15:00 AM	0.008	0.001	0.061	0.001
Oct 6 2021 8:16:00 AM	0.008	0.001	0.009	0.001
Oct 6 2021 8:17:00 AM	0.008	0.001	0.007	0.001
Oct 6 2021 8:18:00 AM	0.007	0.001	0.007	0.001
Oct 6 2021 8:19:00 AM	0.008	0.001	0.014	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 8:20:00 AM	0.007	0.001	0.007	0.001
Oct 6 2021 8:21:00 AM	0.007	0.001	0.01	0.001
Oct 6 2021 8:22:00 AM	0.007	0.001	0.012	0.001
Oct 6 2021 8:23:00 AM	0.007	0.001	0.025	0.001
Oct 6 2021 8:24:00 AM	0.007	0.001	0.043	0.001
Oct 6 2021 8:25:00 AM	0.007	0.001	0.03	0.001
Oct 6 2021 8:26:00 AM	0.007	0.001	0.019	0.001
Oct 6 2021 8:27:00 AM	0.007	0.001	0.014	0.001
Oct 6 2021 8:28:00 AM	0.007	0.001	0.014	0.001
Oct 6 2021 8:29:00 AM	0.007	0.001	0.01	0.001
Oct 6 2021 8:30:00 AM	0.007	0.001	0.009	0.001
Oct 6 2021 8:31:00 AM	0.007	0.001	0.089	0.001
Oct 6 2021 8:32:00 AM	0.007	0.001	0.014	0.001
Oct 6 2021 8:33:00 AM	0.007	0.001	0.006	0.001
Oct 6 2021 8:34:00 AM	0.007	0.001	0.006	0.001
Oct 6 2021 8:35:00 AM	0.007	0.001	0.008	0.001
Oct 6 2021 8:36:00 AM	0.007	0.001	0.006	0.001
Oct 6 2021 8:37:00 AM	0.007	0.001	0.007	0.001
Oct 6 2021 8:38:00 AM	0.007	0.001	0.007	0.001
Oct 6 2021 8:39:00 AM	0.008	0.001	0.007	0.001
Oct 6 2021 8:40:00 AM	0.008	0.001	0.007	0.001
Oct 6 2021 8:41:00 AM	0.008	0.001	0.007	0.001
Oct 6 2021 8:42:00 AM	0.007	0.001	0.007	0.001
Oct 6 2021 8:43:00 AM	0.007	0.001	0.008	0.001
Oct 6 2021 8:44:00 AM	0.007	0.001	0.007	0.002
Oct 6 2021 8:45:00 AM	0.007	0.001	0.007	0.002
Oct 6 2021 8:46:00 AM	0.017	0.001	0.115	0.002
Oct 6 2021 8:47:00 AM	0.007	0.001	0.028	0.002
Oct 6 2021 8:48:00 AM	0.007	0.001	0.009	0.002
Oct 6 2021 8:49:00 AM	0.007	0.001	0.009	0.002
Oct 6 2021 8:50:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 8:51:00 AM	0.009	0.001	0.014	0.002
Oct 6 2021 8:52:00 AM	0.008	0.001	0.008	0.002
Oct 6 2021 8:53:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 8:54:00 AM	0.007	0.001	0.01	0.002
Oct 6 2021 8:55:00 AM	0.007	0.001	0.009	0.002
Oct 6 2021 8:56:00 AM	0.008	0.001	0.007	0.002
Oct 6 2021 8:57:00 AM	0.007	0.001	0.007	0.002
Oct 6 2021 8:58:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 8:59:00 AM	0.007	0.001	0.007	0.002
Oct 6 2021 9:00:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:01:00 AM	0.007	0.001	0.007	0.002
Oct 6 2021 9:02:00 AM	0.012	0.001	0.008	0.002
Oct 6 2021 9:03:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:04:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:05:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:06:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:07:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:08:00 AM	0.007	0.001	0.009	0.002
Oct 6 2021 9:09:00 AM	0.007	0.001	0.008	0.002
Oct 6 2021 9:10:00 AM	0.007	0.002	0.008	0.002
Oct 6 2021 9:11:00 AM	0.007	0.002	0.007	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 9:12:00 AM	0.007	0.002	0.006	0.002
Oct 6 2021 9:13:00 AM	0.006	0.002	0.007	0.002
Oct 6 2021 9:14:00 AM	0.007	0.002	0.006	0.002
Oct 6 2021 9:15:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:16:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:17:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:18:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:19:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:20:00 AM	0.007	0.002	0.006	0.002
Oct 6 2021 9:21:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:22:00 AM	0.007	0.002	0.006	0.002
Oct 6 2021 9:23:00 AM	0.007	0.002	0.007	0.002
Oct 6 2021 9:24:00 AM	0.007	0.002	0.013	0.002
Oct 6 2021 9:25:00 AM	0.007	0.002	0.009	0.002
Oct 6 2021 9:26:00 AM	0.008	0.002	0.01	0.002
Oct 6 2021 9:27:00 AM	0.013	0.002	0.006	0.002
Oct 6 2021 9:28:00 AM	0.007	0.002	0.006	0.002
Oct 6 2021 9:29:00 AM	0.009	0.002	0.006	0.003
Oct 6 2021 9:30:00 AM	0.022	0.002	0.006	0.003
Oct 6 2021 9:31:00 AM	0.008	0.002	0.006	0.003
Oct 6 2021 9:32:00 AM	0.007	0.002	0.006	0.003
Oct 6 2021 9:33:00 AM	0.007	0.002	0.006	0.003
Oct 6 2021 9:34:00 AM	0.007	0.002	0.006	0.003
Oct 6 2021 9:35:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:36:00 AM	0.006	0.002	0.011	0.003
Oct 6 2021 9:37:00 AM	0.006	0.002	0.007	0.003
Oct 6 2021 9:38:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:39:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:40:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:41:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:42:00 AM	0.006	0.002	0.007	0.003
Oct 6 2021 9:43:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:44:00 AM	0.006	0.002	0.008	0.003
Oct 6 2021 9:45:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:46:00 AM	0.006	0.002	0.005	0.003
Oct 6 2021 9:47:00 AM	0.006	0.002	0.005	0.003
Oct 6 2021 9:48:00 AM	0.006	0.002	0.005	0.003
Oct 6 2021 9:49:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:50:00 AM	0.006	0.002	0.008	0.003
Oct 6 2021 9:51:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:52:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:53:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:54:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:55:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:56:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:57:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:58:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 9:59:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:00:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:01:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:02:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:03:00 AM	0.007	0.002	0.006	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 10:04:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:05:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:06:00 AM	0.006	0.002	0.008	0.003
Oct 6 2021 10:07:00 AM	0.006	0.002	0.007	0.003
Oct 6 2021 10:08:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:09:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:10:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:11:00 AM	0.006	0.002	0.008	0.003
Oct 6 2021 10:12:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:13:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:14:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:15:00 AM	0.006	0.002	0.005	0.003
Oct 6 2021 10:16:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:17:00 AM	0.005	0.002	0.006	0.003
Oct 6 2021 10:18:00 AM	0.005	0.002	0.006	0.003
Oct 6 2021 10:19:00 AM	0.006	0.002	0.006	0.003
Oct 6 2021 10:20:00 AM	0.005	0.002	0.005	0.003
Oct 6 2021 10:21:00 AM	0.005	0.002	0.007	0.003
Oct 6 2021 10:22:00 AM	0.005	0.002	0.005	0.003
Oct 6 2021 10:23:00 AM	0.005	0.003	0.006	0.003
Oct 6 2021 10:24:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:25:00 AM	0.005	0.003	0.006	0.003
Oct 6 2021 10:26:00 AM	0.005	0.003	0.006	0.003
Oct 6 2021 10:27:00 AM	0.005	0.003	0.006	0.003
Oct 6 2021 10:28:00 AM	0.005	0.003	0.009	0.003
Oct 6 2021 10:29:00 AM	0.005	0.003	0.014	0.003
Oct 6 2021 10:30:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:31:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:32:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:33:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:34:00 AM	0.005	0.003	0.004	0.003
Oct 6 2021 10:35:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:36:00 AM	0.005	0.003	0.004	0.003
Oct 6 2021 10:37:00 AM	0.005	0.003	0.004	0.003
Oct 6 2021 10:38:00 AM	0.004	0.003	0.004	0.003
Oct 6 2021 10:39:00 AM	0.005	0.003	0.005	0.003
Oct 6 2021 10:40:00 AM	0.005	0.003	0.004	0.003
Oct 6 2021 10:41:00 AM	0.006	0.003	0.005	0.003
Oct 6 2021 10:42:00 AM	0.006	0.003	0.006	0.003
Oct 6 2021 10:43:00 AM	0.006	0.003	0.006	0.003
Oct 6 2021 10:44:00 AM	0.006	0.003	0.006	0.003
Oct 6 2021 10:45:00 AM	0.006	0.003	0.006	0.003
Oct 6 2021 10:46:00 AM	0.006	0.003	0.005	0.003
Oct 6 2021 10:47:00 AM	0.006	0.003	0.006	0.003
Oct 6 2021 10:48:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 10:49:00 AM	0.006	0.003	0.006	0.004
Oct 6 2021 10:50:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 10:51:00 AM	0.006	0.003	0.006	0.004
Oct 6 2021 10:52:00 AM	0.006	0.003	0.006	0.004
Oct 6 2021 10:53:00 AM	0.006	0.003	0.006	0.004
Oct 6 2021 10:54:00 AM	0.005	0.003	0.006	0.004
Oct 6 2021 10:55:00 AM	0.005	0.003	0.005	0.004



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 10:56:00 AM	0.007	0.003	0.005	0.004
Oct 6 2021 10:57:00 AM	0.007	0.003	0.006	0.004
Oct 6 2021 10:58:00 AM	0.004	0.003	0.008	0.004
Oct 6 2021 10:59:00 AM	0.005	0.003	0.007	0.004
Oct 6 2021 11:00:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 11:01:00 AM	0.016	0.003	0.005	0.004
Oct 6 2021 11:02:00 AM	0.01	0.003	0.005	0.004
Oct 6 2021 11:03:00 AM	0.01	0.003	0.005	0.004
Oct 6 2021 11:04:00 AM	0.015	0.003	0.006	0.004
Oct 6 2021 11:05:00 AM	0.023	0.003	0.005	0.004
Oct 6 2021 11:06:00 AM	0.01	0.003	0.005	0.004
Oct 6 2021 11:07:00 AM	0.005	0.003	0.005	0.004
Oct 6 2021 11:08:00 AM	0.005	0.003	0.005	0.004
Oct 6 2021 11:09:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 11:10:00 AM	0.01	0.003	0.005	0.004
Oct 6 2021 11:11:00 AM	0.005	0.003	0.005	0.004
Oct 6 2021 11:12:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 11:13:00 AM	0.007	0.003	0.005	0.004
Oct 6 2021 11:14:00 AM	0.007	0.003	0.005	0.004
Oct 6 2021 11:15:00 AM	0.005	0.003	0.006	0.004
Oct 6 2021 11:16:00 AM	0.005	0.003	0.008	0.004
Oct 6 2021 11:17:00 AM	0.005	0.003	0.005	0.004
Oct 6 2021 11:18:00 AM	0.01	0.003	0.005	0.004
Oct 6 2021 11:19:00 AM	0.006	0.003	0.005	0.004
Oct 6 2021 11:20:00 AM	0.019	0.003	0.006	0.004
Oct 6 2021 11:21:00 AM	0.006	0.003	0.009	0.004
Oct 6 2021 11:22:00 AM	0.014	0.003	0.007	0.004
Oct 6 2021 11:23:00 AM	0.007	0.003	0.006	0.004
Oct 6 2021 11:24:00 AM	0.004	0.003	0.005	0.004
Oct 6 2021 11:25:00 AM	0.004	0.003	0.014	0.004
Oct 6 2021 11:26:00 AM	0.004	0.003	0.005	0.004
Oct 6 2021 11:27:00 AM	0.004	0.003	0.005	0.004
Oct 6 2021 11:28:00 AM	0.004	0.003	0.006	0.004
Oct 6 2021 11:29:00 AM	0.005	0.003	0.005	0.004
Oct 6 2021 11:30:00 AM	0.004	0.003	0.005	0.004
Oct 6 2021 11:31:00 AM	0.004	0.003	0.004	0.004
Oct 6 2021 11:32:00 AM	0.005	0.003	0.004	0.004
Oct 6 2021 11:33:00 AM	0.004	0.003	0.004	0.004
Oct 6 2021 11:34:00 AM	0.003	0.003	0.005	0.004
Oct 6 2021 11:35:00 AM	0.003	0.003	0.005	0.004
Oct 6 2021 11:36:00 AM	0.003	0.003	0.004	0.004
Oct 6 2021 11:37:00 AM	0.003	0.003	0.003	0.004
Oct 6 2021 11:38:00 AM	0.003	0.003	0.004	0.004
Oct 6 2021 11:39:00 AM	0.004	0.004	0.004	0.004
Oct 6 2021 11:40:00 AM	0.004	0.004	0.004	0.004
Oct 6 2021 11:41:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:42:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:43:00 AM	0.004	0.004	0.009	0.004
Oct 6 2021 11:44:00 AM	0.005	0.004	0.004	0.004
Oct 6 2021 11:45:00 AM	0.003	0.004	0.003	0.004
Oct 6 2021 11:46:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:47:00 AM	0.003	0.004	0.004	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 11:48:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:49:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:50:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:51:00 AM	0.003	0.004	0.003	0.004
Oct 6 2021 11:52:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:53:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:54:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:55:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:56:00 AM	0.004	0.004	0.004	0.004
Oct 6 2021 11:57:00 AM	0.003	0.004	0.004	0.004
Oct 6 2021 11:58:00 AM	0.003	0.004	0.006	0.004
Oct 6 2021 11:59:00 AM	0.004	0.004	0.004	0.004
Oct 6 2021 12:00:00 PM	0.003	0.004	0.003	0.004
Oct 6 2021 12:01:00 PM	0.003	0.004	0.004	0.004
Oct 6 2021 12:02:00 PM	0.003	0.004	0.004	0.004
Oct 6 2021 12:03:00 PM	0.003	0.004	0.003	0.004
Oct 6 2021 12:04:00 PM	0.003	0.004	0.004	0.004
Oct 6 2021 12:05:00 PM	0.003	0.004	0.004	0.004
Oct 6 2021 12:06:00 PM	0.003	0.004	0.006	0.004
Oct 6 2021 12:07:00 PM	0.003	0.004	0.003	0.004
Oct 6 2021 12:08:00 PM	0.003	0.004	0.006	0.004
Oct 6 2021 12:09:00 PM	0.002	0.004	0.005	0.004
Oct 6 2021 12:10:00 PM	0.002	0.004	0.011	0.004
Oct 6 2021 12:11:00 PM	0.002	0.004	0.004	0.004
Oct 6 2021 12:12:00 PM	0.002	0.004	0.004	0.004
Oct 6 2021 12:13:00 PM	0.002	0.004	0.004	0.004
Oct 6 2021 12:14:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:15:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:16:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:17:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:18:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:19:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:20:00 PM	0.002	0.004	0.006	0.004
Oct 6 2021 12:21:00 PM	0.002	0.004	0.005	0.004
Oct 6 2021 12:22:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:23:00 PM	0.003	0.004	0.003	0.004
Oct 6 2021 12:24:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:25:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:26:00 PM	0.002	0.004	0.003	0.004
Oct 6 2021 12:27:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:28:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:29:00 PM	0.002	0.004	0.011	0.005
Oct 6 2021 12:30:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 12:31:00 PM	0.002	0.004	0.002	0.005
Oct 6 2021 12:32:00 PM	0.002	0.004	0.002	0.005
Oct 6 2021 12:33:00 PM	0.002	0.004	0.002	0.005
Oct 6 2021 12:34:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:35:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:36:00 PM	0.002	0.004	0.002	0.005
Oct 6 2021 12:37:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:38:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:39:00 PM	0.002	0.004	0.003	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 12:40:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 12:41:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 12:42:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:43:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 12:44:00 PM	0.003	0.004	0.004	0.005
Oct 6 2021 12:45:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:46:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:47:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:48:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:49:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:50:00 PM	0.002	0.004	0.005	0.005
Oct 6 2021 12:51:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 12:52:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:53:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:54:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:55:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:56:00 PM	0.003	0.004	0.004	0.005
Oct 6 2021 12:57:00 PM	0.003	0.004	0.01	0.005
Oct 6 2021 12:58:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 12:59:00 PM	0.003	0.004	0.02	0.005
Oct 6 2021 1:00:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 1:01:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:02:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:03:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:04:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:05:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:06:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:07:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:08:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:09:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:10:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:11:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:12:00 PM	0.002	0.004	0.005	0.005
Oct 6 2021 1:13:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:14:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:15:00 PM	0.002	0.004	0.005	0.005
Oct 6 2021 1:16:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:17:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:18:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:19:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:20:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:21:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:22:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:23:00 PM	0.001	0.004	0.003	0.005
Oct 6 2021 1:24:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:25:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:26:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:27:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:28:00 PM	0.002	0.004	0.006	0.005
Oct 6 2021 1:29:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:30:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:31:00 PM	0.002	0.004	0.01	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 1:32:00 PM	0.002	0.004	0.009	0.005
Oct 6 2021 1:33:00 PM	0.002	0.004	0.034	0.005
Oct 6 2021 1:34:00 PM	0.002	0.004	0.086	0.005
Oct 6 2021 1:35:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:36:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:37:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:38:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:39:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:40:00 PM	0.002	0.004	0.016	0.005
Oct 6 2021 1:41:00 PM	0.002	0.004	0.006	0.005
Oct 6 2021 1:42:00 PM	0.002	0.004	0.004	0.005
Oct 6 2021 1:43:00 PM	0.002	0.004	0.006	0.005
Oct 6 2021 1:44:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:45:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:46:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:47:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:48:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:49:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:50:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:51:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:52:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:53:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 1:54:00 PM	0.003	0.004	0.003	0.005
Oct 6 2021 1:55:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:56:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:57:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:58:00 PM	0.002	0.004	0.003	0.005
Oct 6 2021 1:59:00 PM	0.002	0.004	0.012	0.005
Oct 6 2021 2:00:00 PM	0.002	0.004	0.031	0.006
Oct 6 2021 2:01:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:02:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:03:00 PM	0.002	0.004	0.008	0.006
Oct 6 2021 2:04:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:05:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:06:00 PM	0.002	0.004	0.016	0.006
Oct 6 2021 2:07:00 PM	0.002	0.004	0.008	0.006
Oct 6 2021 2:08:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:09:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:10:00 PM	0.001	0.004	0.003	0.006
Oct 6 2021 2:11:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:12:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:13:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:14:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:15:00 PM	0.002	0.004	0.01	0.006
Oct 6 2021 2:16:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:17:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:18:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:19:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:20:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:21:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:22:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:23:00 PM	0.002	0.004	0.003	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 6 2021 2:24:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:25:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:26:00 PM	0.002	0.004	0.004	0.006
Oct 6 2021 2:27:00 PM	0.002	0.004	0.015	0.006
Oct 6 2021 2:28:00 PM	0.002	0.004	0.003	0.006
Oct 6 2021 2:29:00 PM	0.002	0.004	0.005	0.006
Oct 6 2021 2:30:00 PM	0.002	0.004	0.011	0.006
Oct 6 2021 2:31:00 PM	0.002	0.004	0.003	
Oct 6 2021 2:32:00 PM	0.002	0.004	0.003	
Oct 6 2021 2:33:00 PM	0.002	0.004	0.003	
Oct 6 2021 2:34:00 PM	0.003	0.004	0.004	
Oct 6 2021 2:35:00 PM	0.002	0.004	0.003	
Oct 6 2021 2:36:00 PM	0.003	0.004	0.003	
Oct 6 2021 2:37:00 PM	0.003	0.004	0.004	
Oct 6 2021 2:38:00 PM	0.003	0.004	0.004	
Oct 6 2021 2:39:00 PM	0.003	0.004	0.004	
Oct 6 2021 2:40:00 PM	0.003	0.004	0.016	
Oct 6 2021 2:41:00 PM	0.003	0.004		
Oct 6 2021 2:42:00 PM	0.003	0.004		
Oct 6 2021 2:43:00 PM	0.003	0.004		
Oct 6 2021 2:44:00 PM	0.003	0.004		
Oct 6 2021 2:45:00 PM	0.003	0.004		
Oct 6 2021 2:46:00 PM	0.003	0.004		
Oct 6 2021 2:47:00 PM	0.003	0.004		
Oct 6 2021 2:48:00 PM	0.003	0.004		
Oct 6 2021 2:49:00 PM	0.003	0.004		
Oct 6 2021 2:50:00 PM	0.003	0.004		
Oct 6 2021 2:51:00 PM	0.003	0.004		
Oct 6 2021 2:52:00 PM	0.003	0.004		
Oct 6 2021 2:53:00 PM	0.003	0.004		
Oct 6 2021 2:54:00 PM	0.003	0.004		
Oct 6 2021 2:55:00 PM	0.003	0.004		
Oct 6 2021 2:56:00 PM	0.003	0.004		
Oct 6 2021 2:57:00 PM	0.003	0.004		
Oct 6 2021 2:58:00 PM	0.003	0.004		
Oct 6 2021 2:59:00 PM	0.003	0.004		
Oct 6 2021 3:00:00 PM	0.003	0.004		
Oct 6 2021 3:01:00 PM	0.003	0.005		
Oct 6 2021 3:02:00 PM	0.003	0.005		
Oct 6 2021 3:03:00 PM	0.003	0.005		
Oct 6 2021 3:04:00 PM	0.003	0.005		
Oct 6 2021 3:05:00 PM	0.003	0.005		
Oct 6 2021 3:06:00 PM	0.004	0.005		
Oct 6 2021 3:07:00 PM	0.004	0.005		
Oct 6 2021 3:08:00 PM	0.004	0.005		
Oct 6 2021 3:09:00 PM	0.004	0.005		
Oct 6 2021 3:10:00 PM	0.005	0.005		
Oct 6 2021 3:11:00 PM	0.004	0.005		
Oct 6 2021 3:12:00 PM	0.003	0.005		
Oct 6 2021 3:13:00 PM	0.004	0.005		
Oct 6 2021 3:14:00 PM	0.003	0.005		
Oct 6 2021 3:15:00 PM	0.004	0.005		

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 6 2021 3:16:00 PM	0.004	0.005		
Oct 6 2021 3:17:00 PM	0.004	0.005		
Oct 6 2021 3:18:00 PM	0.004	0.005		
Oct 6 2021 3:19:00 PM	0.003	0.005		
Oct 6 2021 3:20:00 PM	0.005	0.005		
Oct 6 2021 3:21:00 PM	0.007			
Oct 6 2021 3:22:00 PM	0.007			
Oct 6 2021 3:23:00 PM	0.009			
Oct 6 2021 3:24:00 PM	0.005			
Oct 6 2021 3:25:00 PM	0.004			
Oct 6 2021 3:26:00 PM				
Oct 7 2021 7:27:00 AM				
Oct 7 2021 7:28:00 AM			0.005	0.007
Oct 7 2021 7:29:00 AM			0.005	0.007
Oct 7 2021 7:30:00 AM			0.005	0.007
Oct 7 2021 7:31:00 AM			0.005	0.007
Oct 7 2021 7:32:00 AM			0.005	0.007
Oct 7 2021 7:33:00 AM	0.004	0.005	0.005	0.007
Oct 7 2021 7:34:00 AM	0.006	0.005	0.005	0.007
Oct 7 2021 7:35:00 AM	0.009	0.004	0.005	0.007
Oct 7 2021 7:36:00 AM	0.009	0	0.005	0.007
Oct 7 2021 7:37:00 AM	0.009	0	0.005	0.007
Oct 7 2021 7:38:00 AM	0.009	0	0.005	0.007
Oct 7 2021 7:39:00 AM	0.01	0	0.008	0.006
Oct 7 2021 7:40:00 AM	0.009	0	0.011	0.002
Oct 7 2021 7:41:00 AM	0.009	0	0.01	0
Oct 7 2021 7:42:00 AM	0.009	0	0.011	0
Oct 7 2021 7:43:00 AM	0.009	0	0.011	0
Oct 7 2021 7:44:00 AM	0.009	0	0.01	0
Oct 7 2021 7:45:00 AM	0.009	0	0.011	0
Oct 7 2021 7:46:00 AM	0.009	0	0.011	0
Oct 7 2021 7:47:00 AM	0.009	0	0.012	0
Oct 7 2021 7:48:00 AM	0.01	0	0.012	0
Oct 7 2021 7:49:00 AM	0.01	0	0.011	0
Oct 7 2021 7:50:00 AM	0.01	0	0.011	0
Oct 7 2021 7:51:00 AM	0.01	0	0.011	0
Oct 7 2021 7:52:00 AM	0.009	0	0.01	0
Oct 7 2021 7:53:00 AM	0.009	0	0.01	0
Oct 7 2021 7:54:00 AM	0.009	0	0.009	0
Oct 7 2021 7:55:00 AM	0.009	0	0.009	0
Oct 7 2021 7:56:00 AM	0.009	0	0.01	0
Oct 7 2021 7:57:00 AM	0.009	0	0.01	0
Oct 7 2021 7:58:00 AM	0.009	0	0.012	0
Oct 7 2021 7:59:00 AM	0.009	0	0.01	0
Oct 7 2021 8:00:00 AM	0.009	0	0.01	0
Oct 7 2021 8:01:00 AM	0.008	0	0.009	0
Oct 7 2021 8:02:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:03:00 AM	0.008	0.001	0.008	0.001
Oct 7 2021 8:04:00 AM	0.008	0.001	0.008	0.001
Oct 7 2021 8:05:00 AM	0.008	0.001	0.008	0.001
Oct 7 2021 8:06:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:07:00 AM	0.008	0.001	0.009	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 8:08:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:09:00 AM	0.012	0.001	0.009	0.001
Oct 7 2021 8:10:00 AM	0.012	0.001	0.008	0.001
Oct 7 2021 8:11:00 AM	0.018	0.001	0.008	0.001
Oct 7 2021 8:12:00 AM	0.013	0.001	0.01	0.001
Oct 7 2021 8:13:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:14:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:15:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:16:00 AM	0.029	0.001	0.008	0.001
Oct 7 2021 8:17:00 AM	0.033	0.001	0.008	0.001
Oct 7 2021 8:18:00 AM	0.011	0.001	0.008	0.001
Oct 7 2021 8:19:00 AM	0.008	0.001	0.008	0.001
Oct 7 2021 8:20:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:21:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:22:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:23:00 AM	0.01	0.001	0.008	0.001
Oct 7 2021 8:24:00 AM	0.009	0.001	0.008	0.001
Oct 7 2021 8:25:00 AM	0.01	0.001	0.008	0.001
Oct 7 2021 8:26:00 AM	0.017	0.001	0.009	0.001
Oct 7 2021 8:27:00 AM	0.008	0.001	0.008	0.001
Oct 7 2021 8:28:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:29:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:30:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:31:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:32:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:33:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:34:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:35:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:36:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:37:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:38:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:39:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:40:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:41:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:42:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:43:00 AM	0.007	0.001	0.008	0.001
Oct 7 2021 8:44:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:45:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:46:00 AM	0.008	0.001	0.009	0.001
Oct 7 2021 8:47:00 AM	0.012	0.001	0.011	0.001
Oct 7 2021 8:48:00 AM	0.008	0.001	0.011	0.001
Oct 7 2021 8:49:00 AM	0.007	0.001	0.011	0.001
Oct 7 2021 8:50:00 AM	0.008	0.001	0.011	0.001
Oct 7 2021 8:51:00 AM	0.007	0.001	0.011	0.001
Oct 7 2021 8:52:00 AM	0.007	0.001	0.01	0.001
Oct 7 2021 8:53:00 AM	0.007	0.001	0.009	0.001
Oct 7 2021 8:54:00 AM	0.007	0.002	0.008	0.001
Oct 7 2021 8:55:00 AM	0.007	0.002	0.008	0.001
Oct 7 2021 8:56:00 AM	0.007	0.002	0.008	0.001
Oct 7 2021 8:57:00 AM	0.007	0.002	0.008	0.001
Oct 7 2021 8:58:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 8:59:00 AM	0.007	0.002	0.008	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 9:00:00 AM	0.008	0.002	0.009	0.002
Oct 7 2021 9:01:00 AM	0.008	0.002	0.009	0.002
Oct 7 2021 9:02:00 AM	0.009	0.002	0.009	0.002
Oct 7 2021 9:03:00 AM	0.009	0.002	0.009	0.002
Oct 7 2021 9:04:00 AM	0.008	0.002	0.01	0.002
Oct 7 2021 9:05:00 AM	0.008	0.002	0.01	0.002
Oct 7 2021 9:06:00 AM	0.009	0.002	0.011	0.002
Oct 7 2021 9:07:00 AM	0.009	0.002	0.011	0.002
Oct 7 2021 9:08:00 AM	0.009	0.002	0.011	0.002
Oct 7 2021 9:09:00 AM	0.009	0.002	0.011	0.002
Oct 7 2021 9:10:00 AM	0.007	0.002	0.015	0.002
Oct 7 2021 9:11:00 AM	0.007	0.002	0.028	0.002
Oct 7 2021 9:12:00 AM	0.007	0.002	0.008	0.002
Oct 7 2021 9:13:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 9:14:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 9:15:00 AM	0.006	0.002	0.009	0.002
Oct 7 2021 9:16:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 9:17:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 9:18:00 AM	0.007	0.002	0.009	0.002
Oct 7 2021 9:19:00 AM	0.007	0.002	0.01	0.002
Oct 7 2021 9:20:00 AM	0.007	0.002	0.02	0.002
Oct 7 2021 9:21:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:22:00 AM	0.006	0.002	0.009	0.002
Oct 7 2021 9:23:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:24:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:25:00 AM	0.007	0.002	0.008	0.002
Oct 7 2021 9:26:00 AM	0.007	0.002	0.007	0.002
Oct 7 2021 9:27:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:28:00 AM	0.007	0.002	0.01	0.002
Oct 7 2021 9:29:00 AM	0.007	0.002	0.008	0.002
Oct 7 2021 9:30:00 AM	0.007	0.002	0.008	0.002
Oct 7 2021 9:31:00 AM	0.007	0.002	0.007	0.002
Oct 7 2021 9:32:00 AM	0.007	0.002	0.007	0.002
Oct 7 2021 9:33:00 AM	0.007	0.002	0.007	0.002
Oct 7 2021 9:34:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:35:00 AM	0.006	0.002	0.008	0.002
Oct 7 2021 9:36:00 AM	0.006	0.002	0.007	0.002
Oct 7 2021 9:37:00 AM	0.006	0.002	0.009	0.002
Oct 7 2021 9:38:00 AM	0.006	0.002	0.007	0.002
Oct 7 2021 9:39:00 AM	0.006	0.002	0.007	0.002
Oct 7 2021 9:40:00 AM	0.006	0.002	0.011	0.002
Oct 7 2021 9:41:00 AM	0.006	0.002	0.029	0.002
Oct 7 2021 9:42:00 AM	0.006	0.002	0.007	0.002
Oct 7 2021 9:43:00 AM	0.006	0.002	0.007	0.002
Oct 7 2021 9:44:00 AM	0.005	0.002	0.008	0.002
Oct 7 2021 9:45:00 AM	0.005	0.002	0.007	0.002
Oct 7 2021 9:46:00 AM	0.005	0.002	0.011	0.002
Oct 7 2021 9:47:00 AM	0.005	0.002	0.007	0.003
Oct 7 2021 9:48:00 AM	0.005	0.002	0.006	0.003
Oct 7 2021 9:49:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:50:00 AM	0.005	0.002	0.008	0.003
Oct 7 2021 9:51:00 AM	0.006	0.002	0.008	0.003



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 9:52:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:53:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:54:00 AM	0.006	0.002	0.013	0.003
Oct 7 2021 9:55:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:56:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:57:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:58:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 9:59:00 AM	0.005	0.002	0.007	0.003
Oct 7 2021 10:00:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 10:01:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 10:02:00 AM	0.006	0.002	0.008	0.003
Oct 7 2021 10:03:00 AM	0.006	0.002	0.008	0.003
Oct 7 2021 10:04:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 10:05:00 AM	0.005	0.002	0.008	0.003
Oct 7 2021 10:06:00 AM	0.006	0.002	0.007	0.003
Oct 7 2021 10:07:00 AM	0.006	0.003	0.007	0.003
Oct 7 2021 10:08:00 AM	0.006	0.003	0.007	0.003
Oct 7 2021 10:09:00 AM	0.006	0.003	0.01	0.003
Oct 7 2021 10:10:00 AM	0.006	0.003	0.007	0.003
Oct 7 2021 10:11:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:12:00 AM	0.006	0.003	0.008	0.003
Oct 7 2021 10:13:00 AM	0.006	0.003	0.007	0.003
Oct 7 2021 10:14:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:15:00 AM	0.005	0.003	0.029	0.003
Oct 7 2021 10:16:00 AM	0.005	0.003	0.02	0.003
Oct 7 2021 10:17:00 AM	0.005	0.003	0.012	0.003
Oct 7 2021 10:18:00 AM	0.005	0.003	0.012	0.003
Oct 7 2021 10:19:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:20:00 AM	0.005	0.003	0.012	0.003
Oct 7 2021 10:21:00 AM	0.005	0.003	0.009	0.003
Oct 7 2021 10:22:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:23:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:24:00 AM	0.005	0.003	0.008	0.003
Oct 7 2021 10:25:00 AM	0.005	0.003	0.017	0.003
Oct 7 2021 10:26:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:27:00 AM	0.004	0.003	0.008	0.003
Oct 7 2021 10:28:00 AM	0.004	0.003	0.008	0.003
Oct 7 2021 10:29:00 AM	0.004	0.003	0.007	0.003
Oct 7 2021 10:30:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:31:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:32:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:33:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:34:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:35:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:36:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:37:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:38:00 AM	0.004	0.003	0.006	0.003
Oct 7 2021 10:39:00 AM	0.005	0.003	0.006	0.003
Oct 7 2021 10:40:00 AM	0.005	0.003	0.006	0.003
Oct 7 2021 10:41:00 AM	0.005	0.003	0.006	0.003
Oct 7 2021 10:42:00 AM	0.005	0.003	0.007	0.003
Oct 7 2021 10:43:00 AM	0.005	0.003	0.006	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 10:44:00 AM	0.005	0.003	0.012	0.003
Oct 7 2021 10:45:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 10:46:00 AM	0.006	0.003	0.01	0.004
Oct 7 2021 10:47:00 AM	0.006	0.003	0.012	0.004
Oct 7 2021 10:48:00 AM	0.006	0.003	0.009	0.004
Oct 7 2021 10:49:00 AM	0.007	0.003	0.008	0.004
Oct 7 2021 10:50:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 10:51:00 AM	0.006	0.003	0.009	0.004
Oct 7 2021 10:52:00 AM	0.007	0.003	0.009	0.004
Oct 7 2021 10:53:00 AM	0.007	0.003	0.009	0.004
Oct 7 2021 10:54:00 AM	0.006	0.003	0.009	0.004
Oct 7 2021 10:55:00 AM	0.006	0.003	0.009	0.004
Oct 7 2021 10:56:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 10:57:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 10:58:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 10:59:00 AM	0.006	0.003	0.009	0.004
Oct 7 2021 11:00:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:01:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:02:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:03:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:04:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:05:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:06:00 AM	0.006	0.003	0.011	0.004
Oct 7 2021 11:07:00 AM	0.005	0.003	0.01	0.004
Oct 7 2021 11:08:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:09:00 AM	0.005	0.003	0.125	0.004
Oct 7 2021 11:10:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:11:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:12:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:13:00 AM	0.006	0.003	0.017	0.004
Oct 7 2021 11:14:00 AM	0.006	0.003	0.018	0.004
Oct 7 2021 11:15:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:16:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:17:00 AM	0.006	0.003	0.011	0.004
Oct 7 2021 11:18:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:19:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:20:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:21:00 AM	0.007	0.003	0.008	0.004
Oct 7 2021 11:22:00 AM	0.006	0.003	0.008	0.004
Oct 7 2021 11:23:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:24:00 AM	0.005	0.003	0.008	0.004
Oct 7 2021 11:25:00 AM	0.005	0.003	0.008	0.005
Oct 7 2021 11:26:00 AM	0.005	0.003	0.01	0.005
Oct 7 2021 11:27:00 AM	0.005	0.003	0.008	0.005
Oct 7 2021 11:28:00 AM	0.005	0.003	0.007	0.005
Oct 7 2021 11:29:00 AM	0.005	0.003	0.007	0.005
Oct 7 2021 11:30:00 AM	0.004	0.003	0.007	0.005
Oct 7 2021 11:31:00 AM	0.004	0.003	0.008	0.005
Oct 7 2021 11:32:00 AM	0.005	0.003	0.007	0.005
Oct 7 2021 11:33:00 AM	0.004	0.003	0.008	0.005
Oct 7 2021 11:34:00 AM	0.005	0.003	0.011	0.005
Oct 7 2021 11:35:00 AM	0.005	0.003	0.008	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 11:36:00 AM	0.004	0.003	0.008	0.005
Oct 7 2021 11:37:00 AM	0.004	0.003	0.01	0.005
Oct 7 2021 11:38:00 AM	0.004	0.004	0.039	0.005
Oct 7 2021 11:39:00 AM	0.004	0.004	0.008	0.005
Oct 7 2021 11:40:00 AM	0.005	0.004	0.011	0.005
Oct 7 2021 11:41:00 AM	0.004	0.004	0.008	0.005
Oct 7 2021 11:42:00 AM	0.004	0.004	0.01	0.005
Oct 7 2021 11:43:00 AM	0.004	0.004	0.018	0.005
Oct 7 2021 11:44:00 AM	0.004	0.004	0.007	0.005
Oct 7 2021 11:45:00 AM	0.004	0.004	0.007	0.005
Oct 7 2021 11:46:00 AM	0.004	0.004	0.007	0.005
Oct 7 2021 11:47:00 AM	0.004	0.004	0.017	0.005
Oct 7 2021 11:48:00 AM	0.004	0.004	0.01	0.005
Oct 7 2021 11:49:00 AM	0.004	0.004	0.017	0.005
Oct 7 2021 11:50:00 AM	0.004	0.004	0.009	0.005
Oct 7 2021 11:51:00 AM	0.004	0.004	0.008	0.005
Oct 7 2021 11:52:00 AM	0.004	0.004	0.009	0.005
Oct 7 2021 11:53:00 AM	0.004	0.004	0.015	0.005
Oct 7 2021 11:54:00 AM	0.004	0.004	0.007	0.005
Oct 7 2021 11:55:00 AM	0.004	0.004	0.009	0.005
Oct 7 2021 11:56:00 AM	0.004	0.004	0.009	0.005
Oct 7 2021 11:57:00 AM	0.004	0.004	0.008	0.005
Oct 7 2021 11:58:00 AM	0.004	0.004	0.011	0.005
Oct 7 2021 11:59:00 AM	0.004	0.004	0.01	0.005
Oct 7 2021 12:00:00 PM	0.004	0.004	0.01	0.005
Oct 7 2021 12:01:00 PM	0.004	0.004	0.007	0.005
Oct 7 2021 12:02:00 PM	0.004	0.004	0.007	0.005
Oct 7 2021 12:03:00 PM	0.004	0.004	0.007	0.005
Oct 7 2021 12:04:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:05:00 PM	0.004	0.004	0.007	0.005
Oct 7 2021 12:06:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:07:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:08:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:09:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:10:00 PM	0.003	0.004	0.009	0.005
Oct 7 2021 12:11:00 PM	0.003	0.004	0.007	0.005
Oct 7 2021 12:12:00 PM	0.004	0.004	0.007	0.005
Oct 7 2021 12:13:00 PM	0.004	0.004	0.008	0.005
Oct 7 2021 12:14:00 PM	0.003	0.004	0.008	0.005
Oct 7 2021 12:15:00 PM	0.004	0.004	0.008	0.005
Oct 7 2021 12:16:00 PM	0.003	0.004	0.011	0.006
Oct 7 2021 12:17:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:18:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:19:00 PM	0.004	0.004	0.015	0.006
Oct 7 2021 12:20:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:21:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:22:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:23:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:24:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:25:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:26:00 PM	0.004	0.004	0.008	0.006
Oct 7 2021 12:27:00 PM	0.003	0.004	0.008	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 12:28:00 PM	0.003	0.004	0.007	0.006
Oct 7 2021 12:29:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:30:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:31:00 PM	0.003	0.004	0.013	0.006
Oct 7 2021 12:32:00 PM	0.004	0.004	0.009	0.006
Oct 7 2021 12:33:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:34:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:35:00 PM	0.003	0.004	0.012	0.006
Oct 7 2021 12:36:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:37:00 PM	0.003	0.004	0.009	0.006
Oct 7 2021 12:38:00 PM	0.003	0.004	0.023	0.006
Oct 7 2021 12:39:00 PM	0.003	0.004	0.033	0.006
Oct 7 2021 12:40:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:41:00 PM	0.003	0.004	0.022	0.006
Oct 7 2021 12:42:00 PM	0.003	0.004	0.022	0.006
Oct 7 2021 12:43:00 PM	0.003	0.004	0.019	0.006
Oct 7 2021 12:44:00 PM	0.004	0.004	0.011	0.006
Oct 7 2021 12:45:00 PM	0.003	0.004	0.012	0.006
Oct 7 2021 12:46:00 PM	0.003	0.004	0.01	0.006
Oct 7 2021 12:47:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:48:00 PM	0.003	0.004	0.011	0.006
Oct 7 2021 12:49:00 PM	0.003	0.004	0.009	0.006
Oct 7 2021 12:50:00 PM	0.003	0.004	0.009	0.006
Oct 7 2021 12:51:00 PM	0.003	0.004	0.01	0.006
Oct 7 2021 12:52:00 PM	0.003	0.004	0.009	0.006
Oct 7 2021 12:53:00 PM	0.003	0.004	0.012	0.006
Oct 7 2021 12:54:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:55:00 PM	0.003	0.004	0.012	0.006
Oct 7 2021 12:56:00 PM	0.003	0.004	0.012	0.006
Oct 7 2021 12:57:00 PM	0.003	0.004	0.008	0.006
Oct 7 2021 12:58:00 PM	0.003	0.004	0.015	0.006
Oct 7 2021 12:59:00 PM	0.003	0.004	0.017	0.007
Oct 7 2021 1:00:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:01:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:02:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:03:00 PM	0.004	0.004	0.008	0.007
Oct 7 2021 1:04:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:05:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:06:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:07:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:08:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:09:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:10:00 PM	0.003	0.004	0.012	0.007
Oct 7 2021 1:11:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:12:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:13:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:14:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:15:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:16:00 PM	0.003	0.004	0.016	0.007
Oct 7 2021 1:17:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:18:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:19:00 PM	0.003	0.004	0.009	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 1:20:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:21:00 PM	0.004	0.004	0.011	0.007
Oct 7 2021 1:22:00 PM	0.003	0.004	0.025	0.007
Oct 7 2021 1:23:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:24:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:25:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:26:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:27:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:28:00 PM	0.002	0.004	0.008	0.007
Oct 7 2021 1:29:00 PM	0.002	0.004	0.017	0.007
Oct 7 2021 1:30:00 PM	0.005	0.004	0.018	0.007
Oct 7 2021 1:31:00 PM	0.003	0.004	0.016	0.007
Oct 7 2021 1:32:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:33:00 PM	0.002	0.004	0.008	0.007
Oct 7 2021 1:34:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:35:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:36:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:37:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:38:00 PM	0.003	0.004	0.009	0.007
Oct 7 2021 1:39:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:40:00 PM	0.003	0.004	0.008	0.007
Oct 7 2021 1:41:00 PM	0.002	0.004	0.008	0.007
Oct 7 2021 1:42:00 PM	0.002	0.004	0.011	0.007
Oct 7 2021 1:43:00 PM	0.002	0.004	0.016	0.007
Oct 7 2021 1:44:00 PM	0.002	0.004	0.01	0.007
Oct 7 2021 1:45:00 PM	0.002	0.004	0.008	0.007
Oct 7 2021 1:46:00 PM	0.002	0.004	0.008	0.007
Oct 7 2021 1:47:00 PM	0.002	0.004	0.014	0.007
Oct 7 2021 1:48:00 PM	0.002	0.004	0.009	0.007
Oct 7 2021 1:49:00 PM	0.002	0.004	0.008	0.008
Oct 7 2021 1:50:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 1:51:00 PM	0.002	0.004	0.008	0.008
Oct 7 2021 1:52:00 PM	0.002	0.004	0.009	0.008
Oct 7 2021 1:53:00 PM	0.002	0.004	0.008	0.008
Oct 7 2021 1:54:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 1:55:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 1:56:00 PM	0.002	0.004	0.011	0.008
Oct 7 2021 1:57:00 PM	0.002	0.004	0.009	0.008
Oct 7 2021 1:58:00 PM	0.002	0.004	0.008	0.008
Oct 7 2021 1:59:00 PM	0.002	0.004	0.008	0.008
Oct 7 2021 2:00:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 2:01:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 2:02:00 PM	0.002	0.004	0.007	0.008
Oct 7 2021 2:03:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:04:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:05:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:06:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:07:00 PM	0.001	0.004	0.008	0.008
Oct 7 2021 2:08:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:09:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:10:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:11:00 PM	0.001	0.004	0.008	0.008

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 7 2021 2:12:00 PM	0.001	0.004	0.012	0.008
Oct 7 2021 2:13:00 PM	0.001	0.004	0.011	0.008
Oct 7 2021 2:14:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:15:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:16:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:17:00 PM	0.001	0.004	0.017	0.008
Oct 7 2021 2:18:00 PM	0.001	0.004	0.023	0.008
Oct 7 2021 2:19:00 PM	0.001	0.004	0.012	0.008
Oct 7 2021 2:20:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:21:00 PM	0.001	0.004	0.013	0.008
Oct 7 2021 2:22:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:23:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:24:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:25:00 PM	0.001	0.004	0.006	0.008
Oct 7 2021 2:26:00 PM	0.001	0.004	0.006	0.008
Oct 7 2021 2:27:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:28:00 PM	0.001	0.004	0.007	0.008
Oct 7 2021 2:29:00 PM	0.001	0.005	0.007	0.008
Oct 7 2021 2:30:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:31:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:32:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:33:00 PM	0.001	0.005	0.008	
Oct 7 2021 2:34:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:35:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:36:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:37:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:38:00 PM	0.001	0.005	0.007	
Oct 7 2021 2:39:00 PM	0			
Oct 7 2021 2:40:00 PM	0.001		0.006	
Oct 7 2021 2:41:00 PM	0.001			
Oct 7 2021 2:42:00 PM	0.002			
Oct 7 2021 2:43:00 PM	0.001			
Oct 7 2021 2:44:00 PM	0.001			
Oct 7 2021 2:45:00 PM	0.001			
Oct 7 2021 2:46:00 PM	0.002			
Oct 7 2021 2:47:00 PM	0.005			
Oct 7 2021 2:48:00 PM	0.01			
Oct 7 2021 2:49:00 PM	0.014			
Oct 7 2021 2:50:00 PM	0.005			
Oct 7 2021 2:51:00 PM	0.004			
Oct 7 2021 2:52:00 PM	0.005			
Oct 7 2021 2:53:00 PM	0.006			
Oct 7 2021 2:54:00 PM				
Oct 8 2021 6:55:00 AM				
Oct 8 2021 6:56:00 AM	0.007	0.005		
Oct 8 2021 6:57:00 AM	0.007	0.005	0.014	0.009
Oct 8 2021 6:58:00 AM	0.007	0.005	0.014	0.009
Oct 8 2021 6:59:00 AM	0.007	0.005	0.014	0.009
Oct 8 2021 7:00:00 AM	0.007	0.005	0.014	0.009
Oct 8 2021 7:01:00 AM	0.007	0.005	0.014	0.009
Oct 8 2021 7:02:00 AM	0.021	0.005	0.014	0.009
Oct 8 2021 7:03:00 AM	0.032	0.002	0.014	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 7:04:00 AM	0.03	0	0.014	0.009
Oct 8 2021 7:05:00 AM	0.037	0	0.014	0.009
Oct 8 2021 7:06:00 AM	0.043	0	0.014	0.009
Oct 8 2021 7:07:00 AM	0.031	0	0.014	0.009
Oct 8 2021 7:08:00 AM	0.031	0	0.014	0.009
Oct 8 2021 7:09:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:10:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:11:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:12:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:13:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:14:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:15:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:16:00 AM	0.029	0	0.014	0.009
Oct 8 2021 7:17:00 AM	0.029	0.001	0.014	0.009
Oct 8 2021 7:18:00 AM	0.03	0.001	0.014	0.009
Oct 8 2021 7:19:00 AM	0.03	0.001	0.014	0.009
Oct 8 2021 7:20:00 AM	0.03	0.001	0.014	0.009
Oct 8 2021 7:21:00 AM	0.03	0.001	0.014	0.009
Oct 8 2021 7:22:00 AM	0.031	0.001	0.014	0.009
Oct 8 2021 7:23:00 AM	0.031	0.001	0.014	0.009
Oct 8 2021 7:24:00 AM	0.031	0.001	0.014	0.009
Oct 8 2021 7:25:00 AM	0.031	0.001	0.014	0.009
Oct 8 2021 7:26:00 AM	0.031	0.002	0.014	0.009
Oct 8 2021 7:27:00 AM	0.031	0.002	0.014	0.009
Oct 8 2021 7:28:00 AM	0.031	0.002	0.02	0.009
Oct 8 2021 7:29:00 AM	0.031	0.002	0.03	0.005
Oct 8 2021 7:30:00 AM	0.031	0.002	0.03	0
Oct 8 2021 7:31:00 AM	0.031	0.002	0.03	0
Oct 8 2021 7:32:00 AM	0.031	0.002	0.03	0
Oct 8 2021 7:33:00 AM	0.031	0.002	0.03	0
Oct 8 2021 7:34:00 AM	0.032	0.002	0.029	0
Oct 8 2021 7:35:00 AM	0.032	0.002	0.03	0
Oct 8 2021 7:36:00 AM	0.032	0.002	0.03	0
Oct 8 2021 7:37:00 AM	0.032	0.002	0.031	0
Oct 8 2021 7:38:00 AM	0.032	0.002	0.031	0
Oct 8 2021 7:39:00 AM	0.032	0.002	0.032	0
Oct 8 2021 7:40:00 AM	0.031	0.002	0.031	0
Oct 8 2021 7:41:00 AM	0.032	0.003	0.031	0
Oct 8 2021 7:42:00 AM	0.037	0.003	0.031	0
Oct 8 2021 7:43:00 AM	0.032	0.003	0.031	0
Oct 8 2021 7:44:00 AM	0.032	0.003	0.031	0.001
Oct 8 2021 7:45:00 AM	0.033	0.003	0.034	0.001
Oct 8 2021 7:46:00 AM	0.032	0.003	0.034	0.001
Oct 8 2021 7:47:00 AM	0.033	0.003	0.032	0.001
Oct 8 2021 7:48:00 AM	0.033	0.003	0.034	0.001
Oct 8 2021 7:49:00 AM	0.033	0.003	0.033	0.001
Oct 8 2021 7:50:00 AM	0.034	0.003	0.032	0.001
Oct 8 2021 7:51:00 AM	0.034	0.003	0.032	0.001
Oct 8 2021 7:52:00 AM	0.035	0.003	0.032	0.001
Oct 8 2021 7:53:00 AM	0.035	0.003	0.033	0.002
Oct 8 2021 7:54:00 AM	0.036	0.003	0.033	0.002
Oct 8 2021 7:55:00 AM	0.035	0.004	0.032	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 7:56:00 AM	0.035	0.004	0.033	0.002
Oct 8 2021 7:57:00 AM	0.035	0.004	0.032	0.002
Oct 8 2021 7:58:00 AM	0.034	0.004	0.035	0.002
Oct 8 2021 7:59:00 AM	0.034	0.004	0.035	0.002
Oct 8 2021 8:00:00 AM	0.034	0.004	0.032	0.002
Oct 8 2021 8:01:00 AM	0.034	0.004	0.032	0.002
Oct 8 2021 8:02:00 AM	0.034	0.004	0.032	0.002
Oct 8 2021 8:03:00 AM	0.034	0.004	0.033	0.002
Oct 8 2021 8:04:00 AM	0.033	0.004	0.034	0.002
Oct 8 2021 8:05:00 AM	0.034	0.004	0.036	0.002
Oct 8 2021 8:06:00 AM	0.033	0.004	0.034	0.002
Oct 8 2021 8:07:00 AM	0.033	0.004	0.033	0.003
Oct 8 2021 8:08:00 AM	0.033	0.004	0.032	0.003
Oct 8 2021 8:09:00 AM	0.033	0.004	0.031	0.003
Oct 8 2021 8:10:00 AM	0.032	0.005	0.031	0.003
Oct 8 2021 8:11:00 AM	0.032	0.005	0.031	0.003
Oct 8 2021 8:12:00 AM	0.032	0.005	0.03	0.003
Oct 8 2021 8:13:00 AM	0.032	0.005	0.031	0.003
Oct 8 2021 8:14:00 AM	0.032	0.005	0.03	0.003
Oct 8 2021 8:15:00 AM	0.031	0.005	0.03	0.003
Oct 8 2021 8:16:00 AM	0.031	0.005	0.031	0.003
Oct 8 2021 8:17:00 AM	0.031	0.005	0.037	0.003
Oct 8 2021 8:18:00 AM	0.031	0.005	0.03	0.003
Oct 8 2021 8:19:00 AM	0.03	0.005	0.029	0.003
Oct 8 2021 8:20:00 AM	0.03	0.005	0.029	0.003
Oct 8 2021 8:21:00 AM	0.029	0.005	0.029	0.003
Oct 8 2021 8:22:00 AM	0.031	0.005	0.028	0.004
Oct 8 2021 8:23:00 AM	0.03	0.005	0.028	0.004
Oct 8 2021 8:24:00 AM	0.029	0.005	0.028	0.004
Oct 8 2021 8:25:00 AM	0.029	0.006	0.029	0.004
Oct 8 2021 8:26:00 AM	0.029	0.006	0.031	0.004
Oct 8 2021 8:27:00 AM	0.031	0.006	0.031	0.004
Oct 8 2021 8:28:00 AM	0.031	0.006	0.031	0.004
Oct 8 2021 8:29:00 AM	0.031	0.006	0.031	0.004
Oct 8 2021 8:30:00 AM	0.031	0.006	0.03	0.004
Oct 8 2021 8:31:00 AM	0.031	0.006	0.03	0.004
Oct 8 2021 8:32:00 AM	0.031	0.006	0.03	0.004
Oct 8 2021 8:33:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:34:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:35:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:36:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:37:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:38:00 AM	0.03	0.006	0.03	0.004
Oct 8 2021 8:39:00 AM	0.029	0.006	0.03	0.005
Oct 8 2021 8:40:00 AM	0.029	0.006	0.03	0.005
Oct 8 2021 8:41:00 AM	0.029	0.007	0.03	0.005
Oct 8 2021 8:42:00 AM	0.029	0.007	0.029	0.005
Oct 8 2021 8:43:00 AM	0.029	0.007	0.029	0.005
Oct 8 2021 8:44:00 AM	0.028	0.007	0.029	0.005
Oct 8 2021 8:45:00 AM	0.028	0.007	0.029	0.005
Oct 8 2021 8:46:00 AM	0.028	0.007	0.028	0.005
Oct 8 2021 8:47:00 AM	0.028	0.007	0.028	0.005



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 8:48:00 AM	0.027	0.007	0.028	0.005
Oct 8 2021 8:49:00 AM	0.027	0.007	0.027	0.005
Oct 8 2021 8:50:00 AM	0.028	0.007	0.027	0.005
Oct 8 2021 8:51:00 AM	0.027	0.007	0.027	0.005
Oct 8 2021 8:52:00 AM	0.029	0.007	0.026	0.005
Oct 8 2021 8:53:00 AM	0.027	0.007	0.026	0.005
Oct 8 2021 8:54:00 AM	0.026	0.007	0.026	0.005
Oct 8 2021 8:55:00 AM	0.027	0.007	0.025	0.005
Oct 8 2021 8:56:00 AM	0.026	0.007	0.025	0.006
Oct 8 2021 8:57:00 AM	0.026	0.007	0.026	0.006
Oct 8 2021 8:58:00 AM	0.026	0.008	0.026	0.006
Oct 8 2021 8:59:00 AM	0.028	0.008	0.025	0.006
Oct 8 2021 9:00:00 AM	0.025	0.008	0.025	0.006
Oct 8 2021 9:01:00 AM	0.024	0.008	0.026	0.006
Oct 8 2021 9:02:00 AM	0.025	0.008	0.024	0.006
Oct 8 2021 9:03:00 AM	0.024	0.008	0.023	0.006
Oct 8 2021 9:04:00 AM	0.024	0.008	0.023	0.006
Oct 8 2021 9:05:00 AM	0.023	0.008	0.023	0.006
Oct 8 2021 9:06:00 AM	0.023	0.008	0.023	0.006
Oct 8 2021 9:07:00 AM	0.022	0.008	0.022	0.006
Oct 8 2021 9:08:00 AM	0.022	0.008	0.022	0.006
Oct 8 2021 9:09:00 AM	0.021	0.008	0.021	0.006
Oct 8 2021 9:10:00 AM	0.021	0.008	0.021	0.006
Oct 8 2021 9:11:00 AM	0.021	0.008	0.021	0.006
Oct 8 2021 9:12:00 AM	0.02	0.008	0.021	0.006
Oct 8 2021 9:13:00 AM	0.02	0.008	0.021	0.006
Oct 8 2021 9:14:00 AM	0.02	0.008	0.02	0.006
Oct 8 2021 9:15:00 AM	0.019	0.008	0.02	0.006
Oct 8 2021 9:16:00 AM	0.019	0.008	0.02	0.007
Oct 8 2021 9:17:00 AM	0.019	0.008	0.02	0.007
Oct 8 2021 9:18:00 AM	0.019	0.008	0.021	0.007
Oct 8 2021 9:19:00 AM	0.019	0.008	0.02	0.007
Oct 8 2021 9:20:00 AM	0.018	0.009	0.019	0.007
Oct 8 2021 9:21:00 AM	0.02	0.009	0.02	0.007
Oct 8 2021 9:22:00 AM	0.018	0.009	0.019	0.007
Oct 8 2021 9:23:00 AM	0.018	0.009	0.019	0.007
Oct 8 2021 9:24:00 AM	0.018	0.009	0.018	0.007
Oct 8 2021 9:25:00 AM	0.018	0.009	0.018	0.007
Oct 8 2021 9:26:00 AM	0.017	0.009	0.018	0.007
Oct 8 2021 9:27:00 AM	0.018	0.009	0.017	0.007
Oct 8 2021 9:28:00 AM	0.016	0.009	0.016	0.007
Oct 8 2021 9:29:00 AM	0.017	0.009	0.017	0.007
Oct 8 2021 9:30:00 AM	0.016	0.009	0.016	0.007
Oct 8 2021 9:31:00 AM	0.016	0.009	0.016	0.007
Oct 8 2021 9:32:00 AM	0.021	0.009	0.016	0.007
Oct 8 2021 9:33:00 AM	0.016	0.009	0.016	0.007
Oct 8 2021 9:34:00 AM	0.014	0.009	0.016	0.007
Oct 8 2021 9:35:00 AM	0.014	0.009	0.015	0.007
Oct 8 2021 9:36:00 AM	0.023	0.009	0.015	0.007
Oct 8 2021 9:37:00 AM	0.015	0.009	0.015	0.007
Oct 8 2021 9:38:00 AM	0.015	0.009	0.015	0.007
Oct 8 2021 9:39:00 AM	0.013	0.009	0.015	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 9:40:00 AM	0.013	0.009	0.015	0.007
Oct 8 2021 9:41:00 AM	0.013	0.009	0.014	0.007
Oct 8 2021 9:42:00 AM	0.013	0.009	0.014	0.007
Oct 8 2021 9:43:00 AM	0.013	0.009	0.014	0.007
Oct 8 2021 9:44:00 AM	0.013	0.009	0.014	0.008
Oct 8 2021 9:45:00 AM	0.013	0.009	0.014	0.008
Oct 8 2021 9:46:00 AM	0.013	0.009	0.014	0.008
Oct 8 2021 9:47:00 AM	0.013	0.009	0.013	0.008
Oct 8 2021 9:48:00 AM	0.012	0.009	0.013	0.008
Oct 8 2021 9:49:00 AM	0.012	0.009	0.013	0.008
Oct 8 2021 9:50:00 AM	0.013	0.009	0.013	0.008
Oct 8 2021 9:51:00 AM	0.013	0.01	0.013	0.008
Oct 8 2021 9:52:00 AM	0.013	0.01	0.013	0.008
Oct 8 2021 9:53:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 9:54:00 AM	0.013	0.01	0.013	0.008
Oct 8 2021 9:55:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 9:56:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 9:57:00 AM	0.013	0.01	0.014	0.008
Oct 8 2021 9:58:00 AM	0.013	0.01	0.017	0.008
Oct 8 2021 9:59:00 AM	0.012	0.01	0.017	0.008
Oct 8 2021 10:00:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:01:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:02:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:03:00 AM	0.013	0.01	0.013	0.008
Oct 8 2021 10:04:00 AM	0.012	0.01	0.012	0.008
Oct 8 2021 10:05:00 AM	0.012	0.01	0.012	0.008
Oct 8 2021 10:06:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:07:00 AM	0.015	0.01	0.013	0.008
Oct 8 2021 10:08:00 AM	0.012	0.01	0.014	0.008
Oct 8 2021 10:09:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:10:00 AM	0.012	0.01	0.013	0.008
Oct 8 2021 10:11:00 AM	0.011	0.01	0.013	0.008
Oct 8 2021 10:12:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:13:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:14:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:15:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:16:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:17:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:18:00 AM	0.012	0.01	0.012	0.008
Oct 8 2021 10:19:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:20:00 AM	0.011	0.01	0.012	0.008
Oct 8 2021 10:21:00 AM	0.011	0.01	0.012	0.009
Oct 8 2021 10:22:00 AM	0.011	0.01	0.012	0.009
Oct 8 2021 10:23:00 AM	0.011	0.01	0.012	0.009
Oct 8 2021 10:24:00 AM	0.047	0.01	0.012	0.009
Oct 8 2021 10:25:00 AM	0.029	0.01	0.013	0.009
Oct 8 2021 10:26:00 AM	0.026	0.01	0.012	0.009
Oct 8 2021 10:27:00 AM	0.02	0.011	0.011	0.009
Oct 8 2021 10:28:00 AM	0.025	0.011	0.011	0.009
Oct 8 2021 10:29:00 AM	0.015	0.011	0.011	0.009
Oct 8 2021 10:30:00 AM	0.012	0.011	0.011	0.009
Oct 8 2021 10:31:00 AM	0.012	0.011	0.011	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 10:32:00 AM	0.011	0.011	0.011	0.009
Oct 8 2021 10:33:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:34:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:35:00 AM	0.011	0.011	0.011	0.009
Oct 8 2021 10:36:00 AM	0.011	0.011	0.011	0.009
Oct 8 2021 10:37:00 AM	0.011	0.011	0.011	0.009
Oct 8 2021 10:38:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:39:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:40:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:41:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:42:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:43:00 AM	0.019	0.011	0.011	0.009
Oct 8 2021 10:44:00 AM	0.015	0.011	0.011	0.009
Oct 8 2021 10:45:00 AM	0.01	0.011	0.012	0.009
Oct 8 2021 10:46:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:47:00 AM	0.01	0.011	0.012	0.009
Oct 8 2021 10:48:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:49:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:50:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:51:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:52:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:53:00 AM	0.01	0.011	0.012	0.009
Oct 8 2021 10:54:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 10:55:00 AM	0.01	0.011	0.012	0.009
Oct 8 2021 10:56:00 AM	0.012	0.011	0.012	0.009
Oct 8 2021 10:57:00 AM	0.012	0.011	0.012	0.009
Oct 8 2021 10:58:00 AM	0.009	0.011	0.014	0.009
Oct 8 2021 10:59:00 AM	0.019	0.011	0.012	0.009
Oct 8 2021 11:00:00 AM	0.01	0.011	0.012	0.009
Oct 8 2021 11:01:00 AM	0.01	0.011	0.011	0.009
Oct 8 2021 11:02:00 AM	0.01	0.011	0.012	0.01
Oct 8 2021 11:03:00 AM	0.01	0.011	0.012	0.01
Oct 8 2021 11:04:00 AM	0.01	0.011	0.012	0.01
Oct 8 2021 11:05:00 AM	0.031	0.011	0.012	0.01
Oct 8 2021 11:06:00 AM	0.023	0.012	0.012	0.01
Oct 8 2021 11:07:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:08:00 AM	0.011	0.012	0.013	0.01
Oct 8 2021 11:09:00 AM	0.009	0.012	0.015	0.01
Oct 8 2021 11:10:00 AM	0.009	0.012	0.027	0.01
Oct 8 2021 11:11:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:12:00 AM	0.009	0.012	0.011	0.01
Oct 8 2021 11:13:00 AM	0.009	0.012	0.011	0.01
Oct 8 2021 11:14:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:15:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:16:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:17:00 AM	0.008	0.012	0.012	0.01
Oct 8 2021 11:18:00 AM	0.009	0.012	0.013	0.01
Oct 8 2021 11:19:00 AM	0.009	0.012	0.013	0.01
Oct 8 2021 11:20:00 AM	0.01	0.012	0.029	0.01
Oct 8 2021 11:21:00 AM	0.009	0.012	0.014	0.01
Oct 8 2021 11:22:00 AM	0.009	0.012	0.029	0.01
Oct 8 2021 11:23:00 AM	0.016	0.012	0.026	0.01

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 11:24:00 AM	0.01	0.012	0.036	0.01
Oct 8 2021 11:25:00 AM	0.009	0.012	0.091	0.01
Oct 8 2021 11:26:00 AM	0.009	0.012	0.013	0.01
Oct 8 2021 11:27:00 AM	0.009	0.012	0.012	0.01
Oct 8 2021 11:28:00 AM	0.009	0.012	0.013	0.011
Oct 8 2021 11:29:00 AM	0.009	0.012	0.012	0.011
Oct 8 2021 11:30:00 AM	0.013	0.012	0.012	0.011
Oct 8 2021 11:31:00 AM	0.014	0.012	0.012	0.011
Oct 8 2021 11:32:00 AM	0.011	0.012	0.012	0.011
Oct 8 2021 11:33:00 AM	0.013	0.012	0.012	0.011
Oct 8 2021 11:34:00 AM	0.008	0.012	0.012	0.011
Oct 8 2021 11:35:00 AM	0.008	0.012	0.012	0.011
Oct 8 2021 11:36:00 AM	0.009	0.012	0.012	0.011
Oct 8 2021 11:37:00 AM	0.008	0.012	0.017	0.011
Oct 8 2021 11:38:00 AM	0.008	0.012	0.018	0.011
Oct 8 2021 11:39:00 AM	0.008	0.012	0.012	0.011
Oct 8 2021 11:40:00 AM	0.008	0.012	0.012	0.011
Oct 8 2021 11:41:00 AM	0.008	0.012	0.013	0.011
Oct 8 2021 11:42:00 AM	0.011	0.012	0.013	0.011
Oct 8 2021 11:43:00 AM	0.013	0.012	0.013	0.011
Oct 8 2021 11:44:00 AM	0.008	0.012	0.013	0.011
Oct 8 2021 11:45:00 AM	0.009	0.012	0.012	0.011
Oct 8 2021 11:46:00 AM	0.01	0.012	0.013	0.011
Oct 8 2021 11:47:00 AM	0.015	0.012	0.013	0.011
Oct 8 2021 11:48:00 AM	0.009	0.012	0.013	0.011
Oct 8 2021 11:49:00 AM	0.047	0.012	0.013	0.011
Oct 8 2021 11:50:00 AM	0.06	0.013	0.015	0.011
Oct 8 2021 11:51:00 AM	0.018	0.013	0.014	0.011
Oct 8 2021 11:52:00 AM	0.007	0.013	0.025	0.011
Oct 8 2021 11:53:00 AM	0.009	0.013	0.013	0.011
Oct 8 2021 11:54:00 AM	0.009	0.013	0.017	0.011
Oct 8 2021 11:55:00 AM	0.008	0.013	0.014	0.011
Oct 8 2021 11:56:00 AM	0.009	0.013	0.013	0.011
Oct 8 2021 11:57:00 AM	0.008	0.013	0.013	0.011
Oct 8 2021 11:58:00 AM	0.008	0.013	0.013	0.011
Oct 8 2021 11:59:00 AM	0.011	0.013	0.013	0.011
Oct 8 2021 12:00:00 PM	0.013	0.013	0.013	0.011
Oct 8 2021 12:01:00 PM	0.017	0.013	0.013	0.011
Oct 8 2021 12:02:00 PM	0.011	0.013	0.013	0.011
Oct 8 2021 12:03:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:04:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:05:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:06:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:07:00 PM	0.009	0.013	0.015	0.012
Oct 8 2021 12:08:00 PM	0.009	0.013	0.016	0.012
Oct 8 2021 12:09:00 PM	0.011	0.013	0.013	0.012
Oct 8 2021 12:10:00 PM	0.016	0.013	0.013	0.012
Oct 8 2021 12:11:00 PM	0.023	0.013	0.013	0.012
Oct 8 2021 12:12:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:13:00 PM	0.008	0.013	0.013	0.012
Oct 8 2021 12:14:00 PM	0.008	0.013	0.013	0.012
Oct 8 2021 12:15:00 PM	0.008	0.013	0.013	0.012

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 12:16:00 PM	0.008	0.013	0.013	0.012
Oct 8 2021 12:17:00 PM	0.008	0.013	0.013	0.012
Oct 8 2021 12:18:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:19:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:20:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:21:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:22:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:23:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:24:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:25:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:26:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:27:00 PM	0.009	0.013	0.013	0.012
Oct 8 2021 12:28:00 PM	0.011	0.013	0.013	0.012
Oct 8 2021 12:29:00 PM	0.01	0.013	0.013	0.012
Oct 8 2021 12:30:00 PM	0.012	0.013	0.013	0.012
Oct 8 2021 12:31:00 PM	0.016	0.013	0.013	0.012
Oct 8 2021 12:32:00 PM	0.012	0.014	0.013	0.012
Oct 8 2021 12:33:00 PM	0.011	0.014	0.013	0.012
Oct 8 2021 12:34:00 PM	0.015	0.014	0.013	0.012
Oct 8 2021 12:35:00 PM	0.021	0.014	0.013	0.012
Oct 8 2021 12:36:00 PM	0.012	0.014	0.013	0.012
Oct 8 2021 12:37:00 PM	0.011	0.014	0.014	0.012
Oct 8 2021 12:38:00 PM	0.022	0.014	0.014	0.012
Oct 8 2021 12:39:00 PM	0.02	0.014	0.014	0.012
Oct 8 2021 12:40:00 PM	0.014	0.014	0.014	0.013
Oct 8 2021 12:41:00 PM	0.011	0.014	0.015	0.013
Oct 8 2021 12:42:00 PM	0.011	0.014	0.017	0.013
Oct 8 2021 12:43:00 PM	0.014	0.014	0.018	0.013
Oct 8 2021 12:44:00 PM	0.016	0.014	0.017	0.013
Oct 8 2021 12:45:00 PM	0.015	0.014	0.017	0.013
Oct 8 2021 12:46:00 PM	0.015	0.014	0.023	0.013
Oct 8 2021 12:47:00 PM	0.014	0.014	0.022	0.013
Oct 8 2021 12:48:00 PM	0.016	0.014	0.023	0.013
Oct 8 2021 12:49:00 PM	0.022	0.014	0.025	0.013
Oct 8 2021 12:50:00 PM	0.028	0.014	0.026	0.013
Oct 8 2021 12:51:00 PM	0.022	0.014	0.028	0.013
Oct 8 2021 12:52:00 PM	0.028	0.014	0.025	0.013
Oct 8 2021 12:53:00 PM	0.029	0.014	0.025	0.013
Oct 8 2021 12:54:00 PM	0.029	0.014	0.096	0.013
Oct 8 2021 12:55:00 PM	0.027	0.014	0.071	0.013
Oct 8 2021 12:56:00 PM	0.023	0.014	0.028	0.013
Oct 8 2021 12:57:00 PM	0.023	0.015	0.024	0.014
Oct 8 2021 12:58:00 PM	0.021	0.015	0.024	0.014
Oct 8 2021 12:59:00 PM	0.02	0.015	0.024	0.014
Oct 8 2021 1:00:00 PM	0.027	0.015	0.024	0.014
Oct 8 2021 1:01:00 PM	0.024	0.015	0.025	0.014
Oct 8 2021 1:02:00 PM	0.026	0.015	0.029	0.014
Oct 8 2021 1:03:00 PM	0.024	0.015	0.026	0.014
Oct 8 2021 1:04:00 PM	0.025	0.015	0.023	0.014
Oct 8 2021 1:05:00 PM	0.025	0.015	0.029	0.014
Oct 8 2021 1:06:00 PM	0.024	0.015	0.036	0.014
Oct 8 2021 1:07:00 PM	0.025	0.015	0.056	0.014

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 1:08:00 PM	0.031	0.015	0.025	0.014
Oct 8 2021 1:09:00 PM	0.025	0.015	0.123	0.014
Oct 8 2021 1:10:00 PM	0.031	0.015	0.022	0.015
Oct 8 2021 1:11:00 PM	0.027	0.015	0.024	0.015
Oct 8 2021 1:12:00 PM	0.025	0.015	0.023	0.015
Oct 8 2021 1:13:00 PM	0.021	0.015	0.02	0.015
Oct 8 2021 1:14:00 PM	0.017	0.015	0.019	0.015
Oct 8 2021 1:15:00 PM	0.019	0.015	0.019	0.015
Oct 8 2021 1:16:00 PM	0.018	0.015	0.019	0.015
Oct 8 2021 1:17:00 PM	0.017	0.015	0.018	0.015
Oct 8 2021 1:18:00 PM	0.016	0.016	0.018	0.015
Oct 8 2021 1:19:00 PM	0.015	0.016	0.017	0.015
Oct 8 2021 1:20:00 PM	0.017	0.016	0.017	0.015
Oct 8 2021 1:21:00 PM	0.016	0.016	0.016	0.015
Oct 8 2021 1:22:00 PM	0.022	0.016	0.016	0.015
Oct 8 2021 1:23:00 PM	0.021	0.016	0.016	0.015
Oct 8 2021 1:24:00 PM	0.018	0.016	0.016	0.015
Oct 8 2021 1:25:00 PM	0.018	0.016	0.016	0.015
Oct 8 2021 1:26:00 PM	0.024	0.016	0.016	0.015
Oct 8 2021 1:27:00 PM	0.019	0.016	0.016	0.015
Oct 8 2021 1:28:00 PM	0.02	0.016	0.015	0.015
Oct 8 2021 1:29:00 PM	0.019	0.016	0.015	0.015
Oct 8 2021 1:30:00 PM	0.02	0.016	0.016	0.015
Oct 8 2021 1:31:00 PM	0.018	0.016	0.015	0.015
Oct 8 2021 1:32:00 PM	0.016	0.016	0.016	0.015
Oct 8 2021 1:33:00 PM	0.027	0.016	0.015	0.015
Oct 8 2021 1:34:00 PM	0.025	0.016	0.015	0.015
Oct 8 2021 1:35:00 PM	0.023	0.016	0.015	0.015
Oct 8 2021 1:36:00 PM	0.019	0.016	0.015	0.015
Oct 8 2021 1:37:00 PM	0.016	0.016	0.015	0.015
Oct 8 2021 1:38:00 PM	0.02	0.016	0.015	0.016
Oct 8 2021 1:39:00 PM	0.019	0.016	0.015	0.016
Oct 8 2021 1:40:00 PM	0.021	0.016	0.015	0.016
Oct 8 2021 1:41:00 PM	0.018	0.016	0.015	0.016
Oct 8 2021 1:42:00 PM	0.023	0.016	0.015	0.016
Oct 8 2021 1:43:00 PM	0.016	0.017	0.016	0.016
Oct 8 2021 1:44:00 PM	0.014	0.017	0.015	0.016
Oct 8 2021 1:45:00 PM	0.015	0.017	0.015	0.016
Oct 8 2021 1:46:00 PM	0.017	0.017	0.014	0.016
Oct 8 2021 1:47:00 PM	0.018	0.017	0.014	0.016
Oct 8 2021 1:48:00 PM	0.019	0.017	0.014	0.016
Oct 8 2021 1:49:00 PM	0.013	0.017	0.014	0.016
Oct 8 2021 1:50:00 PM	0.012	0.017	0.015	0.016
Oct 8 2021 1:51:00 PM	0.013	0.017	0.014	0.016
Oct 8 2021 1:52:00 PM	0.016	0.017	0.015	0.016
Oct 8 2021 1:53:00 PM	0.016	0.017	0.014	0.016
Oct 8 2021 1:54:00 PM	0.018		0.014	0.016
Oct 8 2021 1:55:00 PM	0.014		0.014	0.016
Oct 8 2021 1:56:00 PM	0.013		0.017	0.016
Oct 8 2021 1:57:00 PM	0.015		0.022	0.016
Oct 8 2021 1:58:00 PM	0.019		0.034	0.016
Oct 8 2021 1:59:00 PM	0.032		0.041	0.016

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 8 2021 2:00:00 PM	0.04		0.051	0.016
Oct 8 2021 2:01:00 PM	0.042		0.051	0.016
Oct 8 2021 2:02:00 PM	0.042		0.054	0.016
Oct 8 2021 2:03:00 PM	0.027			
Oct 8 2021 2:04:00 PM				
Oct 11 2021 11:56:00 AM			0.004	0
Oct 11 2021 11:57:00 AM	0	0	0.008	0
Oct 11 2021 11:58:00 AM	0	0	0.008	0
Oct 11 2021 11:59:00 AM	0	0	0.008	0
Oct 11 2021 12:00:00 PM	0	0	0.008	0
Oct 11 2021 12:01:00 PM	0	0	0.008	0
Oct 11 2021 12:02:00 PM	0	0	0.008	0
Oct 11 2021 12:03:00 PM	0	0	0.008	0
Oct 11 2021 12:04:00 PM	0	0	0.008	0
Oct 11 2021 12:05:00 PM	0	0	0.008	0
Oct 11 2021 12:06:00 PM	0	0	0.008	0
Oct 11 2021 12:07:00 PM	0	0	0.008	0
Oct 11 2021 12:08:00 PM	0	0	0.008	0
Oct 11 2021 12:09:00 PM	0	0	0.008	0
Oct 11 2021 12:10:00 PM	0	0	0.008	0
Oct 11 2021 12:11:00 PM	0	0	0.008	0
Oct 11 2021 12:12:00 PM	0	0	0.008	0
Oct 11 2021 12:13:00 PM	0	0	0.008	0
Oct 11 2021 12:14:00 PM	0	0	0.008	0
Oct 11 2021 12:15:00 PM	0	0	0.008	0
Oct 11 2021 12:16:00 PM	0	0	0.008	0
Oct 11 2021 12:17:00 PM	0	0	0.008	0
Oct 11 2021 12:18:00 PM	0	0	0.008	0
Oct 11 2021 12:19:00 PM	0	0	0.008	0
Oct 11 2021 12:20:00 PM	0	0	0.008	0
Oct 11 2021 12:21:00 PM	0	0	0.008	0
Oct 11 2021 12:22:00 PM	0	0	0.008	0
Oct 11 2021 12:23:00 PM	0	0	0.008	0
Oct 11 2021 12:24:00 PM	0	0	0.008	0
Oct 11 2021 12:25:00 PM	0	0	0.008	0
Oct 11 2021 12:26:00 PM	0	0	0.008	0
Oct 11 2021 12:27:00 PM	0	0	0.008	0
Oct 11 2021 12:28:00 PM	0	0	0.008	0
Oct 11 2021 12:29:00 PM	0	0	0.008	0
Oct 11 2021 12:30:00 PM	0	0	0.008	0
Oct 11 2021 12:31:00 PM	0.011	0	0.009	0
Oct 11 2021 12:32:00 PM	0.009	0	0.01	0
Oct 11 2021 12:33:00 PM	0.007	0	0.01	0
Oct 11 2021 12:34:00 PM	0.006	0	0.01	0
Oct 11 2021 12:35:00 PM	0.005	0	0.01	0
Oct 11 2021 12:36:00 PM	0.004	0	0.01	0
Oct 11 2021 12:37:00 PM	0.003	0	0.01	0
Oct 11 2021 12:38:00 PM	0.003	0	0.01	0
Oct 11 2021 12:39:00 PM	0.003	0	0.01	0
Oct 11 2021 12:40:00 PM	0.003	0	0.01	0
Oct 11 2021 12:41:00 PM	0.003	0	0.01	0
Oct 11 2021 12:42:00 PM	0.003	0	0.01	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 11 2021 12:43:00 PM	0.003	0	0.01	0
Oct 11 2021 12:44:00 PM	0.003	0	0.01	0
Oct 11 2021 12:45:00 PM	0.003	0	0.01	0
Oct 11 2021 12:46:00 PM	0.003	0	0.01	0
Oct 11 2021 12:47:00 PM	0.003	0	0.01	0
Oct 11 2021 12:48:00 PM	0.005	0	0.01	0
Oct 11 2021 12:49:00 PM	0.005	0	0.01	0
Oct 11 2021 12:50:00 PM	0.005	0	0.01	0
Oct 11 2021 12:51:00 PM	0.005	0	0.01	0
Oct 11 2021 12:52:00 PM	0.004	0	0.01	0
Oct 11 2021 12:53:00 PM	0.004	0	0.01	0
Oct 11 2021 12:54:00 PM	0.003	0	0.01	0
Oct 11 2021 12:55:00 PM	0.003	0	0.01	0.001
Oct 11 2021 12:56:00 PM	0.003	0	0.01	0.001
Oct 11 2021 12:57:00 PM	0.003	0	0.01	0.001
Oct 11 2021 12:58:00 PM	0.003	0	0.01	0.001
Oct 11 2021 12:59:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:00:00 PM	0.004	0	0.01	0.001
Oct 11 2021 1:01:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:02:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:03:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:04:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:05:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:06:00 PM	0.002	0	0.01	0.001
Oct 11 2021 1:07:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:08:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:09:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:10:00 PM	0.002	0	0.011	0.001
Oct 11 2021 1:11:00 PM	0.002	0	0.01	0.001
Oct 11 2021 1:12:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:13:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:14:00 PM	0.004	0	0.01	0.001
Oct 11 2021 1:15:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:16:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:17:00 PM	0.004	0	0.011	0.001
Oct 11 2021 1:18:00 PM	0.004	0	0.011	0.001
Oct 11 2021 1:19:00 PM	0.003	0	0.011	0.001
Oct 11 2021 1:20:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:21:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:22:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:23:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:24:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:25:00 PM	0.002	0	0.01	0.001
Oct 11 2021 1:26:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:27:00 PM	0.003	0	0.01	0.001
Oct 11 2021 1:28:00 PM	0.004	0	0.011	0.001
Oct 11 2021 1:29:00 PM	0.005	0	0.01	0.001
Oct 11 2021 1:30:00 PM	0.005	0	0.01	0.001
Oct 11 2021 1:31:00 PM	0.005	0	0.01	0.001
Oct 11 2021 1:32:00 PM	0.005	0	0.01	0.001
Oct 11 2021 1:33:00 PM	0.004	0	0.01	0.001
Oct 11 2021 1:34:00 PM	0.004	0	0.01	0.001



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 11 2021 1:35:00 PM	0.005	0	0.01	0.001
Oct 11 2021 1:36:00 PM	0.004	0.001	0.011	0.001
Oct 11 2021 1:37:00 PM	0.004	0.001	0.011	0.001
Oct 11 2021 1:38:00 PM	0.004	0.001	0.011	0.001
Oct 11 2021 1:39:00 PM	0.004	0.001	0.011	0.001
Oct 11 2021 1:40:00 PM	0.004	0.001	0.013	0.001
Oct 11 2021 1:41:00 PM	0.004	0.001	0.012	0.001
Oct 11 2021 1:42:00 PM	0.005	0.001	0.011	0.002
Oct 11 2021 1:43:00 PM	0.005	0.001	0.011	0.002
Oct 11 2021 1:44:00 PM	0.005	0.001	0.011	0.002
Oct 11 2021 1:45:00 PM	0.004	0.001	0.011	0.002
Oct 11 2021 1:46:00 PM	0.004	0.001	0.011	0.002
Oct 11 2021 1:47:00 PM	0.003	0.001	0.011	0.002
Oct 11 2021 1:48:00 PM	0.003	0.001	0.011	0.002
Oct 11 2021 1:49:00 PM	0.004	0.001	0.011	0.002
Oct 11 2021 1:50:00 PM	0.004	0.001	0.011	0.002
Oct 11 2021 1:51:00 PM	0.003	0.001	0.011	0.002
Oct 11 2021 1:52:00 PM	0.003	0.001	0.011	0.002
Oct 11 2021 1:53:00 PM	0.003	0.001	0.011	
Oct 11 2021 1:54:00 PM	0.002	0.001	0.01	
Oct 11 2021 1:55:00 PM	0.002	0.001	0.011	
Oct 11 2021 1:56:00 PM	0.003	0.001		
Oct 11 2021 1:57:00 PM	0.004	0.001		
Oct 11 2021 1:58:00 PM	0.004	0.001		
Oct 11 2021 1:59:00 PM	0.003	0.001		
Oct 11 2021 2:00:00 PM	0.002	0.001		
Oct 11 2021 2:01:00 PM	0.003	0.001		
Oct 11 2021 2:02:00 PM	0.004	0.001		
Oct 11 2021 2:03:00 PM	0.004	0.001		
Oct 11 2021 2:04:00 PM	0.003	0.001		
Oct 11 2021 2:05:00 PM	0.003	0.001		
Oct 11 2021 2:06:00 PM	0.003	0.001		
Oct 11 2021 2:07:00 PM	0.003	0.001		
Oct 11 2021 2:08:00 PM	0.003	0.001		
Oct 11 2021 2:09:00 PM	0.003	0.001		
Oct 11 2021 2:10:00 PM	0.004	0.001		
Oct 11 2021 2:11:00 PM	0.003	0.001		
Oct 11 2021 2:12:00 PM	0.003	0.001		
Oct 11 2021 2:13:00 PM	0.004	0.001		
Oct 11 2021 2:14:00 PM	0.004	0.001		
Oct 11 2021 2:15:00 PM	0.003	0.001		
Oct 11 2021 2:16:00 PM	0.004	0.001		
Oct 11 2021 2:17:00 PM	0.003	0.001		
Oct 11 2021 2:18:00 PM	0.003	0.001		
Oct 11 2021 2:19:00 PM	0.003	0.001		
Oct 11 2021 2:20:00 PM	0.002	0.001		
Oct 11 2021 2:21:00 PM	0.002	0.001		
Oct 11 2021 2:22:00 PM	0.002	0.001		
Oct 11 2021 2:23:00 PM	0.002	0.001		
Oct 11 2021 2:24:00 PM	0.002	0.001		
Oct 11 2021 2:25:00 PM	0.002	0.001		
Oct 11 2021 2:26:00 PM	0.002	0.001		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 11 2021 2:27:00 PM	0.002	0.001		
Oct 11 2021 2:28:00 PM	0.002	0.001		
Oct 11 2021 2:29:00 PM	0.002	0.001		
Oct 11 2021 2:30:00 PM	0.003	0.001		
Oct 11 2021 2:31:00 PM	0.002	0.001		
Oct 11 2021 2:32:00 PM	0.002	0.001		
Oct 11 2021 2:33:00 PM	0.003	0.001		
Oct 11 2021 2:34:00 PM	0.003	0.001		
Oct 11 2021 2:35:00 PM	0.004	0.001		
Oct 11 2021 2:36:00 PM	0.004	0.001		
Oct 11 2021 2:37:00 PM	0.004	0.001		
Oct 11 2021 2:38:00 PM	0.004	0.001		
Oct 11 2021 2:39:00 PM	0.003	0.001		
Oct 11 2021 2:40:00 PM	0.003	0.001		
Oct 11 2021 2:41:00 PM	0.003	0.001		
Oct 11 2021 2:42:00 PM	0.004	0.001		
Oct 11 2021 2:43:00 PM	0.004	0.001		
Oct 11 2021 2:44:00 PM	0.004	0.001		
Oct 11 2021 2:45:00 PM	0.003	0.001		
Oct 11 2021 2:46:00 PM	0.002	0.001		
Oct 11 2021 2:47:00 PM	0.002	0.001		
Oct 11 2021 2:48:00 PM	0.002	0.001		
Oct 11 2021 2:49:00 PM	0.001	0.001		
Oct 11 2021 2:50:00 PM	0.001	0.001		
Oct 11 2021 2:51:00 PM	0.001	0.001		
Oct 11 2021 2:52:00 PM	0.002	0.001		
Oct 11 2021 2:53:00 PM	0.002	0.001		
Oct 11 2021 2:54:00 PM	0.003	0.001		
Oct 11 2021 2:55:00 PM	0.003	0.001		
Oct 11 2021 2:56:00 PM	0.003	0.001		
Oct 11 2021 2:57:00 PM	0.002	0.001		
Oct 11 2021 2:58:00 PM	0.004	0.001		
Oct 11 2021 2:59:00 PM	0.005	0.001		
Oct 11 2021 3:00:00 PM	0.005	0.001		
Oct 11 2021 3:01:00 PM	0.005	0.001		
Oct 11 2021 3:02:00 PM	0.005	0.001		
Oct 11 2021 3:03:00 PM	0.005	0.001		
Oct 11 2021 3:04:00 PM	0.004	0.001		
Oct 11 2021 3:05:00 PM	0.003	0.001		
Oct 11 2021 3:06:00 PM	0.004	0.001		
Oct 11 2021 3:07:00 PM	0.004	0.001		
Oct 11 2021 3:08:00 PM	0.004	0.001		
Oct 11 2021 3:09:00 PM	0.003	0.001		
Oct 11 2021 3:10:00 PM	0.003	0.001		
Oct 11 2021 3:11:00 PM	0.003	0.001		
Oct 11 2021 3:12:00 PM	0.002	0.001		
Oct 11 2021 3:13:00 PM	0.002	0.001		
Oct 11 2021 3:14:00 PM	0.002	0.001		
Oct 11 2021 3:15:00 PM				
Oct 12 2021 7:15:00 AM				
Oct 12 2021 7:16:00 AM	0			
Oct 12 2021 7:17:00 AM	0.019		0.02	0

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 12 2021 7:18:00 AM	0.018		0.015	0
Oct 12 2021 7:19:00 AM	0.014		0.014	0
Oct 12 2021 7:20:00 AM	0.011		0.013	0
Oct 12 2021 7:21:00 AM	0.008		0.015	0
Oct 12 2021 7:22:00 AM	0.008		0.018	0
Oct 12 2021 7:23:00 AM	0.008	0	0.012	0
Oct 12 2021 7:24:00 AM	0.008	0	0.011	0
Oct 12 2021 7:25:00 AM	0.006	0	0.01	0
Oct 12 2021 7:26:00 AM	0.004	0	0.011	0
Oct 12 2021 7:27:00 AM	0.003	0	0.011	0
Oct 12 2021 7:28:00 AM	0.002	0	0.011	0
Oct 12 2021 7:29:00 AM	0.002	0	0.026	0
Oct 12 2021 7:30:00 AM	0.002	0	0.017	0
Oct 12 2021 7:31:00 AM	0.001	0	0.012	0
Oct 12 2021 7:32:00 AM	0.001	0	0.012	0
Oct 12 2021 7:33:00 AM	0.001	0	0.015	0
Oct 12 2021 7:34:00 AM	0.001	0	0.013	0
Oct 12 2021 7:35:00 AM	0	0	0.025	0.001
Oct 12 2021 7:36:00 AM	0	0	0.039	0.001
Oct 12 2021 7:37:00 AM	0	0	0.044	0.001
Oct 12 2021 7:38:00 AM	0	0	0.022	0.001
Oct 12 2021 7:39:00 AM	0	0	0.012	0.001
Oct 12 2021 7:40:00 AM	0	0	0.011	0.001
Oct 12 2021 7:41:00 AM	0	0	0.011	0.001
Oct 12 2021 7:42:00 AM	0	0	0.011	0.001
Oct 12 2021 7:43:00 AM	0	0	0.01	0.001
Oct 12 2021 7:44:00 AM	0	0	0.01	0.001
Oct 12 2021 7:45:00 AM	0	0	0.01	0.001
Oct 12 2021 7:46:00 AM	0	0	0.01	0.001
Oct 12 2021 7:47:00 AM	0	0	0.01	0.001
Oct 12 2021 7:48:00 AM	0	0	0.011	0.001
Oct 12 2021 7:49:00 AM	0	0	0.01	0.001
Oct 12 2021 7:50:00 AM	0	0	0.01	0.001
Oct 12 2021 7:51:00 AM	0	0	0.011	0.001
Oct 12 2021 7:52:00 AM	0	0	0.011	0.001
Oct 12 2021 7:53:00 AM	0	0	0.01	0.001
Oct 12 2021 7:54:00 AM	0	0	0.01	0.001
Oct 12 2021 7:55:00 AM	0	0	0.01	0.001
Oct 12 2021 7:56:00 AM	0	0	0.01	0.001
Oct 12 2021 7:57:00 AM	0	0	0.01	0.001
Oct 12 2021 7:58:00 AM	0	0	0.01	0.001
Oct 12 2021 7:59:00 AM	0	0	0.01	0.001
Oct 12 2021 8:00:00 AM	0	0	0.009	0.001
Oct 12 2021 8:01:00 AM	0	0	0.01	0.001
Oct 12 2021 8:02:00 AM	0	0	0.009	0.001
Oct 12 2021 8:03:00 AM	0	0	0.009	0.001
Oct 12 2021 8:04:00 AM	0	0	0.009	0.001
Oct 12 2021 8:05:00 AM	0	0	0.009	0.001
Oct 12 2021 8:06:00 AM	0	0	0.009	0.001
Oct 12 2021 8:07:00 AM	0	0	0.009	0.001
Oct 12 2021 8:08:00 AM	0	0	0.009	0.001
Oct 12 2021 8:09:00 AM	0	0	0.009	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 12 2021 8:10:00 AM	0	0	0.009	0.001
Oct 12 2021 8:11:00 AM	0	0	0.009	0.001
Oct 12 2021 8:12:00 AM	0	0	0.009	0.001
Oct 12 2021 8:13:00 AM	0	0	0.01	0.001
Oct 12 2021 8:14:00 AM	0	0	0.009	0.002
Oct 12 2021 8:15:00 AM	0	0	0.009	0.002
Oct 12 2021 8:16:00 AM	0	0	0.01	0.002
Oct 12 2021 8:17:00 AM	0	0	0.009	0.002
Oct 12 2021 8:18:00 AM	0	0	0.01	0.002
Oct 12 2021 8:19:00 AM	0	0	0.01	0.002
Oct 12 2021 8:20:00 AM	0	0	0.01	0.002
Oct 12 2021 8:21:00 AM	0	0	0.009	0.002
Oct 12 2021 8:22:00 AM	0	0	0.009	0.002
Oct 12 2021 8:23:00 AM	0	0	0.009	0.002
Oct 12 2021 8:24:00 AM	0	0	0.009	0.002
Oct 12 2021 8:25:00 AM	0	0	0.009	0.002
Oct 12 2021 8:26:00 AM	0	0	0.009	0.002
Oct 12 2021 8:27:00 AM	0	0	0.009	0.002
Oct 12 2021 8:28:00 AM	0	0	0.009	0.002
Oct 12 2021 8:29:00 AM	0	0	0.009	0.002
Oct 12 2021 8:30:00 AM	0	0	0.009	0.002
Oct 12 2021 8:31:00 AM	0	0	0.009	0.002
Oct 12 2021 8:32:00 AM	0	0	0.009	0.002
Oct 12 2021 8:33:00 AM	0	0	0.009	0.002
Oct 12 2021 8:34:00 AM	0	0	0.009	0.002
Oct 12 2021 8:35:00 AM	0	0	0.009	0.002
Oct 12 2021 8:36:00 AM	0	0	0.009	0.002
Oct 12 2021 8:37:00 AM	0	0	0.009	0.002
Oct 12 2021 8:38:00 AM	0	0	0.009	0.002
Oct 12 2021 8:39:00 AM	0	0	0.009	0.002
Oct 12 2021 8:40:00 AM	0	0	0.009	0.002
Oct 12 2021 8:41:00 AM	0	0	0.009	0.002
Oct 12 2021 8:42:00 AM	0	0	0.009	0.002
Oct 12 2021 8:43:00 AM	0	0	0.009	0.002
Oct 12 2021 8:44:00 AM	0	0	0.009	0.002
Oct 12 2021 8:45:00 AM	0	0	0.009	0.002
Oct 12 2021 8:46:00 AM	0	0	0.009	0.002
Oct 12 2021 8:47:00 AM	0	0	0.009	0.002
Oct 12 2021 8:48:00 AM	0	0	0.009	0.002
Oct 12 2021 8:49:00 AM	0	0	0.009	0.002
Oct 12 2021 8:50:00 AM	0	0	0.009	0.002
Oct 12 2021 8:51:00 AM	0	0	0.009	0.002
Oct 12 2021 8:52:00 AM	0	0	0.009	0.002
Oct 12 2021 8:53:00 AM	0	0	0.009	0.002
Oct 12 2021 8:54:00 AM	0	0	0.009	0.002
Oct 12 2021 8:55:00 AM	0	0	0.009	0.002
Oct 12 2021 8:56:00 AM	0	0	0.009	0.002
Oct 12 2021 8:57:00 AM	0	0	0.009	0.002
Oct 12 2021 8:58:00 AM	0	0	0.009	0.002
Oct 12 2021 8:59:00 AM	0	0	0.009	0.002
Oct 12 2021 9:00:00 AM	0	0	0.009	0.002
Oct 12 2021 9:01:00 AM	0	0	0.009	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 12 2021 9:02:00 AM	0	0	0.009	0.002
Oct 12 2021 9:03:00 AM	0	0	0.009	0.002
Oct 12 2021 9:04:00 AM	0	0	0.009	0.002
Oct 12 2021 9:05:00 AM	0	0	0.009	0.002
Oct 12 2021 9:06:00 AM	0	0	0.009	0.002
Oct 12 2021 9:07:00 AM	0	0	0.009	0.003
Oct 12 2021 9:08:00 AM	0	0	0.009	0.003
Oct 12 2021 9:09:00 AM	0	0	0.009	0.003
Oct 12 2021 9:10:00 AM	0	0	0.009	0.003
Oct 12 2021 9:11:00 AM	0	0	0.009	0.003
Oct 12 2021 9:12:00 AM	0	0	0.009	0.003
Oct 12 2021 9:13:00 AM	0	0	0.009	0.003
Oct 12 2021 9:14:00 AM	0	0	0.009	0.003
Oct 12 2021 9:15:00 AM	0	0	0.009	0.003
Oct 12 2021 9:16:00 AM	0	0	0.008	0.003
Oct 12 2021 9:17:00 AM	0	0	0.009	0.003
Oct 12 2021 9:18:00 AM	0	0	0.009	0.003
Oct 12 2021 9:19:00 AM	0	0	0.009	0.003
Oct 12 2021 9:20:00 AM	0	0	0.009	0.003
Oct 12 2021 9:21:00 AM	0	0	0.009	0.003
Oct 12 2021 9:22:00 AM	0	0	0.009	0.003
Oct 12 2021 9:23:00 AM	0	0	0.009	0.003
Oct 12 2021 9:24:00 AM	0	0	0.009	0.003
Oct 12 2021 9:25:00 AM	0	0	0.009	0.003
Oct 12 2021 9:26:00 AM	0	0	0.009	0.003
Oct 12 2021 9:27:00 AM	0	0	0.009	0.003
Oct 12 2021 9:28:00 AM	0	0	0.009	0.003
Oct 12 2021 9:29:00 AM	0	0	0.009	0.003
Oct 12 2021 9:30:00 AM	0	0	0.009	0.003
Oct 12 2021 9:31:00 AM	0	0	0.009	0.003
Oct 12 2021 9:32:00 AM	0	0	0.009	0.003
Oct 12 2021 9:33:00 AM	0	0	0.009	0.003
Oct 12 2021 9:34:00 AM	0	0	0.009	0.003
Oct 12 2021 9:35:00 AM	0	0	0.009	0.003
Oct 12 2021 9:36:00 AM	0	0	0.009	0.003
Oct 12 2021 9:37:00 AM	0	0	0.009	0.003
Oct 12 2021 9:38:00 AM	0	0	0.009	0.003
Oct 12 2021 9:39:00 AM	0	0	0.009	0.003
Oct 12 2021 9:40:00 AM	0	0	0.009	0.003
Oct 12 2021 9:41:00 AM	0	0	0.01	0.003
Oct 12 2021 9:42:00 AM	0	0	0.009	0.003
Oct 12 2021 9:43:00 AM	0	0	0.009	0.003
Oct 12 2021 9:44:00 AM	0	0	0.008	0.003
Oct 12 2021 9:45:00 AM	0	0	0.009	0.003
Oct 12 2021 9:46:00 AM	0	0	0.008	0.003
Oct 12 2021 9:47:00 AM	0	0	0.009	0.003
Oct 12 2021 9:48:00 AM	0	0	0.008	0.003
Oct 12 2021 9:49:00 AM	0	0	0.009	0.003
Oct 12 2021 9:50:00 AM	0	0	0.008	0.003
Oct 12 2021 9:51:00 AM	0	0	0.008	0.003
Oct 12 2021 9:52:00 AM	0	0	0.009	0.003
Oct 12 2021 9:53:00 AM	0	0	0.008	0.003

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 12 2021 9:54:00 AM	0	0	0.008	0.003
Oct 12 2021 9:55:00 AM	0	0	0.008	0.003
Oct 12 2021 9:56:00 AM	0	0	0.009	0.003
Oct 12 2021 9:57:00 AM	0	0	0.009	0.003
Oct 12 2021 9:58:00 AM	0	0	0.009	0.003
Oct 12 2021 9:59:00 AM	0	0	0.009	0.003
Oct 12 2021 10:00:00 AM	0	0	0.009	0.003
Oct 12 2021 10:01:00 AM	0	0	0.009	0.004
Oct 12 2021 10:02:00 AM	0	0	0.009	0.004
Oct 12 2021 10:03:00 AM	0	0	0.009	0.004
Oct 12 2021 10:04:00 AM	0	0	0.009	0.004
Oct 12 2021 10:05:00 AM	0	0	0.009	0.004
Oct 12 2021 10:06:00 AM	0	0	0.009	0.004
Oct 12 2021 10:07:00 AM	0.001	0	0.009	0.004
Oct 12 2021 10:08:00 AM	0.001	0	0.009	0.004
Oct 12 2021 10:09:00 AM	0	0	0.009	0.004
Oct 12 2021 10:10:00 AM	0.001	0	0.009	0.004
Oct 12 2021 10:11:00 AM	0	0	0.009	0.004
Oct 12 2021 10:12:00 AM	0	0	0.009	0.004
Oct 12 2021 10:13:00 AM	0	0	0.009	0.004
Oct 12 2021 10:14:00 AM	0	0	0.009	0.004
Oct 12 2021 10:15:00 AM	0.001	0	0.009	0.004
Oct 12 2021 10:16:00 AM	0	0	0.009	0.004
Oct 12 2021 10:17:00 AM	0	0	0.01	0.004
Oct 12 2021 10:18:00 AM	0.001	0	0.01	0.004
Oct 12 2021 10:19:00 AM	0.001	0	0.01	0.004
Oct 12 2021 10:20:00 AM	0	0	0.01	0.004
Oct 12 2021 10:21:00 AM	0	0	0.009	0.004
Oct 12 2021 10:22:00 AM	0	0	0.01	0.004
Oct 12 2021 10:23:00 AM	0	0	0.009	0.004
Oct 12 2021 10:24:00 AM	0	0	0.009	0.004
Oct 12 2021 10:25:00 AM	0	0	0.009	0.004
Oct 12 2021 10:26:00 AM	0	0	0.009	0.004
Oct 12 2021 10:27:00 AM	0	0	0.01	0.004
Oct 12 2021 10:28:00 AM	0	0	0.01	0.004
Oct 12 2021 10:29:00 AM	0	0	0.01	0.004
Oct 12 2021 10:30:00 AM	0	0	0.01	0.004
Oct 12 2021 10:31:00 AM	0	0	0.01	0.004
Oct 12 2021 10:32:00 AM	0	0	0.01	0.004
Oct 12 2021 10:33:00 AM	0	0	0.01	0.004
Oct 12 2021 10:34:00 AM	0	0	0.01	0.004
Oct 12 2021 10:35:00 AM	0	0	0.01	0.004
Oct 12 2021 10:36:00 AM	0	0	0.011	0.004
Oct 12 2021 10:37:00 AM	0.001	0	0.01	0.004
Oct 12 2021 10:38:00 AM	0	0	0.01	0.004
Oct 12 2021 10:39:00 AM	0	0	0.01	0.004
Oct 12 2021 10:40:00 AM	0	0	0.01	0.004
Oct 12 2021 10:41:00 AM	0	0	0.01	0.004
Oct 12 2021 10:42:00 AM	0	0	0.01	0.004
Oct 12 2021 10:43:00 AM	0.001	0	0.01	0.004
Oct 12 2021 10:44:00 AM	0	0	0.01	0.004
Oct 12 2021 10:45:00 AM	0	0	0.01	0.004

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 12 2021 10:46:00 AM	0	0	0.01	0.004
Oct 12 2021 10:47:00 AM	0	0	0.01	0.004
Oct 12 2021 10:48:00 AM	0	0	0.01	0.004
Oct 12 2021 10:49:00 AM	0	0	0.01	0.004
Oct 12 2021 10:50:00 AM	0	0	0.01	0.004
Oct 12 2021 10:51:00 AM	0	0	0.01	0.005
Oct 12 2021 10:52:00 AM	0	0	0.01	0.005
Oct 12 2021 10:53:00 AM	0	0	0.011	0.005
Oct 12 2021 10:54:00 AM	0	0	0.01	0.005
Oct 12 2021 10:55:00 AM	0	0	0.01	0.005
Oct 12 2021 10:56:00 AM	0	0	0.01	0.005
Oct 12 2021 10:57:00 AM	0.001	0	0.01	0.005
Oct 12 2021 10:58:00 AM	0	0	0.01	0.005
Oct 12 2021 10:59:00 AM	0	0	0.01	0.005
Oct 12 2021 11:00:00 AM	0	0	0.01	0.005
Oct 12 2021 11:01:00 AM	0	0	0.01	0.005
Oct 12 2021 11:02:00 AM	0	0	0.01	0.005
Oct 12 2021 11:03:00 AM	0	0	0.01	0.005
Oct 12 2021 11:04:00 AM	0	0	0.01	0.005
Oct 12 2021 11:05:00 AM	0	0	0.01	0.005
Oct 12 2021 11:06:00 AM	0	0	0.01	0.005
Oct 12 2021 11:07:00 AM	0	0	0.01	0.005
Oct 12 2021 11:08:00 AM	0	0	0.01	0.005
Oct 12 2021 11:09:00 AM	0	0	0.01	0.005
Oct 12 2021 11:10:00 AM	0	0	0.011	0.005
Oct 12 2021 11:11:00 AM	0.001	0	0.01	0.005
Oct 12 2021 11:12:00 AM	0.001	0	0.01	0.005
Oct 12 2021 11:13:00 AM	0	0	0.01	0.005
Oct 12 2021 11:14:00 AM	0	0	0.01	0.005
Oct 12 2021 11:15:00 AM	0	0	0.01	0.005
Oct 12 2021 11:16:00 AM	0	0	0.01	0.005
Oct 12 2021 11:17:00 AM	0	0	0.01	0.005
Oct 12 2021 11:18:00 AM	0	0	0.01	0.005
Oct 12 2021 11:19:00 AM	0	0	0.01	0.005
Oct 12 2021 11:20:00 AM	0	0	0.01	0.005
Oct 12 2021 11:21:00 AM	0	0	0.01	0.005
Oct 12 2021 11:22:00 AM	0	0	0.01	0.005
Oct 12 2021 11:23:00 AM	0	0	0.01	0.005
Oct 12 2021 11:24:00 AM	0	0	0.01	0.005
Oct 12 2021 11:25:00 AM	0	0	0.01	0.005
Oct 12 2021 11:26:00 AM	0	0	0.01	0.005
Oct 12 2021 11:27:00 AM	0	0	0.01	0.005
Oct 12 2021 11:28:00 AM	0	0	0.01	0.005
Oct 12 2021 11:29:00 AM	0	0	0.01	0.005
Oct 12 2021 11:30:00 AM	0	0	0.01	0.005
Oct 12 2021 11:31:00 AM	0	0	0.01	0.005
Oct 12 2021 11:32:00 AM	0	0	0.009	0.005
Oct 12 2021 11:33:00 AM	0	0	0.009	0.005
Oct 12 2021 11:34:00 AM	0	0	0.011	0.005
Oct 12 2021 11:35:00 AM	0	0	0.01	0.005
Oct 12 2021 11:36:00 AM	0	0	0.009	0.005
Oct 12 2021 11:37:00 AM	0	0	0.01	0.005

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 12 2021 11:38:00 AM	0	0	0.012	0.005
Oct 12 2021 11:39:00 AM	0	0	0.014	0.006
Oct 12 2021 11:40:00 AM	0	0	0.011	0.006
Oct 12 2021 11:41:00 AM	0	0	0.009	0.006
Oct 12 2021 11:42:00 AM	0	0	0.009	0.006
Oct 12 2021 11:43:00 AM	0	0	0.009	0.006
Oct 12 2021 11:44:00 AM	0	0	0.009	0.006
Oct 12 2021 11:45:00 AM	0	0	0.009	0.006
Oct 12 2021 11:46:00 AM	0	0	0.009	0.006
Oct 12 2021 11:47:00 AM	0	0	0.009	0.006
Oct 12 2021 11:48:00 AM	0	0	0.009	0.006
Oct 12 2021 11:49:00 AM	0	0	0.01	0.006
Oct 12 2021 11:50:00 AM	0	0	0.009	0.006
Oct 12 2021 11:51:00 AM	0	0	0.01	0.006
Oct 12 2021 11:52:00 AM	0	0	0.009	0.006
Oct 12 2021 11:53:00 AM	0	0	0.009	0.006
Oct 12 2021 11:54:00 AM	0	0	0.009	0.006
Oct 12 2021 11:55:00 AM	0	0	0.01	0.006
Oct 12 2021 11:56:00 AM	0	0	0.009	0.006
Oct 12 2021 11:57:00 AM	0	0	0.01	0.006
Oct 12 2021 11:58:00 AM	0	0	0.009	0.006
Oct 12 2021 11:59:00 AM	0	0	0.009	0.006
Oct 12 2021 12:00:00 PM	0	0	0.009	0.006
Oct 12 2021 12:01:00 PM	0	0	0.009	0.006
Oct 12 2021 12:02:00 PM	0	0	0.009	0.006
Oct 12 2021 12:03:00 PM	0	0	0.009	0.006
Oct 12 2021 12:04:00 PM	0	0	0.009	0.006
Oct 12 2021 12:05:00 PM	0	0	0.009	0.006
Oct 12 2021 12:06:00 PM	0	0	0.009	0.006
Oct 12 2021 12:07:00 PM	0	0	0.01	0.006
Oct 12 2021 12:08:00 PM	0	0	0.009	0.006
Oct 12 2021 12:09:00 PM	0	0	0.009	0.006
Oct 12 2021 12:10:00 PM	0	0	0.01	0.006
Oct 12 2021 12:11:00 PM	0	0	0.009	0.006
Oct 12 2021 12:12:00 PM	0	0	0.01	0.006
Oct 12 2021 12:13:00 PM	0.001	0	0.009	0.006
Oct 12 2021 12:14:00 PM	0	0	0.009	0.006
Oct 12 2021 12:15:00 PM	0	0	0.009	0.006
Oct 12 2021 12:16:00 PM	0	0	0.009	0.006
Oct 12 2021 12:17:00 PM	0	0	0.009	0.006
Oct 12 2021 12:18:00 PM	0	0	0.009	0.006
Oct 12 2021 12:19:00 PM	0	0	0.009	0.006
Oct 12 2021 12:20:00 PM	0	0	0.009	0.006
Oct 12 2021 12:21:00 PM	0	0	0.009	0.006
Oct 12 2021 12:22:00 PM	0	0	0.009	0.006
Oct 12 2021 12:23:00 PM	0	0	0.009	0.006
Oct 12 2021 12:24:00 PM	0	0	0.009	0.006
Oct 12 2021 12:25:00 PM	0	0	0.009	0.006
Oct 12 2021 12:26:00 PM	0	0	0.01	0.006
Oct 12 2021 12:27:00 PM	0	0	0.01	0.006
Oct 12 2021 12:28:00 PM	0	0	0.009	0.006
Oct 12 2021 12:29:00 PM	0	0	0.009	0.006



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End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 12 2021 12:30:00 PM	0	0	0.009	0.006
Oct 12 2021 12:31:00 PM	0	0	0.009	0.007
Oct 12 2021 12:32:00 PM	0	0	0.009	0.007
Oct 12 2021 12:33:00 PM	0	0	0.009	0.007
Oct 12 2021 12:34:00 PM	0	0	0.009	0.007
Oct 12 2021 12:35:00 PM	0	0	0.009	0.007
Oct 12 2021 12:36:00 PM	0	0	0.009	0.007
Oct 12 2021 12:37:00 PM	0.001	0	0.009	0.007
Oct 12 2021 12:38:00 PM	0.001	0	0.009	0.007
Oct 12 2021 12:39:00 PM	0	0	0.009	0.007
Oct 12 2021 12:40:00 PM	0	0	0.009	0.007
Oct 12 2021 12:41:00 PM	0	0	0.009	0.007
Oct 12 2021 12:42:00 PM	0	0	0.009	0.007
Oct 12 2021 12:43:00 PM	0	0	0.009	0.007
Oct 12 2021 12:44:00 PM	0	0	0.009	0.007
Oct 12 2021 12:45:00 PM	0	0	0.009	0.007
Oct 12 2021 12:46:00 PM	0	0	0.009	0.007
Oct 12 2021 12:47:00 PM	0	0	0.009	0.007
Oct 12 2021 12:48:00 PM	0	0	0.009	0.007
Oct 12 2021 12:49:00 PM	0	0	0.009	0.007
Oct 12 2021 12:50:00 PM	0	0	0.009	0.007
Oct 12 2021 12:51:00 PM	0	0	0.009	0.007
Oct 12 2021 12:52:00 PM	0	0	0.009	0.007
Oct 12 2021 12:53:00 PM	0	0	0.009	0.007
Oct 12 2021 12:54:00 PM	0	0	0.009	0.007
Oct 12 2021 12:55:00 PM	0	0	0.009	0.007
Oct 12 2021 12:56:00 PM	0	0	0.009	0.007
Oct 12 2021 12:57:00 PM	0	0	0.009	0.007
Oct 12 2021 12:58:00 PM	0	0	0.009	0.007
Oct 12 2021 12:59:00 PM	0	0	0.009	0.007
Oct 12 2021 1:00:00 PM	0	0	0.009	0.007
Oct 12 2021 1:01:00 PM	0	0	0.009	0.007
Oct 12 2021 1:02:00 PM	0	0	0.009	0.007
Oct 12 2021 1:03:00 PM	0	0	0.009	0.007
Oct 12 2021 1:04:00 PM	0	0	0.009	0.007
Oct 12 2021 1:05:00 PM	0.001	0	0.009	0.007
Oct 12 2021 1:06:00 PM	0	0	0.009	0.007
Oct 12 2021 1:07:00 PM	0	0	0.009	0.007
Oct 12 2021 1:08:00 PM	0	0	0.009	0.007
Oct 12 2021 1:09:00 PM	0	0	0.009	0.007
Oct 12 2021 1:10:00 PM	0	0	0.009	0.007
Oct 12 2021 1:11:00 PM	0	0	0.01	0.007
Oct 12 2021 1:12:00 PM	0	0	0.01	0.007
Oct 12 2021 1:13:00 PM	0	0	0.008	0.007
Oct 12 2021 1:14:00 PM	0	0	0.009	0.007
Oct 12 2021 1:15:00 PM	0	0	0.009	0.007
Oct 12 2021 1:16:00 PM	0.002	0	0.01	0.007
Oct 12 2021 1:17:00 PM	0.001	0	0.009	0.007
Oct 12 2021 1:18:00 PM	0	0	0.009	0.007
Oct 12 2021 1:19:00 PM	0	0	0.008	0.007
Oct 12 2021 1:20:00 PM	0	0	0.009	0.007
Oct 12 2021 1:21:00 PM	0	0	0.009	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 12 2021 1:22:00 PM	0	0	0.009	0.007
Oct 12 2021 1:23:00 PM	0	0	0.009	0.007
Oct 12 2021 1:24:00 PM	0	0	0.009	0.008
Oct 12 2021 1:25:00 PM	0	0	0.009	0.008
Oct 12 2021 1:26:00 PM	0	0	0.009	0.008
Oct 12 2021 1:27:00 PM	0	0	0.009	0.008
Oct 12 2021 1:28:00 PM	0	0	0.008	0.008
Oct 12 2021 1:29:00 PM	0	0	0.009	0.008
Oct 12 2021 1:30:00 PM	0	0	0.009	0.008
Oct 12 2021 1:31:00 PM	0	0	0.008	0.008
Oct 12 2021 1:32:00 PM	0	0	0.008	0.008
Oct 12 2021 1:33:00 PM	0	0	0.009	0.008
Oct 12 2021 1:34:00 PM	0	0	0.009	0.008
Oct 12 2021 1:35:00 PM	0	0	0.009	0.008
Oct 12 2021 1:36:00 PM	0	0	0.008	0.008
Oct 12 2021 1:37:00 PM	0	0	0.009	0.008
Oct 12 2021 1:38:00 PM	0	0	0.009	0.008
Oct 12 2021 1:39:00 PM	0	0	0.008	0.008
Oct 12 2021 1:40:00 PM	0	0	0.008	0.008
Oct 12 2021 1:41:00 PM	0	0	0.008	0.008
Oct 12 2021 1:42:00 PM	0	0	0.008	0.008
Oct 12 2021 1:43:00 PM	0	0	0.008	0.008
Oct 12 2021 1:44:00 PM	0	0	0.009	0.008
Oct 12 2021 1:45:00 PM	0	0	0.009	0.008
Oct 12 2021 1:46:00 PM	0	0	0.009	0.008
Oct 12 2021 1:47:00 PM	0	0	0.009	0.008
Oct 12 2021 1:48:00 PM	0	0	0.008	0.008
Oct 12 2021 1:49:00 PM	0	0	0.008	0.008
Oct 12 2021 1:50:00 PM	0	0	0.008	0.008
Oct 12 2021 1:51:00 PM	0	0	0.008	0.008
Oct 12 2021 1:52:00 PM	0	0	0.009	0.008
Oct 12 2021 1:53:00 PM	0	0	0.008	0.008
Oct 12 2021 1:54:00 PM	0	0	0.008	0.008
Oct 12 2021 1:55:00 PM	0	0	0.008	
Oct 12 2021 1:56:00 PM	0	0	0.008	
Oct 12 2021 1:57:00 PM	0	0		
Oct 13 2021 7:17:00 AM				
Oct 13 2021 7:18:00 AM	0.018	0	0.041	0.01
Oct 13 2021 7:19:00 AM	0.018	0	0.041	0.004
Oct 13 2021 7:20:00 AM	0.029	0	0.033	0
Oct 13 2021 7:21:00 AM	0.034	0	0.034	0
Oct 13 2021 7:22:00 AM	0.032	0	0.032	0
Oct 13 2021 7:23:00 AM	0.038	0	0.038	0
Oct 13 2021 7:24:00 AM	0.039	0	0.039	0
Oct 13 2021 7:25:00 AM	0.041	0	0.04	0
Oct 13 2021 7:26:00 AM	0.04	0	0.04	0
Oct 13 2021 7:27:00 AM	0.033	0	0.031	0
Oct 13 2021 7:28:00 AM	0.028	0	0.029	0
Oct 13 2021 7:29:00 AM	0.028	0	0.029	0
Oct 13 2021 7:30:00 AM	0.025	0	0.026	0
Oct 13 2021 7:31:00 AM	0.023	0	0.024	0
Oct 13 2021 7:32:00 AM	0.023	0	0.023	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 7:33:00 AM	0.03	0	0.03	0.001
Oct 13 2021 7:34:00 AM	0.028	0	0.029	0.001
Oct 13 2021 7:35:00 AM	0.024	0.001	0.028	0.001
Oct 13 2021 7:36:00 AM	0.023	0.001	0.027	0.001
Oct 13 2021 7:37:00 AM	0.023	0.001	0.028	0.001
Oct 13 2021 7:38:00 AM	0.032	0.001	0.028	0.001
Oct 13 2021 7:39:00 AM	0.027	0.001	0.028	0.001
Oct 13 2021 7:40:00 AM	0.026	0.001	0.028	0.001
Oct 13 2021 7:41:00 AM	0.027	0.001	0.027	0.002
Oct 13 2021 7:42:00 AM	0.026	0.001	0.028	0.002
Oct 13 2021 7:43:00 AM	0.025	0.001	0.028	0.002
Oct 13 2021 7:44:00 AM	0.025	0.001	0.027	0.002
Oct 13 2021 7:45:00 AM	0.026	0.002	0.026	0.002
Oct 13 2021 7:46:00 AM	0.027	0.002	0.028	0.002
Oct 13 2021 7:47:00 AM	0.026	0.002	0.028	0.002
Oct 13 2021 7:48:00 AM	0.023	0.002	0.026	0.002
Oct 13 2021 7:49:00 AM	0.023	0.002	0.024	0.002
Oct 13 2021 7:50:00 AM	0.023	0.002	0.023	0.002
Oct 13 2021 7:51:00 AM	0.021	0.002	0.024	0.002
Oct 13 2021 7:52:00 AM	0.02	0.002	0.025	0.002
Oct 13 2021 7:53:00 AM	0.023	0.002	0.025	0.002
Oct 13 2021 7:54:00 AM	0.023	0.002	0.026	0.002
Oct 13 2021 7:55:00 AM	0.022	0.002	0.026	0.002
Oct 13 2021 7:56:00 AM	0.022	0.002	0.024	0.002
Oct 13 2021 7:57:00 AM	0.022	0.002	0.024	0.002
Oct 13 2021 7:58:00 AM	0.023	0.002	0.023	0.002
Oct 13 2021 7:59:00 AM	0.023	0.002	0.024	0.002
Oct 13 2021 8:00:00 AM	0.021	0.002	0.026	0.003
Oct 13 2021 8:01:00 AM	0.019	0.002	0.027	0.003
Oct 13 2021 8:02:00 AM	0.02	0.002	0.022	0.003
Oct 13 2021 8:03:00 AM	0.02	0.002	0.022	0.003
Oct 13 2021 8:04:00 AM	0.02	0.002	0.022	0.003
Oct 13 2021 8:05:00 AM	0.019	0.002	0.021	0.003
Oct 13 2021 8:06:00 AM	0.021	0.002	0.021	0.003
Oct 13 2021 8:07:00 AM	0.022	0.003	0.022	0.003
Oct 13 2021 8:08:00 AM	0.023	0.003	0.022	0.003
Oct 13 2021 8:09:00 AM	0.021	0.003	0.023	0.003
Oct 13 2021 8:10:00 AM	0.021	0.003	0.023	0.003
Oct 13 2021 8:11:00 AM	0.021	0.003	0.024	0.003
Oct 13 2021 8:12:00 AM	0.02	0.003	0.023	0.003
Oct 13 2021 8:13:00 AM	0.02	0.003	0.023	0.003
Oct 13 2021 8:14:00 AM	0.02	0.003	0.023	0.003
Oct 13 2021 8:15:00 AM	0.02	0.003	0.024	0.003
Oct 13 2021 8:16:00 AM	0.024	0.003	0.025	0.003
Oct 13 2021 8:17:00 AM	0.025	0.003	0.027	0.003
Oct 13 2021 8:18:00 AM	0.023	0.003	0.027	0.003
Oct 13 2021 8:19:00 AM	0.023	0.003	0.025	0.003
Oct 13 2021 8:20:00 AM	0.024	0.003	0.024	0.003
Oct 13 2021 8:21:00 AM	0.027	0.003	0.024	0.004
Oct 13 2021 8:22:00 AM	0.023	0.003	0.024	0.004
Oct 13 2021 8:23:00 AM	0.023	0.003	0.023	0.004
Oct 13 2021 8:24:00 AM	0.026	0.003	0.023	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 8:25:00 AM	0.022	0.003	0.023	0.004
Oct 13 2021 8:26:00 AM	0.022	0.003	0.024	0.004
Oct 13 2021 8:27:00 AM	0.022	0.003	0.023	0.004
Oct 13 2021 8:28:00 AM	0.022	0.004	0.022	0.004
Oct 13 2021 8:29:00 AM	0.021	0.004	0.023	0.004
Oct 13 2021 8:30:00 AM	0.022	0.004	0.021	0.004
Oct 13 2021 8:31:00 AM	0.022	0.004	0.024	0.004
Oct 13 2021 8:32:00 AM	0.021	0.004	0.024	0.004
Oct 13 2021 8:33:00 AM	0.019	0.004	0.027	0.004
Oct 13 2021 8:34:00 AM	0.018	0.004	0.021	0.004
Oct 13 2021 8:35:00 AM	0.019	0.004	0.021	0.004
Oct 13 2021 8:36:00 AM	0.021	0.004	0.022	0.004
Oct 13 2021 8:37:00 AM	0.021	0.004	0.021	0.004
Oct 13 2021 8:38:00 AM	0.021	0.004	0.021	0.004
Oct 13 2021 8:39:00 AM	0.021	0.004	0.023	0.004
Oct 13 2021 8:40:00 AM	0.022	0.004	0.022	0.004
Oct 13 2021 8:41:00 AM	0.021	0.004	0.022	0.005
Oct 13 2021 8:42:00 AM	0.022	0.004	0.023	0.005
Oct 13 2021 8:43:00 AM	0.023	0.004	0.022	0.005
Oct 13 2021 8:44:00 AM	0.023	0.004	0.023	0.005
Oct 13 2021 8:45:00 AM	0.021	0.004	0.023	0.005
Oct 13 2021 8:46:00 AM	0.023	0.004	0.023	0.005
Oct 13 2021 8:47:00 AM	0.023	0.004	0.023	0.005
Oct 13 2021 8:48:00 AM	0.024	0.004	0.024	0.005
Oct 13 2021 8:49:00 AM	0.024	0.004	0.025	0.005
Oct 13 2021 8:50:00 AM	0.024	0.005	0.025	0.005
Oct 13 2021 8:51:00 AM	0.024	0.005	0.025	0.005
Oct 13 2021 8:52:00 AM	0.024	0.005	0.025	0.005
Oct 13 2021 8:53:00 AM	0.025	0.005	0.026	0.005
Oct 13 2021 8:54:00 AM	0.024	0.005	0.026	0.005
Oct 13 2021 8:55:00 AM	0.024	0.005	0.025	0.005
Oct 13 2021 8:56:00 AM	0.023	0.005	0.025	0.005
Oct 13 2021 8:57:00 AM	0.022	0.005	0.024	0.005
Oct 13 2021 8:58:00 AM	0.021	0.005	0.024	0.005
Oct 13 2021 8:59:00 AM	0.021	0.005	0.023	0.005
Oct 13 2021 9:00:00 AM	0.021	0.005	0.023	0.005
Oct 13 2021 9:01:00 AM	0.021	0.005	0.023	0.005
Oct 13 2021 9:02:00 AM	0.022	0.005	0.022	0.006
Oct 13 2021 9:03:00 AM	0.021	0.005	0.022	0.006
Oct 13 2021 9:04:00 AM	0.023	0.005	0.022	0.006
Oct 13 2021 9:05:00 AM	0.023	0.005	0.022	0.006
Oct 13 2021 9:06:00 AM	0.023	0.005	0.023	0.006
Oct 13 2021 9:07:00 AM	0.022	0.005	0.023	0.006
Oct 13 2021 9:08:00 AM	0.023	0.005	0.024	0.006
Oct 13 2021 9:09:00 AM	0.023	0.005	0.024	0.006
Oct 13 2021 9:10:00 AM	0.024	0.005	0.025	0.006
Oct 13 2021 9:11:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:12:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:13:00 AM	0.023	0.006	0.026	0.006
Oct 13 2021 9:14:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:15:00 AM	0.022	0.006	0.025	0.006
Oct 13 2021 9:16:00 AM	0.023	0.006	0.025	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 9:17:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:18:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:19:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:20:00 AM	0.023	0.006	0.025	0.006
Oct 13 2021 9:21:00 AM	0.024	0.006	0.025	0.007
Oct 13 2021 9:22:00 AM	0.023	0.006	0.025	0.007
Oct 13 2021 9:23:00 AM	0.023	0.006	0.026	0.007
Oct 13 2021 9:24:00 AM	0.023	0.006	0.025	0.007
Oct 13 2021 9:25:00 AM	0.023	0.006	0.025	0.007
Oct 13 2021 9:26:00 AM	0.023	0.006	0.025	0.007
Oct 13 2021 9:27:00 AM	0.023	0.006	0.025	0.007
Oct 13 2021 9:28:00 AM	0.023	0.006	0.026	0.007
Oct 13 2021 9:29:00 AM	0.023	0.006	0.026	0.007
Oct 13 2021 9:30:00 AM	0.023	0.006	0.026	0.007
Oct 13 2021 9:31:00 AM	0.023	0.006	0.026	0.007
Oct 13 2021 9:32:00 AM	0.023	0.007	0.027	0.007
Oct 13 2021 9:33:00 AM	0.023	0.007	0.026	0.007
Oct 13 2021 9:34:00 AM	0.023	0.007	0.026	0.007
Oct 13 2021 9:35:00 AM	0.023	0.007	0.025	0.007
Oct 13 2021 9:36:00 AM	0.023	0.007	0.025	0.007
Oct 13 2021 9:37:00 AM	0.023	0.007	0.024	0.007
Oct 13 2021 9:38:00 AM	0.022	0.007	0.024	0.007
Oct 13 2021 9:39:00 AM	0.023	0.007	0.025	0.007
Oct 13 2021 9:40:00 AM	0.023	0.007	0.025	0.008
Oct 13 2021 9:41:00 AM	0.022	0.007	0.024	0.008
Oct 13 2021 9:42:00 AM	0.021	0.007	0.024	0.008
Oct 13 2021 9:43:00 AM	0.021	0.007	0.023	0.008
Oct 13 2021 9:44:00 AM	0.02	0.007	0.023	0.008
Oct 13 2021 9:45:00 AM	0.019	0.007	0.023	0.008
Oct 13 2021 9:46:00 AM	0.017	0.007	0.021	0.008
Oct 13 2021 9:47:00 AM	0.017	0.007	0.02	0.008
Oct 13 2021 9:48:00 AM	0.017	0.007	0.02	0.008
Oct 13 2021 9:49:00 AM	0.02	0.007	0.019	0.008
Oct 13 2021 9:50:00 AM	0.017	0.007	0.02	0.008
Oct 13 2021 9:51:00 AM	0.018	0.007	0.019	0.008
Oct 13 2021 9:52:00 AM	0.019	0.007	0.02	0.008
Oct 13 2021 9:53:00 AM	0.019	0.007	0.021	0.008
Oct 13 2021 9:54:00 AM	0.018	0.007	0.022	0.008
Oct 13 2021 9:55:00 AM	0.019	0.007	0.021	0.008
Oct 13 2021 9:56:00 AM	0.019	0.008	0.021	0.008
Oct 13 2021 9:57:00 AM	0.02	0.008	0.021	0.008
Oct 13 2021 9:58:00 AM	0.021	0.008	0.022	0.008
Oct 13 2021 9:59:00 AM	0.023	0.008	0.023	0.008
Oct 13 2021 10:00:00 AM	0.023	0.008	0.024	0.008
Oct 13 2021 10:01:00 AM	0.023	0.008	0.024	0.008
Oct 13 2021 10:02:00 AM	0.025	0.008	0.025	0.009
Oct 13 2021 10:03:00 AM	0.022	0.008	0.024	0.009
Oct 13 2021 10:04:00 AM	0.023	0.008	0.024	0.009
Oct 13 2021 10:05:00 AM	0.023	0.008	0.024	0.009
Oct 13 2021 10:06:00 AM	0.023	0.008	0.024	0.009
Oct 13 2021 10:07:00 AM	0.022	0.008	0.024	0.009
Oct 13 2021 10:08:00 AM	0.023	0.008	0.024	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 10:09:00 AM	0.024	0.008	0.024	0.009
Oct 13 2021 10:10:00 AM	0.023	0.008	0.024	0.009
Oct 13 2021 10:11:00 AM	0.024	0.008	0.025	0.009
Oct 13 2021 10:12:00 AM	0.023	0.008	0.025	0.009
Oct 13 2021 10:13:00 AM	0.024	0.008	0.025	0.009
Oct 13 2021 10:14:00 AM	0.023	0.008	0.025	0.009
Oct 13 2021 10:15:00 AM	0.023	0.008	0.025	0.009
Oct 13 2021 10:16:00 AM	0.022	0.008	0.024	0.009
Oct 13 2021 10:17:00 AM	0.021	0.009	0.023	0.009
Oct 13 2021 10:18:00 AM	0.019	0.009	0.022	0.009
Oct 13 2021 10:19:00 AM	0.018	0.009	0.022	0.009
Oct 13 2021 10:20:00 AM	0.018	0.009	0.021	0.009
Oct 13 2021 10:21:00 AM	0.018	0.009	0.02	0.009
Oct 13 2021 10:22:00 AM	0.018	0.009	0.02	0.009
Oct 13 2021 10:23:00 AM	0.019	0.009	0.022	0.01
Oct 13 2021 10:24:00 AM	0.017	0.009	0.02	0.01
Oct 13 2021 10:25:00 AM	0.017	0.009	0.019	0.01
Oct 13 2021 10:26:00 AM	0.017	0.009	0.019	0.01
Oct 13 2021 10:27:00 AM	0.016	0.009	0.018	0.01
Oct 13 2021 10:28:00 AM	0.016	0.009	0.016	0.01
Oct 13 2021 10:29:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:30:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:31:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:32:00 AM	0.014	0.009	0.017	0.01
Oct 13 2021 10:33:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:34:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:35:00 AM	0.014	0.009	0.017	0.01
Oct 13 2021 10:36:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:37:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:38:00 AM	0.015	0.009	0.024	0.01
Oct 13 2021 10:39:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:40:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:41:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:42:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:43:00 AM	0.014	0.009	0.018	0.01
Oct 13 2021 10:44:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:45:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:46:00 AM	0.015	0.009	0.016	0.01
Oct 13 2021 10:47:00 AM	0.014	0.009	0.016	0.01
Oct 13 2021 10:48:00 AM	0.015	0.01	0.016	0.01
Oct 13 2021 10:49:00 AM	0.015	0.01	0.016	0.01
Oct 13 2021 10:50:00 AM	0.017	0.01	0.016	0.01
Oct 13 2021 10:51:00 AM	0.015	0.01	0.016	0.011
Oct 13 2021 10:52:00 AM	0.014	0.01	0.017	0.011
Oct 13 2021 10:53:00 AM	0.014	0.01	0.016	0.011
Oct 13 2021 10:54:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 10:55:00 AM	0.014	0.01	0.016	0.011
Oct 13 2021 10:56:00 AM	0.015	0.01	0.016	0.011
Oct 13 2021 10:57:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 10:58:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 10:59:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:00:00 AM	0.014	0.01	0.015	0.011

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 11:01:00 AM	0.014	0.01	0.016	0.011
Oct 13 2021 11:02:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:03:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:04:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:05:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:06:00 AM	0.014	0.01	0.017	0.011
Oct 13 2021 11:07:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:08:00 AM	0.014	0.01	0.016	0.011
Oct 13 2021 11:09:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:10:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:11:00 AM	0.014	0.01	0.015	0.011
Oct 13 2021 11:12:00 AM	0.015	0.01	0.017	0.011
Oct 13 2021 11:13:00 AM	0.014	0.01	0.014	0.011
Oct 13 2021 11:14:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:15:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:16:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:17:00 AM	0.013	0.01	0.014	0.011
Oct 13 2021 11:18:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:19:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:20:00 AM	0.013	0.01	0.015	0.011
Oct 13 2021 11:21:00 AM	0.011	0.01	0.014	0.011
Oct 13 2021 11:22:00 AM	0.012	0.01	0.014	0.012
Oct 13 2021 11:23:00 AM	0.012	0.011	0.014	0.012
Oct 13 2021 11:24:00 AM	0.013	0.011	0.014	0.012
Oct 13 2021 11:25:00 AM	0.013	0.011	0.015	0.012
Oct 13 2021 11:26:00 AM	0.013	0.011	0.018	0.012
Oct 13 2021 11:27:00 AM	0.013	0.011	0.014	0.012
Oct 13 2021 11:28:00 AM	0.012	0.011	0.014	0.012
Oct 13 2021 11:29:00 AM	0.012	0.011	0.015	0.012
Oct 13 2021 11:30:00 AM	0.013	0.011	0.015	0.012
Oct 13 2021 11:31:00 AM	0.014	0.011	0.015	0.012
Oct 13 2021 11:32:00 AM	0.013	0.011	0.014	0.012
Oct 13 2021 11:33:00 AM	0.013	0.011	0.015	0.012
Oct 13 2021 11:34:00 AM	0.013	0.011	0.014	0.012
Oct 13 2021 11:35:00 AM	0.012	0.011	0.014	0.012
Oct 13 2021 11:36:00 AM	0.013	0.011	0.013	0.012
Oct 13 2021 11:37:00 AM	0.012	0.011	0.013	0.012
Oct 13 2021 11:38:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:39:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:40:00 AM	0.011	0.011	0.012	0.012
Oct 13 2021 11:41:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:42:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:43:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:44:00 AM	0.013	0.011	0.013	0.012
Oct 13 2021 11:45:00 AM	0.011	0.011	0.014	0.012
Oct 13 2021 11:46:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:47:00 AM	0.013	0.011	0.014	0.012
Oct 13 2021 11:48:00 AM	0.012	0.011	0.013	0.012
Oct 13 2021 11:49:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:50:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:51:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:52:00 AM	0.011	0.011	0.014	0.012

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 11:53:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:54:00 AM	0.011	0.011	0.014	0.012
Oct 13 2021 11:55:00 AM	0.011	0.011	0.013	0.012
Oct 13 2021 11:56:00 AM	0.01	0.011	0.012	0.012
Oct 13 2021 11:57:00 AM	0.01	0.011	0.013	0.013
Oct 13 2021 11:58:00 AM	0.01	0.011	0.012	0.013
Oct 13 2021 11:59:00 AM	0.011	0.011	0.013	0.013
Oct 13 2021 12:00:00 PM	0.011	0.011	0.013	0.013
Oct 13 2021 12:01:00 PM	0.01	0.011	0.012	0.013
Oct 13 2021 12:02:00 PM	0.012	0.011	0.013	0.013
Oct 13 2021 12:03:00 PM	0.012	0.011	0.013	0.013
Oct 13 2021 12:04:00 PM	0.011	0.012	0.013	0.013
Oct 13 2021 12:05:00 PM	0.011	0.012	0.013	0.013
Oct 13 2021 12:06:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:07:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:08:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:09:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:10:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:11:00 PM	0.011	0.012	0.014	0.013
Oct 13 2021 12:12:00 PM	0.012	0.012	0.014	0.013
Oct 13 2021 12:13:00 PM	0.012	0.012	0.014	0.013
Oct 13 2021 12:14:00 PM	0.012	0.012	0.014	0.013
Oct 13 2021 12:15:00 PM	0.012	0.012	0.015	0.013
Oct 13 2021 12:16:00 PM	0.012	0.012	0.014	0.013
Oct 13 2021 12:17:00 PM	0.013	0.012	0.014	0.013
Oct 13 2021 12:18:00 PM	0.013	0.012	0.014	0.013
Oct 13 2021 12:19:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:20:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:21:00 PM	0.013	0.012	0.017	0.013
Oct 13 2021 12:22:00 PM	0.013	0.012	0.016	0.013
Oct 13 2021 12:23:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:24:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:25:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:26:00 PM	0.013	0.012	0.015	0.013
Oct 13 2021 12:27:00 PM	0.014	0.012	0.016	0.013
Oct 13 2021 12:28:00 PM	0.014	0.012	0.016	0.013
Oct 13 2021 12:29:00 PM	0.014	0.012	0.016	0.013
Oct 13 2021 12:30:00 PM	0.014	0.012	0.016	0.013
Oct 13 2021 12:31:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:32:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:33:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:34:00 PM	0.014	0.012	0.017	0.014
Oct 13 2021 12:35:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:36:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:37:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:38:00 PM	0.015	0.012	0.017	0.014
Oct 13 2021 12:39:00 PM	0.015	0.012	0.018	0.014
Oct 13 2021 12:40:00 PM	0.02	0.012	0.017	0.014
Oct 13 2021 12:41:00 PM	0.016	0.013	0.017	0.014
Oct 13 2021 12:42:00 PM	0.015	0.013	0.018	0.014
Oct 13 2021 12:43:00 PM	0.017	0.013	0.018	0.014
Oct 13 2021 12:44:00 PM	0.017	0.013	0.018	0.014



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 12:45:00 PM	0.016	0.013	0.02	0.014
Oct 13 2021 12:46:00 PM	0.018	0.013	0.02	0.014
Oct 13 2021 12:47:00 PM	0.018	0.013	0.019	0.014
Oct 13 2021 12:48:00 PM	0.018	0.013	0.019	0.014
Oct 13 2021 12:49:00 PM	0.017	0.013	0.02	0.014
Oct 13 2021 12:50:00 PM	0.017	0.013	0.02	0.014
Oct 13 2021 12:51:00 PM	0.018	0.013	0.02	0.014
Oct 13 2021 12:52:00 PM	0.018	0.013	0.02	0.014
Oct 13 2021 12:53:00 PM	0.017	0.013	0.02	0.014
Oct 13 2021 12:54:00 PM	0.018	0.013	0.02	0.014
Oct 13 2021 12:55:00 PM	0.019	0.013	0.021	0.014
Oct 13 2021 12:56:00 PM	0.018	0.013	0.021	0.014
Oct 13 2021 12:57:00 PM	0.019	0.013	0.02	0.015
Oct 13 2021 12:58:00 PM	0.018	0.013	0.019	0.015
Oct 13 2021 12:59:00 PM	0.019	0.013	0.02	0.015
Oct 13 2021 1:00:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:01:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:02:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:03:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:04:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:05:00 PM	0.019	0.013	0.022	0.015
Oct 13 2021 1:06:00 PM	0.019	0.013	0.021	0.015
Oct 13 2021 1:07:00 PM	0.02	0.014	0.021	0.015
Oct 13 2021 1:08:00 PM	0.026	0.014	0.024	0.015
Oct 13 2021 1:09:00 PM	0.021	0.014	0.023	0.015
Oct 13 2021 1:10:00 PM	0.02	0.014	0.022	0.015
Oct 13 2021 1:11:00 PM	0.02	0.014	0.022	0.015
Oct 13 2021 1:12:00 PM	0.02	0.014	0.022	0.015
Oct 13 2021 1:13:00 PM	0.023	0.014	0.021	0.015
Oct 13 2021 1:14:00 PM	0.036	0.014	0.023	0.015
Oct 13 2021 1:15:00 PM	0.02	0.014	0.024	0.015
Oct 13 2021 1:16:00 PM	0.02	0.014	0.023	0.015
Oct 13 2021 1:17:00 PM	0.02	0.014	0.022	0.015
Oct 13 2021 1:18:00 PM	0.019	0.014	0.022	0.015
Oct 13 2021 1:19:00 PM	0.019	0.014	0.021	0.016
Oct 13 2021 1:20:00 PM	0.019	0.014	0.022	0.016
Oct 13 2021 1:21:00 PM	0.019	0.014	0.024	0.016
Oct 13 2021 1:22:00 PM	0.019	0.014	0.023	0.016
Oct 13 2021 1:23:00 PM	0.039	0.014	0.024	0.016
Oct 13 2021 1:24:00 PM	0.02	0.014	0.023	0.016
Oct 13 2021 1:25:00 PM	0.018	0.014	0.021	0.016
Oct 13 2021 1:26:00 PM	0.018	0.014	0.02	0.016
Oct 13 2021 1:27:00 PM	0.018	0.014	0.02	0.016
Oct 13 2021 1:28:00 PM	0.017	0.014	0.02	0.016
Oct 13 2021 1:29:00 PM	0.017	0.014	0.019	0.016
Oct 13 2021 1:30:00 PM	0.017	0.015	0.019	
Oct 13 2021 1:31:00 PM	0.016	0.015	0.019	
Oct 13 2021 1:32:00 PM	0.017	0.015	0.019	
Oct 13 2021 1:33:00 PM	0.017	0.015	0.019	
Oct 13 2021 1:34:00 PM	0.017	0.015	0.019	
Oct 13 2021 1:35:00 PM	0.017	0.015	0.019	
Oct 13 2021 1:36:00 PM	0.017	0.015	0.019	

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 1:37:00 PM	0.016	0.015	0.018	
Oct 13 2021 1:38:00 PM	0.016	0.015	0.018	
Oct 13 2021 1:39:00 PM	0.017	0.015	0.018	
Oct 13 2021 1:40:00 PM	0.018	0.015		
Oct 13 2021 1:41:00 PM	0.017	0.015		
Oct 13 2021 1:42:00 PM	0.017	0.015		
Oct 13 2021 1:43:00 PM	0.018	0.015		
Oct 13 2021 1:44:00 PM	0.018	0.015		
Oct 13 2021 1:45:00 PM	0.019	0.015		
Oct 13 2021 1:46:00 PM	0.018	0.015		
Oct 13 2021 1:47:00 PM	0.018	0.015		
Oct 13 2021 1:48:00 PM	0.018	0.015		
Oct 13 2021 1:49:00 PM	0.017	0.015		
Oct 13 2021 1:50:00 PM	0.018	0.015		
Oct 13 2021 1:51:00 PM	0.018	0.015		
Oct 13 2021 1:52:00 PM	0.018	0.015		
Oct 13 2021 1:53:00 PM	0.019	0.015		
Oct 13 2021 1:54:00 PM	0.019	0.015		
Oct 13 2021 1:55:00 PM	0.019	0.015		
Oct 13 2021 1:56:00 PM	0.018	0.015		
Oct 13 2021 1:57:00 PM	0.017	0.016		
Oct 13 2021 1:58:00 PM	0.019	0.016		
Oct 13 2021 1:59:00 PM	0.018	0.016		
Oct 13 2021 2:00:00 PM	0.018	0.016		
Oct 13 2021 2:01:00 PM	0.018	0.016		
Oct 13 2021 2:02:00 PM	0.018	0.016		
Oct 13 2021 2:03:00 PM	0.019	0.016		
Oct 13 2021 2:04:00 PM	0.018	0.016		
Oct 13 2021 2:05:00 PM	0.018	0.016		
Oct 13 2021 2:06:00 PM	0.019	0.016		
Oct 13 2021 2:07:00 PM	0.019	0.016		
Oct 13 2021 2:08:00 PM	0.019	0.016		
Oct 13 2021 2:09:00 PM	0.019	0.016		
Oct 13 2021 2:10:00 PM	0.026	0.016		
Oct 13 2021 2:11:00 PM	0.018	0.016		
Oct 13 2021 2:12:00 PM	0.018	0.016		
Oct 13 2021 2:13:00 PM	0.018	0.016		
Oct 13 2021 2:14:00 PM	0.018	0.016		
Oct 13 2021 2:15:00 PM	0.021	0.016		
Oct 13 2021 2:16:00 PM	0.02	0.016		
Oct 13 2021 2:17:00 PM	0.02	0.016		
Oct 13 2021 2:18:00 PM	0.02	0.016		
Oct 13 2021 2:19:00 PM	0.02	0.016		
Oct 13 2021 2:20:00 PM	0.02	0.016		
Oct 13 2021 2:21:00 PM	0.019	0.016		
Oct 13 2021 2:22:00 PM	0.019	0.017		
Oct 13 2021 2:23:00 PM	0.019	0.017		
Oct 13 2021 2:24:00 PM	0.033	0.017		
Oct 13 2021 2:25:00 PM	0.026	0.017		
Oct 13 2021 2:26:00 PM	0.02	0.017		
Oct 13 2021 2:27:00 PM	0.02	0.017		
Oct 13 2021 2:28:00 PM	0.02	0.017		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 13 2021 2:29:00 PM	0.02	0.017		
Oct 13 2021 2:30:00 PM	0.02	0.017		
Oct 13 2021 2:31:00 PM	0.02	0.017		
Oct 13 2021 2:32:00 PM	0.02	0.017		
Oct 13 2021 2:33:00 PM	0.02	0.017		
Oct 13 2021 2:34:00 PM	0.02	0.017		
Oct 13 2021 2:35:00 PM	0.019	0.017		
Oct 13 2021 2:36:00 PM	0.021	0.017		
Oct 13 2021 2:37:00 PM	0.021	0.017		
Oct 13 2021 2:38:00 PM	0.02	0.017		
Oct 13 2021 2:39:00 PM	0.021	0.017		
Oct 13 2021 2:40:00 PM	0.021	0.017		
Oct 13 2021 2:41:00 PM	0.02	0.017		
Oct 13 2021 2:42:00 PM	0.021	0.017		
Oct 13 2021 2:43:00 PM	0.02	0.017		
Oct 13 2021 2:44:00 PM	0.02	0.017		
Oct 13 2021 2:45:00 PM	0.021	0.018		
Oct 13 2021 2:46:00 PM	0.021	0.018		
Oct 13 2021 2:47:00 PM	0.02	0.018		
Oct 13 2021 2:48:00 PM	0.021	0.018		
Oct 13 2021 2:49:00 PM	0.027	0.018		
Oct 13 2021 2:50:00 PM	0.022	0.018		
Oct 13 2021 2:51:00 PM	0.02	0.018		
Oct 13 2021 2:52:00 PM	0.02	0.018		
Oct 13 2021 2:53:00 PM	0.021	0.018		
Oct 13 2021 2:54:00 PM	0.02	0.018		
Oct 13 2021 2:55:00 PM	0.02	0.018		
Oct 13 2021 2:56:00 PM	0.019			
Oct 13 2021 2:57:00 PM	0.019			
Oct 13 2021 2:58:00 PM	0.021			
Oct 13 2021 2:59:00 PM	0.023			
Oct 13 2021 3:00:00 PM	0.022			
Oct 13 2021 3:01:00 PM	0.025			
Oct 13 2021 3:02:00 PM	0.028			
Oct 13 2021 3:03:00 PM	0.034			
Oct 13 2021 3:04:00 PM	0.028			
Oct 13 2021 3:05:00 PM				
Oct 14 2021 7:16:00 AM				
Oct 14 2021 7:17:00 AM	0	0		
Oct 14 2021 7:18:00 AM	0.025	0		
Oct 14 2021 7:19:00 AM	0.032	0	0.025	0
Oct 14 2021 7:20:00 AM	0.033	0	0.035	0
Oct 14 2021 7:21:00 AM	0.034	0	0.037	0
Oct 14 2021 7:22:00 AM	0.034	0	0.038	0
Oct 14 2021 7:23:00 AM	0.033	0	0.035	0
Oct 14 2021 7:24:00 AM	0.035	0	0.038	0
Oct 14 2021 7:25:00 AM	0.03	0	0.033	0
Oct 14 2021 7:26:00 AM	0.025	0	0.025	0
Oct 14 2021 7:27:00 AM	0.022	0	0.022	0
Oct 14 2021 7:28:00 AM	0.021	0	0.021	0
Oct 14 2021 7:29:00 AM	0.02	0	0.02	0
Oct 14 2021 7:30:00 AM	0.02	0	0.02	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 7:31:00 AM	0.02	0	0.019	0
Oct 14 2021 7:32:00 AM	0.019	0	0.019	0
Oct 14 2021 7:33:00 AM	0.019	0.001	0.019	0
Oct 14 2021 7:34:00 AM	0.019	0.001	0.019	0
Oct 14 2021 7:35:00 AM	0.019	0.001	0.02	0.001
Oct 14 2021 7:36:00 AM	0.019	0.001	0.02	0.001
Oct 14 2021 7:37:00 AM	0.02	0.001	0.02	0.001
Oct 14 2021 7:38:00 AM	0.019	0.001	0.02	0.001
Oct 14 2021 7:39:00 AM	0.02	0.001	0.021	0.001
Oct 14 2021 7:40:00 AM	0.022	0.001	0.023	0.001
Oct 14 2021 7:41:00 AM	0.021	0.001	0.022	0.001
Oct 14 2021 7:42:00 AM	0.024	0.001	0.024	0.001
Oct 14 2021 7:43:00 AM	0.026	0.001	0.026	0.001
Oct 14 2021 7:44:00 AM	0.026	0.001	0.025	0.001
Oct 14 2021 7:45:00 AM	0.026	0.001	0.024	0.001
Oct 14 2021 7:46:00 AM	0.025	0.001	0.026	0.001
Oct 14 2021 7:47:00 AM	0.025	0.001	0.028	0.001
Oct 14 2021 7:48:00 AM	0.024	0.002	0.027	0.001
Oct 14 2021 7:49:00 AM	0.024	0.002	0.027	0.002
Oct 14 2021 7:50:00 AM	0.024	0.002	0.028	0.002
Oct 14 2021 7:51:00 AM	0.024	0.002	0.026	0.002
Oct 14 2021 7:52:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 7:53:00 AM	0.024	0.002	0.025	0.002
Oct 14 2021 7:54:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 7:55:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 7:56:00 AM	0.023	0.002	0.026	0.002
Oct 14 2021 7:57:00 AM	0.023	0.002	0.026	0.002
Oct 14 2021 7:58:00 AM	0.023	0.002	0.024	0.002
Oct 14 2021 7:59:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 8:00:00 AM	0.023	0.002	0.024	0.002
Oct 14 2021 8:01:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 8:02:00 AM	0.023	0.002	0.024	0.002
Oct 14 2021 8:03:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 8:04:00 AM	0.023	0.002	0.025	0.002
Oct 14 2021 8:05:00 AM	0.023	0.002	0.028	0.002
Oct 14 2021 8:06:00 AM	0.023	0.002	0.038	0.002
Oct 14 2021 8:07:00 AM	0.024	0.002	0.028	0.002
Oct 14 2021 8:08:00 AM	0.024	0.003	0.026	0.003
Oct 14 2021 8:09:00 AM	0.025	0.003	0.026	0.003
Oct 14 2021 8:10:00 AM	0.026	0.003	0.025	0.003
Oct 14 2021 8:11:00 AM	0.024	0.003	0.026	0.003
Oct 14 2021 8:12:00 AM	0.023	0.003	0.025	0.003
Oct 14 2021 8:13:00 AM	0.023	0.003	0.026	0.003
Oct 14 2021 8:14:00 AM	0.022	0.003	0.028	0.003
Oct 14 2021 8:15:00 AM	0.022	0.003	0.024	0.003
Oct 14 2021 8:16:00 AM	0.022	0.003	0.023	0.003
Oct 14 2021 8:17:00 AM	0.022	0.003	0.023	0.003
Oct 14 2021 8:18:00 AM	0.021	0.003	0.023	0.003
Oct 14 2021 8:19:00 AM	0.021	0.003	0.024	0.003
Oct 14 2021 8:20:00 AM	0.02	0.003	0.022	0.003
Oct 14 2021 8:21:00 AM	0.021	0.003	0.022	0.003
Oct 14 2021 8:22:00 AM	0.021	0.003	0.023	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 8:23:00 AM	0.02	0.003	0.022	0.003
Oct 14 2021 8:24:00 AM	0.02	0.003	0.022	0.003
Oct 14 2021 8:25:00 AM	0.02	0.003	0.022	0.003
Oct 14 2021 8:26:00 AM	0.02	0.003	0.022	0.003
Oct 14 2021 8:27:00 AM	0.019	0.003	0.025	0.004
Oct 14 2021 8:28:00 AM	0.019	0.003	0.023	0.004
Oct 14 2021 8:29:00 AM	0.019	0.003	0.021	0.004
Oct 14 2021 8:30:00 AM	0.019	0.003	0.021	0.004
Oct 14 2021 8:31:00 AM	0.019	0.004	0.021	0.004
Oct 14 2021 8:32:00 AM	0.019	0.004	0.021	0.004
Oct 14 2021 8:33:00 AM	0.018	0.004	0.021	0.004
Oct 14 2021 8:34:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:35:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:36:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:37:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:38:00 AM	0.017	0.004	0.019	0.004
Oct 14 2021 8:39:00 AM	0.017	0.004	0.019	0.004
Oct 14 2021 8:40:00 AM	0.018	0.004	0.019	0.004
Oct 14 2021 8:41:00 AM	0.017	0.004	0.019	0.004
Oct 14 2021 8:42:00 AM	0.017	0.004	0.019	0.004
Oct 14 2021 8:43:00 AM	0.018	0.004	0.019	0.004
Oct 14 2021 8:44:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:45:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:46:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:47:00 AM	0.018	0.004	0.02	0.004
Oct 14 2021 8:48:00 AM	0.018	0.004	0.019	0.004
Oct 14 2021 8:49:00 AM	0.017	0.004	0.019	0.004
Oct 14 2021 8:50:00 AM	0.017	0.004	0.019	0.005
Oct 14 2021 8:51:00 AM	0.017	0.004	0.019	0.005
Oct 14 2021 8:52:00 AM	0.017	0.004	0.019	0.005
Oct 14 2021 8:53:00 AM	0.017	0.004	0.018	0.005
Oct 14 2021 8:54:00 AM	0.017	0.004	0.018	0.005
Oct 14 2021 8:55:00 AM	0.017	0.004	0.018	0.005
Oct 14 2021 8:56:00 AM	0.016	0.004	0.018	0.005
Oct 14 2021 8:57:00 AM	0.016	0.004	0.018	0.005
Oct 14 2021 8:58:00 AM	0.016	0.005	0.019	0.005
Oct 14 2021 8:59:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:00:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:01:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:02:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:03:00 AM	0.015	0.005	0.018	0.005
Oct 14 2021 9:04:00 AM	0.015	0.005	0.018	0.005
Oct 14 2021 9:05:00 AM	0.015	0.005	0.018	0.005
Oct 14 2021 9:06:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:07:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:08:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:09:00 AM	0.016	0.005	0.017	0.005
Oct 14 2021 9:10:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:11:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:12:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:13:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:14:00 AM	0.016	0.005	0.018	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 9:15:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:16:00 AM	0.016	0.005	0.018	0.005
Oct 14 2021 9:17:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:18:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:19:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:20:00 AM	0.016	0.005	0.019	0.006
Oct 14 2021 9:21:00 AM	0.016	0.005	0.019	0.006
Oct 14 2021 9:22:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:23:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:24:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:25:00 AM	0.016	0.005	0.019	0.006
Oct 14 2021 9:26:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:27:00 AM	0.016	0.005	0.018	0.006
Oct 14 2021 9:28:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:29:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:30:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:31:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:32:00 AM	0.016	0.006	0.018	0.006
Oct 14 2021 9:33:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:34:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:35:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:36:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:37:00 AM	0.015	0.006	0.018	0.006
Oct 14 2021 9:38:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:39:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:40:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:41:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:42:00 AM	0.015	0.006	0.017	0.006
Oct 14 2021 9:43:00 AM	0.015	0.006	0.016	0.006
Oct 14 2021 9:44:00 AM	0.015	0.006	0.017	0.007
Oct 14 2021 9:45:00 AM	0.014	0.006	0.017	0.007
Oct 14 2021 9:46:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:47:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:48:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:49:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:50:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:51:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:52:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:53:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:54:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:55:00 AM	0.014	0.006	0.016	0.007
Oct 14 2021 9:56:00 AM	0.013	0.006	0.016	0.007
Oct 14 2021 9:57:00 AM	0.013	0.006	0.016	0.007
Oct 14 2021 9:58:00 AM	0.013	0.006	0.016	0.007
Oct 14 2021 9:59:00 AM	0.013	0.006	0.015	0.007
Oct 14 2021 10:00:00 AM	0.013	0.006	0.015	0.007
Oct 14 2021 10:01:00 AM	0.013	0.006	0.015	0.007
Oct 14 2021 10:02:00 AM	0.013	0.007	0.015	0.007
Oct 14 2021 10:03:00 AM	0.013	0.007	0.015	0.007
Oct 14 2021 10:04:00 AM	0.012	0.007	0.015	0.007
Oct 14 2021 10:05:00 AM	0.012	0.007	0.014	0.007
Oct 14 2021 10:06:00 AM	0.012	0.007	0.015	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 10:07:00 AM	0.013	0.007	0.015	0.007
Oct 14 2021 10:08:00 AM	0.013	0.007	0.015	0.007
Oct 14 2021 10:09:00 AM	0.013	0.007	0.015	0.007
Oct 14 2021 10:10:00 AM	0.013	0.007	0.014	0.007
Oct 14 2021 10:11:00 AM	0.012	0.007	0.014	0.007
Oct 14 2021 10:12:00 AM	0.012	0.007	0.015	0.007
Oct 14 2021 10:13:00 AM	0.012	0.007	0.017	0.007
Oct 14 2021 10:14:00 AM	0.012	0.007	0.015	0.007
Oct 14 2021 10:15:00 AM	0.012	0.007	0.014	0.008
Oct 14 2021 10:16:00 AM	0.012	0.007	0.014	0.008
Oct 14 2021 10:17:00 AM	0.012	0.007	0.014	0.008
Oct 14 2021 10:18:00 AM	0.011	0.007	0.014	0.008
Oct 14 2021 10:19:00 AM	0.011	0.007	0.015	0.008
Oct 14 2021 10:20:00 AM	0.011	0.007	0.014	0.008
Oct 14 2021 10:21:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:22:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:23:00 AM	0.011	0.007	0.016	0.008
Oct 14 2021 10:24:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:25:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:26:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:27:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:28:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:29:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:30:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:31:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:32:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:33:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:34:00 AM	0.011	0.007	0.012	0.008
Oct 14 2021 10:35:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:36:00 AM	0.011	0.007	0.014	0.008
Oct 14 2021 10:37:00 AM	0.011	0.007	0.012	0.008
Oct 14 2021 10:38:00 AM	0.011	0.007	0.013	0.008
Oct 14 2021 10:39:00 AM	0.011	0.007	0.017	0.008
Oct 14 2021 10:40:00 AM	0.011	0.007	0.024	0.008
Oct 14 2021 10:41:00 AM	0.012	0.007	0.013	0.008
Oct 14 2021 10:42:00 AM	0.011	0.007	0.014	0.008
Oct 14 2021 10:43:00 AM	0.011	0.008	0.013	0.008
Oct 14 2021 10:44:00 AM	0.011	0.008	0.017	0.008
Oct 14 2021 10:45:00 AM	0.011	0.008	0.014	0.008
Oct 14 2021 10:46:00 AM	0.011	0.008	0.015	0.008
Oct 14 2021 10:47:00 AM	0.011	0.008	0.014	0.008
Oct 14 2021 10:48:00 AM	0.011	0.008	0.013	0.008
Oct 14 2021 10:49:00 AM	0.011	0.008	0.014	0.009
Oct 14 2021 10:50:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 10:51:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 10:52:00 AM	0.011	0.008	0.014	0.009
Oct 14 2021 10:53:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 10:54:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 10:55:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 10:56:00 AM	0.01	0.008	0.013	0.009
Oct 14 2021 10:57:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 10:58:00 AM	0.011	0.008	0.013	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 10:59:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:00:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:01:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:02:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:03:00 AM	0.01	0.008	0.012	0.009
Oct 14 2021 11:04:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:05:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:06:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:07:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:08:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:09:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:10:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:11:00 AM	0.011	0.008	0.012	0.009
Oct 14 2021 11:12:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:13:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:14:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:15:00 AM	0.011	0.008	0.014	0.009
Oct 14 2021 11:16:00 AM	0.012	0.008	0.013	0.009
Oct 14 2021 11:17:00 AM	0.012	0.008	0.013	0.009
Oct 14 2021 11:18:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:19:00 AM	0.012	0.008	0.013	0.009
Oct 14 2021 11:20:00 AM	0.012	0.008	0.013	0.009
Oct 14 2021 11:21:00 AM	0.012	0.008	0.014	0.009
Oct 14 2021 11:22:00 AM	0.012	0.008	0.016	0.009
Oct 14 2021 11:23:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:24:00 AM	0.011	0.008	0.013	0.009
Oct 14 2021 11:25:00 AM	0.011	0.008	0.015	0.009
Oct 14 2021 11:26:00 AM	0.011	0.008	0.013	0.01
Oct 14 2021 11:27:00 AM	0.011	0.009	0.013	0.01
Oct 14 2021 11:28:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:29:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:30:00 AM	0.01	0.009	0.012	0.01
Oct 14 2021 11:31:00 AM	0.011	0.009	0.013	0.01
Oct 14 2021 11:32:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:33:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:34:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:35:00 AM	0.011	0.009	0.015	0.01
Oct 14 2021 11:36:00 AM	0.011	0.009	0.013	0.01
Oct 14 2021 11:37:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:38:00 AM	0.011	0.009	0.013	0.01
Oct 14 2021 11:39:00 AM	0.011	0.009	0.012	0.01
Oct 14 2021 11:40:00 AM	0.012	0.009	0.013	0.01
Oct 14 2021 11:41:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:42:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:43:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:44:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:45:00 AM	0.012	0.009	0.015	0.01
Oct 14 2021 11:46:00 AM	0.012	0.009	0.015	0.01
Oct 14 2021 11:47:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:48:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:49:00 AM	0.012	0.009	0.015	0.01
Oct 14 2021 11:50:00 AM	0.012	0.009	0.014	0.01



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 11:51:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:52:00 AM	0.012	0.009	0.013	0.01
Oct 14 2021 11:53:00 AM	0.012	0.009	0.013	0.01
Oct 14 2021 11:54:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:55:00 AM	0.012	0.009	0.016	0.01
Oct 14 2021 11:56:00 AM	0.012	0.009	0.014	0.01
Oct 14 2021 11:57:00 AM	0.012	0.009	0.013	0.01
Oct 14 2021 11:58:00 AM	0.011	0.009	0.013	0.01
Oct 14 2021 11:59:00 AM	0.012	0.009	0.013	0.01
Oct 14 2021 12:00:00 PM	0.012	0.009	0.013	0.01
Oct 14 2021 12:01:00 PM	0.011	0.009	0.013	0.01
Oct 14 2021 12:02:00 PM	0.011	0.009	0.012	0.011
Oct 14 2021 12:03:00 PM	0.01	0.009	0.012	0.011
Oct 14 2021 12:04:00 PM	0.011	0.009	0.012	0.011
Oct 14 2021 12:05:00 PM	0.01	0.009	0.012	0.011
Oct 14 2021 12:06:00 PM	0.01	0.009	0.012	0.011
Oct 14 2021 12:07:00 PM	0.01	0.009	0.011	0.011
Oct 14 2021 12:08:00 PM	0.009	0.009	0.011	0.011
Oct 14 2021 12:09:00 PM	0.009	0.01	0.011	0.011
Oct 14 2021 12:10:00 PM	0.009	0.01	0.011	0.011
Oct 14 2021 12:11:00 PM	0.009	0.01	0.011	0.011
Oct 14 2021 12:12:00 PM	0.009	0.01	0.011	0.011
Oct 14 2021 12:13:00 PM	0.009	0.01	0.01	0.011
Oct 14 2021 12:14:00 PM	0.008	0.01	0.032	0.011
Oct 14 2021 12:15:00 PM	0.008	0.01	0.011	0.011
Oct 14 2021 12:16:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:17:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:18:00 PM	0.008	0.01	0.012	0.011
Oct 14 2021 12:19:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:20:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:21:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:22:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:23:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:24:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:25:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:26:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:27:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:28:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:29:00 PM	0.007	0.01	0.01	0.011
Oct 14 2021 12:30:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:31:00 PM	0.007	0.01	0.013	0.011
Oct 14 2021 12:32:00 PM	0.008	0.01	0.01	0.011
Oct 14 2021 12:33:00 PM	0.007	0.01	0.01	0.011
Oct 14 2021 12:34:00 PM	0.007	0.01	0.009	0.011
Oct 14 2021 12:35:00 PM	0.007	0.01	0.009	0.011
Oct 14 2021 12:36:00 PM	0.007	0.01	0.01	0.011
Oct 14 2021 12:37:00 PM	0.007	0.01	0.009	0.011
Oct 14 2021 12:38:00 PM	0.007	0.01	0.011	0.011
Oct 14 2021 12:39:00 PM	0.007	0.01	0.01	0.011
Oct 14 2021 12:40:00 PM	0.007	0.01	0.009	0.011
Oct 14 2021 12:41:00 PM	0.007	0.01	0.01	0.011
Oct 14 2021 12:42:00 PM	0.007	0.01	0.009	0.011

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 12:43:00 PM	0.007	0.01	0.013	0.011
Oct 14 2021 12:44:00 PM	0.008	0.01	0.009	0.011
Oct 14 2021 12:45:00 PM	0.007	0.01	0.011	0.012
Oct 14 2021 12:46:00 PM	0.007	0.01	0.014	0.012
Oct 14 2021 12:47:00 PM	0.007	0.01	0.01	0.012
Oct 14 2021 12:48:00 PM	0.007	0.01	0.009	0.012
Oct 14 2021 12:49:00 PM	0.007	0.01	0.01	0.012
Oct 14 2021 12:50:00 PM	0.007	0.01	0.011	0.012
Oct 14 2021 12:51:00 PM	0.007	0.01	0.009	0.012
Oct 14 2021 12:52:00 PM	0.007	0.01	0.012	0.012
Oct 14 2021 12:53:00 PM	0.007	0.01	0.016	0.012
Oct 14 2021 12:54:00 PM	0.008	0.01	0.009	0.012
Oct 14 2021 12:55:00 PM	0.007	0.01	0.01	0.012
Oct 14 2021 12:56:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 12:57:00 PM	0.007	0.01	0.009	0.012
Oct 14 2021 12:58:00 PM	0.007	0.01	0.009	0.012
Oct 14 2021 12:59:00 PM	0.007	0.01	0.009	0.012
Oct 14 2021 1:00:00 PM	0.007	0.01	0.011	0.012
Oct 14 2021 1:01:00 PM	0.007	0.01	0.01	0.012
Oct 14 2021 1:02:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:03:00 PM	0.007	0.01	0.01	0.012
Oct 14 2021 1:04:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:05:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:06:00 PM	0.008	0.01	0.017	0.012
Oct 14 2021 1:07:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:08:00 PM	0.008	0.01	0.018	0.012
Oct 14 2021 1:09:00 PM	0.008	0.01	0.017	0.012
Oct 14 2021 1:10:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:11:00 PM	0.008	0.01	0.01	0.012
Oct 14 2021 1:12:00 PM	0.008	0.011	0.01	0.012
Oct 14 2021 1:13:00 PM	0.008	0.011	0.01	0.012
Oct 14 2021 1:14:00 PM	0.008	0.011	0.01	0.012
Oct 14 2021 1:15:00 PM	0.008	0.011	0.01	
Oct 14 2021 1:16:00 PM	0.008	0.011	0.01	
Oct 14 2021 1:17:00 PM	0.008	0.011	0.01	
Oct 14 2021 1:18:00 PM	0.008	0.011	0.011	
Oct 14 2021 1:19:00 PM	0.008	0.011	0.012	
Oct 14 2021 1:20:00 PM	0.008	0.011	0.029	
Oct 14 2021 1:21:00 PM	0.008	0.011	0.012	
Oct 14 2021 1:22:00 PM	0.008	0.011	0.011	
Oct 14 2021 1:23:00 PM	0.009	0.011		
Oct 14 2021 1:24:00 PM	0.008	0.011		
Oct 14 2021 1:25:00 PM	0.008	0.011		
Oct 14 2021 1:26:00 PM	0.008	0.011		
Oct 14 2021 1:27:00 PM	0.009	0.011		
Oct 14 2021 1:28:00 PM	0.009	0.011		
Oct 14 2021 1:29:00 PM	0.009	0.011		
Oct 14 2021 1:30:00 PM	0.008	0.011		
Oct 14 2021 1:31:00 PM	0.009	0.011		
Oct 14 2021 1:32:00 PM	0.009	0.011		
Oct 14 2021 1:33:00 PM	0.009	0.011		
Oct 14 2021 1:34:00 PM	0.009	0.011		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 1:35:00 PM	0.009	0.011		
Oct 14 2021 1:36:00 PM	0.009	0.011		
Oct 14 2021 1:37:00 PM	0.009	0.011		
Oct 14 2021 1:38:00 PM	0.009	0.011		
Oct 14 2021 1:39:00 PM	0.009	0.011		
Oct 14 2021 1:40:00 PM	0.009	0.011		
Oct 14 2021 1:41:00 PM	0.009	0.011		
Oct 14 2021 1:42:00 PM	0.01	0.011		
Oct 14 2021 1:43:00 PM	0.008	0.011		
Oct 14 2021 1:44:00 PM	0.008	0.011		
Oct 14 2021 1:45:00 PM	0.008	0.011		
Oct 14 2021 1:46:00 PM	0.008	0.011		
Oct 14 2021 1:47:00 PM	0.008	0.011		
Oct 14 2021 1:48:00 PM	0.007	0.011		
Oct 14 2021 1:49:00 PM	0.007	0.011		
Oct 14 2021 1:50:00 PM	0.007	0.011		
Oct 14 2021 1:51:00 PM	0.007	0.011		
Oct 14 2021 1:52:00 PM	0.007	0.011		
Oct 14 2021 1:53:00 PM	0.007	0.011		
Oct 14 2021 1:54:00 PM	0.007	0.011		
Oct 14 2021 1:55:00 PM	0.007	0.011		
Oct 14 2021 1:56:00 PM	0.006	0.011		
Oct 14 2021 1:57:00 PM	0.007	0.011		
Oct 14 2021 1:58:00 PM	0.006	0.011		
Oct 14 2021 1:59:00 PM	0.006	0.011		
Oct 14 2021 2:00:00 PM	0.006	0.011		
Oct 14 2021 2:01:00 PM	0.006	0.011		
Oct 14 2021 2:02:00 PM	0.006	0.011		
Oct 14 2021 2:03:00 PM	0.006	0.011		
Oct 14 2021 2:04:00 PM	0.006	0.011		
Oct 14 2021 2:05:00 PM	0.006	0.011		
Oct 14 2021 2:06:00 PM	0.006	0.011		
Oct 14 2021 2:07:00 PM	0.006	0.011		
Oct 14 2021 2:08:00 PM	0.006	0.011		
Oct 14 2021 2:09:00 PM	0.006	0.011		
Oct 14 2021 2:10:00 PM	0.014	0.011		
Oct 14 2021 2:11:00 PM	0.007	0.011		
Oct 14 2021 2:12:00 PM	0.006	0.011		
Oct 14 2021 2:13:00 PM	0.006	0.011		
Oct 14 2021 2:14:00 PM	0.007	0.011		
Oct 14 2021 2:15:00 PM	0.007	0.012		
Oct 14 2021 2:16:00 PM	0.006	0.012		
Oct 14 2021 2:17:00 PM	0.006	0.012		
Oct 14 2021 2:18:00 PM	0.006	0.012		
Oct 14 2021 2:19:00 PM	0.006	0.012		
Oct 14 2021 2:20:00 PM	0.006	0.012		
Oct 14 2021 2:21:00 PM	0.006	0.012		
Oct 14 2021 2:22:00 PM	0.006	0.012		
Oct 14 2021 2:23:00 PM	0.006	0.012		
Oct 14 2021 2:24:00 PM	0.006	0.012		
Oct 14 2021 2:25:00 PM	0.006	0.012		
Oct 14 2021 2:26:00 PM	0.006	0.012		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 14 2021 2:27:00 PM	0.006	0.012		
Oct 14 2021 2:28:00 PM	0.006	0.012		
Oct 14 2021 2:29:00 PM	0.006	0.012		
Oct 14 2021 2:30:00 PM	0.006	0.012		
Oct 14 2021 2:31:00 PM	0.006	0.012		
Oct 14 2021 2:32:00 PM	0.006	0.012		
Oct 14 2021 2:33:00 PM	0.006	0.012		
Oct 14 2021 2:34:00 PM	0.006	0.012		
Oct 14 2021 2:35:00 PM	0.006	0.012		
Oct 14 2021 2:36:00 PM	0.006			
Oct 14 2021 2:37:00 PM				
Oct 14 2021 2:38:00 PM	0.009			
Oct 14 2021 2:39:00 PM	0.01			
Oct 14 2021 2:40:00 PM	0.008			
Oct 14 2021 2:41:00 PM	0.011			
Oct 14 2021 2:42:00 PM	0.008			
Oct 14 2021 2:43:00 PM	0.008			
Oct 14 2021 2:44:00 PM	0.021			
Oct 14 2021 2:45:00 PM	0.013			
Oct 14 2021 2:46:00 PM	0.009			
Oct 14 2021 2:47:00 PM				
Oct 15 2021 7:05:00 AM				
Oct 15 2021 7:06:00 AM	0.016	0	0.008	0
Oct 15 2021 7:07:00 AM	0.014	0	0.015	0
Oct 15 2021 7:08:00 AM	0.017	0	0.018	0
Oct 15 2021 7:09:00 AM	0.017	0	0.018	0
Oct 15 2021 7:10:00 AM	0.017	0	0.018	0
Oct 15 2021 7:11:00 AM	0.019	0	0.018	0
Oct 15 2021 7:12:00 AM	0.014	0	0.015	0
Oct 15 2021 7:13:00 AM	0.011	0	0.011	0
Oct 15 2021 7:14:00 AM	0.01	0	0.011	0
Oct 15 2021 7:15:00 AM	0.01	0	0.01	0
Oct 15 2021 7:16:00 AM	0.01	0	0.01	0
Oct 15 2021 7:17:00 AM	0.01	0	0.01	0
Oct 15 2021 7:18:00 AM	0.01	0	0.01	0
Oct 15 2021 7:19:00 AM	0.01	0	0.01	0
Oct 15 2021 7:20:00 AM	0.011	0	0.011	0
Oct 15 2021 7:21:00 AM	0.01	0	0.011	0
Oct 15 2021 7:22:00 AM	0.01	0	0.011	0
Oct 15 2021 7:23:00 AM	0.009	0	0.009	0
Oct 15 2021 7:24:00 AM	0.009	0	0.009	0
Oct 15 2021 7:25:00 AM	0.01	0.001	0.01	0
Oct 15 2021 7:26:00 AM	0.01	0.001	0.01	0
Oct 15 2021 7:27:00 AM	0.016	0.001	0.016	0.001
Oct 15 2021 7:28:00 AM	0.014	0.001	0.015	0.001
Oct 15 2021 7:29:00 AM	0.014	0.001	0.014	0.001
Oct 15 2021 7:30:00 AM	0.013	0.001	0.014	0.001
Oct 15 2021 7:31:00 AM	0.01	0.001	0.011	0.001
Oct 15 2021 7:32:00 AM	0.01	0.001	0.01	0.001
Oct 15 2021 7:33:00 AM	0.009	0.001	0.01	0.001
Oct 15 2021 7:34:00 AM	0.01	0.001	0.01	0.001
Oct 15 2021 7:35:00 AM	0.009	0.001	0.01	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 15 2021 7:36:00 AM	0.01	0.001	0.01	0.001
Oct 15 2021 7:37:00 AM	0.011	0.001	0.01	0.001
Oct 15 2021 7:38:00 AM	0.011	0.001	0.012	0.001
Oct 15 2021 7:39:00 AM	0.012	0.001	0.012	0.001
Oct 15 2021 7:40:00 AM	0.011	0.001	0.012	0.001
Oct 15 2021 7:41:00 AM	0.011	0.001	0.012	0.001
Oct 15 2021 7:42:00 AM	0.011	0.001	0.012	0.001
Oct 15 2021 7:43:00 AM	0.011	0.001	0.011	0.001
Oct 15 2021 7:44:00 AM	0.011	0.001	0.012	0.001
Oct 15 2021 7:45:00 AM	0.011	0.001	0.011	0.001
Oct 15 2021 7:46:00 AM	0.011	0.001	0.011	0.001
Oct 15 2021 7:47:00 AM	0.01	0.001	0.011	0.001
Oct 15 2021 7:48:00 AM	0.013	0.001	0.012	0.001
Oct 15 2021 7:49:00 AM	0.018	0.001	0.016	0.001
Oct 15 2021 7:50:00 AM	0.022	0.001	0.022	0.001
Oct 15 2021 7:51:00 AM	0.019	0.001	0.023	0.001
Oct 15 2021 7:52:00 AM	0.016	0.001	0.021	0.001
Oct 15 2021 7:53:00 AM	0.015	0.001	0.018	0.001
Oct 15 2021 7:54:00 AM	0.014	0.001	0.016	0.001
Oct 15 2021 7:55:00 AM	0.013	0.001	0.014	0.001
Oct 15 2021 7:56:00 AM	0.012	0.001	0.013	0.001
Oct 15 2021 7:57:00 AM	0.013	0.001	0.012	0.001
Oct 15 2021 7:58:00 AM	0.016	0.001	0.017	0.001
Oct 15 2021 7:59:00 AM	0.014	0.001	0.015	0.001
Oct 15 2021 8:00:00 AM	0.013	0.001	0.014	0.001
Oct 15 2021 8:01:00 AM	0.012	0.001	0.013	0.001
Oct 15 2021 8:02:00 AM	0.013	0.001	0.014	0.001
Oct 15 2021 8:03:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:04:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:05:00 AM	0.012	0.002	0.012	0.002
Oct 15 2021 8:06:00 AM	0.011	0.002	0.012	0.002
Oct 15 2021 8:07:00 AM	0.011	0.002	0.014	0.002
Oct 15 2021 8:08:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:09:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:10:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:11:00 AM	0.012	0.002	0.014	0.002
Oct 15 2021 8:12:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:13:00 AM	0.013	0.002	0.013	0.002
Oct 15 2021 8:14:00 AM	0.013	0.002	0.014	0.002
Oct 15 2021 8:15:00 AM	0.015	0.002	0.016	0.002
Oct 15 2021 8:16:00 AM	0.013	0.002	0.014	0.002
Oct 15 2021 8:17:00 AM	0.012	0.002	0.013	0.002
Oct 15 2021 8:18:00 AM	0.011	0.002	0.012	0.002
Oct 15 2021 8:19:00 AM	0.011	0.002	0.013	0.002
Oct 15 2021 8:20:00 AM	0.01	0.002	0.013	0.002
Oct 15 2021 8:21:00 AM	0.011	0.002	0.013	0.002
Oct 15 2021 8:22:00 AM	0.011	0.002	0.012	0.002
Oct 15 2021 8:23:00 AM	0.011	0.002	0.012	0.002
Oct 15 2021 8:24:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:25:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:26:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:27:00 AM	0.01	0.002	0.012	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 15 2021 8:28:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:29:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:30:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:31:00 AM	0.01	0.002	0.012	0.002
Oct 15 2021 8:32:00 AM	0.01	0.002	0.013	0.002
Oct 15 2021 8:33:00 AM	0.01	0.002	0.013	0.002
Oct 15 2021 8:34:00 AM	0.011	0.002	0.012	0.002
Oct 15 2021 8:35:00 AM	0.011	0.002	0.013	0.002
Oct 15 2021 8:36:00 AM	0.011	0.002	0.013	0.002
Oct 15 2021 8:37:00 AM	0.013	0.002	0.016	0.002
Oct 15 2021 8:38:00 AM	0.013	0.002	0.015	0.002
Oct 15 2021 8:39:00 AM	0.011	0.002	0.013	0.002
Oct 15 2021 8:40:00 AM	0.011	0.002	0.012	0.003
Oct 15 2021 8:41:00 AM	0.01	0.002	0.012	0.003
Oct 15 2021 8:42:00 AM	0.009	0.002	0.01	0.003
Oct 15 2021 8:43:00 AM	0.01	0.002	0.011	0.003
Oct 15 2021 8:44:00 AM	0.012	0.002	0.012	0.003
Oct 15 2021 8:45:00 AM	0.012	0.002	0.013	0.003
Oct 15 2021 8:46:00 AM	0.019	0.003	0.021	0.003
Oct 15 2021 8:47:00 AM	0.023	0.003	0.026	0.003
Oct 15 2021 8:48:00 AM	0.021	0.003	0.024	0.003
Oct 15 2021 8:49:00 AM	0.023	0.003	0.025	0.003
Oct 15 2021 8:50:00 AM	0.017	0.003	0.019	0.003
Oct 15 2021 8:51:00 AM	0.015	0.003	0.017	0.003
Oct 15 2021 8:52:00 AM	0.015	0.003	0.016	0.003
Oct 15 2021 8:53:00 AM	0.014	0.003	0.017	0.003
Oct 15 2021 8:54:00 AM	0.019	0.003	0.022	0.003
Oct 15 2021 8:55:00 AM	0.02	0.003	0.021	0.003
Oct 15 2021 8:56:00 AM	0.015	0.003	0.018	0.003
Oct 15 2021 8:57:00 AM	0.013	0.003	0.015	0.003
Oct 15 2021 8:58:00 AM	0.011	0.003	0.013	0.003
Oct 15 2021 8:59:00 AM	0.016	0.003	0.015	0.003
Oct 15 2021 9:00:00 AM	0.016	0.003	0.017	0.003
Oct 15 2021 9:01:00 AM	0.015	0.003	0.017	0.003
Oct 15 2021 9:02:00 AM	0.013	0.003	0.015	0.003
Oct 15 2021 9:03:00 AM	0.012	0.003	0.014	0.003
Oct 15 2021 9:04:00 AM	0.011	0.003	0.012	0.003
Oct 15 2021 9:05:00 AM	0.01	0.003	0.014	0.003
Oct 15 2021 9:06:00 AM	0.01	0.003	0.013	0.003
Oct 15 2021 9:07:00 AM	0.01	0.003	0.011	0.003
Oct 15 2021 9:08:00 AM	0.009	0.003	0.011	0.003
Oct 15 2021 9:09:00 AM	0.011	0.003	0.012	0.003
Oct 15 2021 9:10:00 AM	0.014	0.003	0.015	0.004
Oct 15 2021 9:11:00 AM	0.022	0.003	0.025	0.004
Oct 15 2021 9:12:00 AM	0.018	0.003	0.02	0.004
Oct 15 2021 9:13:00 AM	0.013	0.003	0.015	0.004
Oct 15 2021 9:14:00 AM	0.01	0.003	0.012	0.004
Oct 15 2021 9:15:00 AM	0.008	0.003	0.01	0.004
Oct 15 2021 9:16:00 AM	0.008	0.003	0.011	0.004
Oct 15 2021 9:17:00 AM	0.014	0.003	0.016	0.004
Oct 15 2021 9:18:00 AM	0.014	0.003	0.018	0.004
Oct 15 2021 9:19:00 AM	0.023	0.004	0.032	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 15 2021 9:20:00 AM	0.019	0.004	0.024	0.004
Oct 15 2021 9:21:00 AM	0.014	0.004	0.017	0.004
Oct 15 2021 9:22:00 AM	0.013	0.004	0.016	0.004
Oct 15 2021 9:23:00 AM	0.025	0.004	0.028	0.004
Oct 15 2021 9:24:00 AM	0.031	0.004	0.035	0.004
Oct 15 2021 9:25:00 AM	0.027	0.004	0.032	0.004
Oct 15 2021 9:26:00 AM	0.032	0.004	0.04	0.004
Oct 15 2021 9:27:00 AM	0.026	0.004	0.027	0.004
Oct 15 2021 9:28:00 AM	0.017	0.004	0.022	0.004
Oct 15 2021 9:29:00 AM	0.014	0.004	0.017	0.004
Oct 15 2021 9:30:00 AM	0.011	0.004	0.014	0.004
Oct 15 2021 9:31:00 AM	0.012	0.004	0.015	0.004
Oct 15 2021 9:32:00 AM	0.014	0.004	0.016	0.004
Oct 15 2021 9:33:00 AM	0.013	0.004	0.016	0.004
Oct 15 2021 9:34:00 AM	0.014	0.004	0.017	0.005
Oct 15 2021 9:35:00 AM	0.013	0.004	0.015	0.005
Oct 15 2021 9:36:00 AM	0.012	0.004	0.013	0.005
Oct 15 2021 9:37:00 AM	0.01	0.004	0.012	0.005
Oct 15 2021 9:38:00 AM	0.01	0.004	0.013	0.005
Oct 15 2021 9:39:00 AM	0.024	0.004	0.026	0.005
Oct 15 2021 9:40:00 AM	0.021	0.004	0.021	0.005
Oct 15 2021 9:41:00 AM	0.013	0.004	0.016	0.005
Oct 15 2021 9:42:00 AM	0.013	0.004	0.014	0.005
Oct 15 2021 9:43:00 AM	0.012	0.004	0.013	0.005
Oct 15 2021 9:44:00 AM	0.012	0.004	0.015	0.005
Oct 15 2021 9:45:00 AM	0.027	0.004	0.046	0.005
Oct 15 2021 9:46:00 AM	0.046	0.005	0.045	0.005
Oct 15 2021 9:47:00 AM	0.027	0.005	0.036	0.005
Oct 15 2021 9:48:00 AM	0.024	0.005	0.026	0.005
Oct 15 2021 9:49:00 AM	0.014	0.005	0.016	0.005
Oct 15 2021 9:50:00 AM	0.012	0.005	0.02	0.005
Oct 15 2021 9:51:00 AM	0.022	0.005	0.025	0.005
Oct 15 2021 9:52:00 AM	0.016	0.005	0.02	0.005
Oct 15 2021 9:53:00 AM	0.014	0.005	0.016	0.005
Oct 15 2021 9:54:00 AM	0.011	0.005	0.013	0.005
Oct 15 2021 9:55:00 AM	0.01	0.005	0.012	0.005
Oct 15 2021 9:56:00 AM	0.01	0.005	0.012	0.005
Oct 15 2021 9:57:00 AM	0.009	0.005	0.011	0.005
Oct 15 2021 9:58:00 AM	0.009	0.005	0.011	0.006
Oct 15 2021 9:59:00 AM	0.009	0.005	0.011	0.006
Oct 15 2021 10:00:00 AM	0.01	0.005	0.011	0.006
Oct 15 2021 10:01:00 AM	0.011	0.005	0.013	0.006
Oct 15 2021 10:02:00 AM	0.009	0.005	0.012	0.006
Oct 15 2021 10:03:00 AM	0.009	0.005	0.011	0.006
Oct 15 2021 10:04:00 AM	0.009	0.005	0.01	0.006
Oct 15 2021 10:05:00 AM	0.008	0.005	0.01	0.006
Oct 15 2021 10:06:00 AM	0.008	0.005	0.01	0.006
Oct 15 2021 10:07:00 AM	0.009	0.005	0.01	0.006
Oct 15 2021 10:08:00 AM	0.009	0.005	0.01	0.006
Oct 15 2021 10:09:00 AM	0.009	0.005	0.01	0.006
Oct 15 2021 10:10:00 AM	0.008	0.005	0.01	0.006
Oct 15 2021 10:11:00 AM	0.008	0.005	0.009	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 15 2021 10:12:00 AM	0.009	0.005	0.01	0.006
Oct 15 2021 10:13:00 AM	0.008	0.005	0.01	0.006
Oct 15 2021 10:14:00 AM	0.008	0.005	0.01	0.006
Oct 15 2021 10:15:00 AM	0.014	0.005	0.01	0.006
Oct 15 2021 10:16:00 AM	0.021	0.005	0.017	0.006
Oct 15 2021 10:17:00 AM	0.017	0.005	0.018	0.006
Oct 15 2021 10:18:00 AM	0.014	0.005	0.016	0.006
Oct 15 2021 10:19:00 AM	0.01	0.005	0.013	0.006
Oct 15 2021 10:20:00 AM	0.01	0.005	0.012	0.006
Oct 15 2021 10:21:00 AM	0.01	0.005	0.011	0.006
Oct 15 2021 10:22:00 AM	0.009	0.005	0.011	0.006
Oct 15 2021 10:23:00 AM	0.009	0.005	0.011	0.006
Oct 15 2021 10:24:00 AM	0.009	0.006	0.011	0.006
Oct 15 2021 10:25:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:26:00 AM	0.009	0.006	0.011	0.006
Oct 15 2021 10:27:00 AM	0.009	0.006	0.011	0.006
Oct 15 2021 10:28:00 AM	0.014	0.006	0.015	0.006
Oct 15 2021 10:29:00 AM	0.014	0.006	0.015	0.006
Oct 15 2021 10:30:00 AM	0.012	0.006	0.013	0.006
Oct 15 2021 10:31:00 AM	0.011	0.006	0.013	0.006
Oct 15 2021 10:32:00 AM	0.01	0.006	0.011	0.006
Oct 15 2021 10:33:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:34:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:35:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:36:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:37:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:38:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:39:00 AM	0.009	0.006	0.01	0.006
Oct 15 2021 10:40:00 AM	0.009	0.006	0.01	0.007
Oct 15 2021 10:41:00 AM	0.009	0.006	0.01	0.007
Oct 15 2021 10:42:00 AM	0.01	0.006	0.011	0.007
Oct 15 2021 10:43:00 AM	0.009	0.006	0.011	0.007
Oct 15 2021 10:44:00 AM	0.009	0.006	0.01	0.007
Oct 15 2021 10:45:00 AM	0.012	0.006	0.012	0.007
Oct 15 2021 10:46:00 AM	0.014	0.006	0.015	0.007
Oct 15 2021 10:47:00 AM	0.013	0.006	0.014	0.007
Oct 15 2021 10:48:00 AM	0.012	0.006	0.013	0.007
Oct 15 2021 10:49:00 AM	0.011	0.006	0.013	0.007
Oct 15 2021 10:50:00 AM	0.014	0.006	0.024	0.007
Oct 15 2021 10:51:00 AM	0.02	0.006	0.024	0.007
Oct 15 2021 10:52:00 AM	0.019	0.006	0.022	0.007
Oct 15 2021 10:53:00 AM	0.018	0.006	0.019	0.007
Oct 15 2021 10:54:00 AM	0.014	0.006	0.016	0.007
Oct 15 2021 10:55:00 AM	0.012	0.006	0.014	0.007
Oct 15 2021 10:56:00 AM	0.013	0.006	0.02	0.007
Oct 15 2021 10:57:00 AM	0.016	0.006	0.02	0.007
Oct 15 2021 10:58:00 AM	0.015	0.006	0.018	0.007
Oct 15 2021 10:59:00 AM	0.013	0.006	0.016	0.007
Oct 15 2021 11:00:00 AM	0.012	0.006	0.014	0.007
Oct 15 2021 11:01:00 AM	0.01	0.006	0.013	0.007
Oct 15 2021 11:02:00 AM	0.009	0.006	0.012	0.007
Oct 15 2021 11:03:00 AM	0.009	0.006	0.011	0.007



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 15 2021 11:04:00 AM	0.012	0.006	0.012	0.007
Oct 15 2021 11:05:00 AM	0.016	0.007	0.018	0.007
Oct 15 2021 11:06:00 AM	0.013	0.007	0.016	0.007
Oct 15 2021 11:07:00 AM	0.011	0.007	0.014	0.007
Oct 15 2021 11:08:00 AM	0.01	0.007	0.013	0.007
Oct 15 2021 11:09:00 AM	0.009	0.007	0.011	0.007
Oct 15 2021 11:10:00 AM	0.009	0.007	0.01	0.007
Oct 15 2021 11:11:00 AM	0.009	0.007	0.01	0.007
Oct 15 2021 11:12:00 AM	0.008	0.007	0.01	0.007
Oct 15 2021 11:13:00 AM	0.009	0.007	0.01	0.008
Oct 15 2021 11:14:00 AM	0.009	0.007	0.011	0.008
Oct 15 2021 11:15:00 AM	0.009	0.007	0.01	0.008
Oct 15 2021 11:16:00 AM	0.008	0.007	0.009	0.008
Oct 15 2021 11:17:00 AM	0.008	0.007	0.009	0.008
Oct 15 2021 11:18:00 AM	0.008	0.007	0.009	0.008
Oct 15 2021 11:19:00 AM	0.008	0.007	0.009	0.008
Oct 15 2021 11:20:00 AM	0.008	0.007	0.009	0.008
Oct 15 2021 11:21:00 AM	0.008	0.007	0.01	0.008
Oct 15 2021 11:22:00 AM	0.008	0.007	0.01	0.008
Oct 15 2021 11:23:00 AM	0.008	0.007	0.01	0.008
Oct 15 2021 11:24:00 AM	0.008	0.007	0.01	0.008
Oct 15 2021 11:25:00 AM	0.009	0.007	0.01	0.008
Oct 15 2021 11:26:00 AM	0.011	0.007	0.011	0.008
Oct 15 2021 11:27:00 AM	0.01	0.007	0.012	0.008
Oct 15 2021 11:28:00 AM	0.009	0.007	0.011	0.008
Oct 15 2021 11:29:00 AM	0.009	0.007	0.011	0.008
Oct 15 2021 11:30:00 AM	0.009	0.007	0.012	0.008
Oct 15 2021 11:31:00 AM	0.011	0.007	0.014	0.008
Oct 15 2021 11:32:00 AM	0.011	0.007	0.014	0.008
Oct 15 2021 11:33:00 AM	0.011	0.007	0.014	
Oct 15 2021 11:34:00 AM	0.011	0.007	0.014	
Oct 15 2021 11:35:00 AM	0.014	0.007	0.012	
Oct 15 2021 11:36:00 AM			0.01	
Oct 15 2021 11:37:00 AM			0.012	
Oct 15 2021 11:38:00 AM				
Oct 18 2021 7:06:00 AM	0	0		
Oct 18 2021 7:07:00 AM	0	0		
Oct 18 2021 7:08:00 AM	0	0	0.004	0
Oct 18 2021 7:09:00 AM	0	0	0.014	0
Oct 18 2021 7:10:00 AM	0	0	0.014	0
Oct 18 2021 7:11:00 AM	0	0	0.019	0
Oct 18 2021 7:12:00 AM	0	0	0.017	0
Oct 18 2021 7:13:00 AM	0	0	0.014	0
Oct 18 2021 7:14:00 AM	0	0	0.017	0
Oct 18 2021 7:15:00 AM	0	0	0.01	0
Oct 18 2021 7:16:00 AM	0.005	0	0.005	0
Oct 18 2021 7:17:00 AM	0.005	0	0.008	0
Oct 18 2021 7:18:00 AM	0.005	0	0.006	0
Oct 18 2021 7:19:00 AM	0.005	0	0.005	0
Oct 18 2021 7:20:00 AM	0.007	0	0.01	0
Oct 18 2021 7:21:00 AM	0.005	0	0.005	0
Oct 18 2021 7:22:00 AM	0.005	0	0.005	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 7:23:00 AM	0.005	0	0.005	0
Oct 18 2021 7:24:00 AM	0.005	0	0.005	0
Oct 18 2021 7:25:00 AM	0.005	0	0.005	0
Oct 18 2021 7:26:00 AM	0.006	0	0.005	0
Oct 18 2021 7:27:00 AM	0.005	0	0.006	0
Oct 18 2021 7:28:00 AM	0.005	0	0.005	0
Oct 18 2021 7:29:00 AM	0.005	0	0.005	0
Oct 18 2021 7:30:00 AM	0.005	0	0.005	0
Oct 18 2021 7:31:00 AM	0.005	0	0.005	0
Oct 18 2021 7:32:00 AM	0.005	0	0.005	0
Oct 18 2021 7:33:00 AM	0.006	0	0.006	0
Oct 18 2021 7:34:00 AM	0.006	0	0.007	0
Oct 18 2021 7:35:00 AM	0.005	0	0.007	0
Oct 18 2021 7:36:00 AM	0.005	0	0.006	0
Oct 18 2021 7:37:00 AM	0.005	0	0.005	0
Oct 18 2021 7:38:00 AM	0.005	0	0.006	0
Oct 18 2021 7:39:00 AM	0.005	0	0.006	0
Oct 18 2021 7:40:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:41:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:42:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:43:00 AM	0.005	0	0.005	0.001
Oct 18 2021 7:44:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:45:00 AM	0.005	0	0.005	0.001
Oct 18 2021 7:46:00 AM	0.005	0	0.005	0.001
Oct 18 2021 7:47:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:48:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:49:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:50:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:51:00 AM	0.005	0	0.006	0.001
Oct 18 2021 7:52:00 AM	0.006	0	0.006	0.001
Oct 18 2021 7:53:00 AM	0.006	0	0.006	0.001
Oct 18 2021 7:54:00 AM	0.006	0	0.006	0.001
Oct 18 2021 7:55:00 AM	0.006	0	0.007	0.001
Oct 18 2021 7:56:00 AM	0.006	0	0.007	0.001
Oct 18 2021 7:57:00 AM	0.006	0	0.007	0.001
Oct 18 2021 7:58:00 AM	0.007	0	0.007	0.001
Oct 18 2021 7:59:00 AM	0.007	0	0.007	0.001
Oct 18 2021 8:00:00 AM	0.007	0	0.007	0.001
Oct 18 2021 8:01:00 AM	0.007	0.001	0.007	0.001
Oct 18 2021 8:02:00 AM	0.007	0.001	0.007	0.001
Oct 18 2021 8:03:00 AM	0.007	0.001	0.007	0.001
Oct 18 2021 8:04:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:05:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:06:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:07:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:08:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:09:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:10:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:11:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:12:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:13:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:14:00 AM	0.006	0.001	0.006	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 8:15:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:16:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:17:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:18:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:19:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:20:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:21:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:22:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:23:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:24:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:25:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:26:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:27:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:28:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:29:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:30:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:31:00 AM	0.007	0.001	0.006	0.001
Oct 18 2021 8:32:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:33:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:34:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:35:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:36:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:37:00 AM	0.006	0.001	0.011	0.001
Oct 18 2021 8:38:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:39:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:40:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:41:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:42:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:43:00 AM	0.006	0.001	0.005	0.001
Oct 18 2021 8:44:00 AM	0.005	0.001	0.013	0.001
Oct 18 2021 8:45:00 AM	0.006	0.001	0.01	0.001
Oct 18 2021 8:46:00 AM	0.006	0.001	0.007	0.001
Oct 18 2021 8:47:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:48:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:49:00 AM	0.006	0.001	0.011	0.001
Oct 18 2021 8:50:00 AM	0.005	0.001	0.006	0.001
Oct 18 2021 8:51:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:52:00 AM	0.006	0.001	0.005	0.001
Oct 18 2021 8:53:00 AM	0.006	0.001	0.006	0.001
Oct 18 2021 8:54:00 AM	0.005	0.001	0.006	0.002
Oct 18 2021 8:55:00 AM	0.006	0.001	0.008	0.002
Oct 18 2021 8:56:00 AM	0.005	0.001	0.007	0.002
Oct 18 2021 8:57:00 AM	0.005	0.001	0.006	0.002
Oct 18 2021 8:58:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 8:59:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:00:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:01:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:02:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:03:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:04:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:05:00 AM	0.006	0.001	0.006	0.002
Oct 18 2021 9:06:00 AM	0.006	0.001	0.005	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 9:07:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:08:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:09:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:10:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:11:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:12:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:13:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:14:00 AM	0.006	0.001	0.005	0.002
Oct 18 2021 9:15:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:16:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:17:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:18:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:19:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:20:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:21:00 AM	0.007	0.001	0.005	0.002
Oct 18 2021 9:22:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:23:00 AM	0.005	0.001	0.005	0.002
Oct 18 2021 9:24:00 AM	0.005	0.002	0.004	0.002
Oct 18 2021 9:25:00 AM	0.005	0.002	0.006	0.002
Oct 18 2021 9:26:00 AM	0.005	0.002	0.005	0.002
Oct 18 2021 9:27:00 AM	0.009	0.002	0.006	0.002
Oct 18 2021 9:28:00 AM	0.006	0.002	0.005	0.002
Oct 18 2021 9:29:00 AM	0.005	0.002	0.006	0.002
Oct 18 2021 9:30:00 AM	0.005	0.002	0.008	0.002
Oct 18 2021 9:31:00 AM	0.005	0.002	0.013	0.002
Oct 18 2021 9:32:00 AM	0.005	0.002	0.006	0.002
Oct 18 2021 9:33:00 AM	0.011	0.002	0.005	0.002
Oct 18 2021 9:34:00 AM	0.005	0.002	0.009	0.002
Oct 18 2021 9:35:00 AM	0.004	0.002	0.009	0.002
Oct 18 2021 9:36:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 9:37:00 AM	0.008	0.002	0.008	0.002
Oct 18 2021 9:38:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:39:00 AM	0.005	0.002	0.005	0.002
Oct 18 2021 9:40:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:41:00 AM	0.004	0.002	0.007	0.002
Oct 18 2021 9:42:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:43:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:44:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:45:00 AM	0.006	0.002	0.005	0.002
Oct 18 2021 9:46:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:47:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:48:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:49:00 AM	0.004	0.002	0.007	0.002
Oct 18 2021 9:50:00 AM	0.004	0.002	0.007	0.002
Oct 18 2021 9:51:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 9:52:00 AM	0.013	0.002	0.009	0.002
Oct 18 2021 9:53:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 9:54:00 AM	0.004	0.002	0.008	0.002
Oct 18 2021 9:55:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 9:56:00 AM	0.004	0.002	0.007	0.002
Oct 18 2021 9:57:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 9:58:00 AM	0.004	0.002	0.031	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 9:59:00 AM	0.004	0.002	0.004	0.002
Oct 18 2021 10:00:00 AM	0.004	0.002	0.004	0.002
Oct 18 2021 10:01:00 AM	0.005	0.002	0.004	0.002
Oct 18 2021 10:02:00 AM	0.004	0.002	0.01	0.002
Oct 18 2021 10:03:00 AM	0.004	0.002	0.005	0.002
Oct 18 2021 10:04:00 AM	0.004	0.002	0.004	0.002
Oct 18 2021 10:05:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 10:06:00 AM	0.004	0.002	0.004	0.002
Oct 18 2021 10:07:00 AM	0.004	0.002	0.006	0.002
Oct 18 2021 10:08:00 AM	0.003	0.002	0.004	0.002
Oct 18 2021 10:09:00 AM	0.003	0.002	0.005	0.002
Oct 18 2021 10:10:00 AM	0.003	0.002	0.004	0.002
Oct 18 2021 10:11:00 AM	0.004	0.002	0.004	0.002
Oct 18 2021 10:12:00 AM	0.003	0.002	0.004	0.002
Oct 18 2021 10:13:00 AM	0.005	0.002	0.005	0.002
Oct 18 2021 10:14:00 AM	0.004	0.002	0.006	0.003
Oct 18 2021 10:15:00 AM	0.004	0.002	0.004	0.003
Oct 18 2021 10:16:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:17:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:18:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 10:19:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:20:00 AM	0.004	0.002	0.004	0.003
Oct 18 2021 10:21:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:22:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:23:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:24:00 AM	0.004	0.002	0.004	0.003
Oct 18 2021 10:25:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:26:00 AM	0.003	0.002	0.006	0.003
Oct 18 2021 10:27:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 10:28:00 AM	0.004	0.002	0.004	0.003
Oct 18 2021 10:29:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:30:00 AM	0.004	0.002	0.008	0.003
Oct 18 2021 10:31:00 AM	0.01	0.002	0.012	0.003
Oct 18 2021 10:32:00 AM	0.004	0.002	0.009	0.003
Oct 18 2021 10:33:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:34:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:35:00 AM	0.004	0.002	0.007	0.003
Oct 18 2021 10:36:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:37:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:38:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:39:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:40:00 AM	0.004	0.002	0.013	0.003
Oct 18 2021 10:41:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:42:00 AM	0.003	0.002	0.006	0.003
Oct 18 2021 10:43:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:44:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 10:45:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:46:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 10:47:00 AM	0.003	0.002	0.008	0.003
Oct 18 2021 10:48:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:49:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 10:50:00 AM	0.003	0.002	0.009	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 10:51:00 AM	0.003	0.002	0.013	0.003
Oct 18 2021 10:52:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 10:53:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:54:00 AM	0.003	0.002	0.011	0.003
Oct 18 2021 10:55:00 AM	0.003	0.002	0.012	0.003
Oct 18 2021 10:56:00 AM	0.004	0.002	0.007	0.003
Oct 18 2021 10:57:00 AM	0.003	0.002	0.011	0.003
Oct 18 2021 10:58:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 10:59:00 AM	0.004	0.002	0.005	0.003
Oct 18 2021 11:00:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 11:01:00 AM	0.003	0.002	0.006	0.003
Oct 18 2021 11:02:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 11:03:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:04:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:05:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 11:06:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 11:07:00 AM	0.003	0.002	0.005	0.003
Oct 18 2021 11:08:00 AM	0.003	0.002	0.006	0.003
Oct 18 2021 11:09:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:10:00 AM	0.003	0.002	0.014	0.003
Oct 18 2021 11:11:00 AM	0.003	0.002	0.01	0.003
Oct 18 2021 11:12:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:13:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:14:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:15:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:16:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:17:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:18:00 AM	0.003	0.002	0.01	0.003
Oct 18 2021 11:19:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:20:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:21:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:22:00 AM	0.003	0.002	0.003	0.003
Oct 18 2021 11:23:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:24:00 AM	0.003	0.002	0.008	0.003
Oct 18 2021 11:25:00 AM	0.003	0.002	0.004	0.003
Oct 18 2021 11:26:00 AM	0.003	0.003	0.009	0.003
Oct 18 2021 11:27:00 AM	0.006	0.003	0.004	0.003
Oct 18 2021 11:28:00 AM	0.003	0.003	0.003	0.003
Oct 18 2021 11:29:00 AM	0.003	0.003	0.003	0.003
Oct 18 2021 11:30:00 AM	0.003	0.003	0.003	0.003
Oct 18 2021 11:31:00 AM	0.002	0.003	0.003	0.003
Oct 18 2021 11:32:00 AM	0.002	0.003	0.005	0.003
Oct 18 2021 11:33:00 AM	0.002	0.003	0.005	0.003
Oct 18 2021 11:34:00 AM	0.003	0.003	0.005	0.003
Oct 18 2021 11:35:00 AM	0.002	0.003	0.008	0.003
Oct 18 2021 11:36:00 AM	0.003	0.003	0.011	0.003
Oct 18 2021 11:37:00 AM	0.002	0.003	0.014	0.004
Oct 18 2021 11:38:00 AM	0.002	0.003	0.011	0.004
Oct 18 2021 11:39:00 AM	0.003	0.003	0.012	0.004
Oct 18 2021 11:40:00 AM	0.002	0.003	0.014	0.004
Oct 18 2021 11:41:00 AM	0.002	0.003	0.004	0.004
Oct 18 2021 11:42:00 AM	0.002	0.003	0.003	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 11:43:00 AM	0.002	0.003	0.003	0.004
Oct 18 2021 11:44:00 AM	0.002	0.003	0.009	0.004
Oct 18 2021 11:45:00 AM	0.002	0.003	0.031	0.004
Oct 18 2021 11:46:00 AM	0.002	0.003	0.019	0.004
Oct 18 2021 11:47:00 AM	0.002	0.003	0.004	0.004
Oct 18 2021 11:48:00 AM	0.002	0.003	0.003	0.004
Oct 18 2021 11:49:00 AM	0.002	0.003	0.008	0.004
Oct 18 2021 11:50:00 AM	0.002	0.003	0.006	0.004
Oct 18 2021 11:51:00 AM	0.002	0.003	0.006	0.004
Oct 18 2021 11:52:00 AM	0.003	0.003	0.026	0.004
Oct 18 2021 11:53:00 AM	0.004	0.003	0.023	0.004
Oct 18 2021 11:54:00 AM	0.003	0.003	0.016	0.004
Oct 18 2021 11:55:00 AM	0.002	0.003	0.004	0.004
Oct 18 2021 11:56:00 AM	0.002	0.003	0.008	0.004
Oct 18 2021 11:57:00 AM	0.002	0.003	0.011	0.004
Oct 18 2021 11:58:00 AM	0.002	0.003	0.003	0.004
Oct 18 2021 11:59:00 AM	0.003	0.003	0.012	0.004
Oct 18 2021 12:00:00 PM	0.002	0.003	0.009	0.004
Oct 18 2021 12:01:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:02:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:03:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:04:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:05:00 PM	0.003	0.003	0.003	0.004
Oct 18 2021 12:06:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:07:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:08:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:09:00 PM	0.003	0.003	0.003	0.004
Oct 18 2021 12:10:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:11:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:12:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:13:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:14:00 PM	0.002	0.003	0.012	0.004
Oct 18 2021 12:15:00 PM	0.002	0.003	0.005	0.004
Oct 18 2021 12:16:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:17:00 PM	0.002	0.003	0.034	0.004
Oct 18 2021 12:18:00 PM	0.006	0.003	0.051	0.004
Oct 18 2021 12:19:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:20:00 PM	0.002	0.003	0.007	0.004
Oct 18 2021 12:21:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:22:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:23:00 PM	0.002	0.003	0.004	0.004
Oct 18 2021 12:24:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:25:00 PM	0.003	0.003	0.003	0.004
Oct 18 2021 12:26:00 PM	0.006	0.003	0.004	0.004
Oct 18 2021 12:27:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:28:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:29:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:30:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:31:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:32:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:33:00 PM	0.002	0.003	0.003	0.004
Oct 18 2021 12:34:00 PM	0.002	0.003	0.003	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 12:35:00 PM	0.003	0.003	0.003	0.004
Oct 18 2021 12:36:00 PM	0.002	0.003		0.004
Oct 18 2021 12:37:00 PM	0.002	0.003		0.004
Oct 18 2021 12:38:00 PM	0.002	0.003		
Oct 18 2021 12:39:00 PM	0.003	0.003		
Oct 18 2021 12:40:00 PM	0.002	0.003		
Oct 18 2021 12:41:00 PM	0.002	0.003		
Oct 18 2021 12:42:00 PM	0.002	0.003		
Oct 18 2021 12:43:00 PM	0.002	0.003		
Oct 18 2021 12:44:00 PM	0.002	0.003		
Oct 18 2021 12:45:00 PM	0.002	0.003		
Oct 18 2021 12:46:00 PM	0.002	0.003		
Oct 18 2021 12:47:00 PM	0.002	0.003		
Oct 18 2021 12:48:00 PM	0.002	0.003		
Oct 18 2021 12:49:00 PM	0.002	0.003		
Oct 18 2021 12:50:00 PM	0.002	0.003		
Oct 18 2021 12:51:00 PM	0.002	0.003		
Oct 18 2021 12:52:00 PM	0.002	0.003		
Oct 18 2021 12:53:00 PM	0.003	0.003		
Oct 18 2021 12:54:00 PM	0.004	0.003		
Oct 18 2021 12:55:00 PM	0.002	0.003		
Oct 18 2021 12:56:00 PM	0.002	0.003		
Oct 18 2021 12:57:00 PM	0.003	0.003		
Oct 18 2021 12:58:00 PM	0.002	0.003		
Oct 18 2021 12:59:00 PM	0.002	0.003		
Oct 18 2021 1:00:00 PM	0.005	0.003		
Oct 18 2021 1:01:00 PM	0.004	0.003		
Oct 18 2021 1:02:00 PM	0.002	0.003		
Oct 18 2021 1:03:00 PM	0.002	0.003		
Oct 18 2021 1:04:00 PM	0.002	0.003		
Oct 18 2021 1:05:00 PM	0.002	0.003		
Oct 18 2021 1:06:00 PM	0.002	0.003		
Oct 18 2021 1:07:00 PM	0.002	0.003		
Oct 18 2021 1:08:00 PM	0.002	0.003		
Oct 18 2021 1:09:00 PM	0.002	0.003		
Oct 18 2021 1:10:00 PM	0.002	0.003		
Oct 18 2021 1:11:00 PM	0.002	0.003		
Oct 18 2021 1:12:00 PM	0.002	0.003		
Oct 18 2021 1:13:00 PM	0.002	0.003		
Oct 18 2021 1:14:00 PM	0.002	0.003		
Oct 18 2021 1:15:00 PM	0.002	0.003		
Oct 18 2021 1:16:00 PM	0.016	0.003		
Oct 18 2021 1:17:00 PM	0.002	0.003		
Oct 18 2021 1:18:00 PM	0.002	0.003		
Oct 18 2021 1:19:00 PM	0.002	0.003		
Oct 18 2021 1:20:00 PM	0.002	0.003		
Oct 18 2021 1:21:00 PM	0.002	0.003		
Oct 18 2021 1:22:00 PM	0.002	0.003		
Oct 18 2021 1:23:00 PM	0.002	0.003		
Oct 18 2021 1:24:00 PM	0.008	0.003		
Oct 18 2021 1:25:00 PM	0.004	0.003		
Oct 18 2021 1:26:00 PM	0.002	0.003		



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 1:27:00 PM	0.01	0.003		
Oct 18 2021 1:28:00 PM	0.002	0.003		
Oct 18 2021 1:29:00 PM	0.002	0.003		
Oct 18 2021 1:30:00 PM	0.002	0.003		
Oct 18 2021 1:31:00 PM	0.002	0.003		
Oct 18 2021 1:32:00 PM	0.002	0.003		
Oct 18 2021 1:33:00 PM	0.002	0.003		
Oct 18 2021 1:34:00 PM	0.002	0.003		
Oct 18 2021 1:35:00 PM	0.002	0.003		
Oct 18 2021 1:36:00 PM	0.003	0.003		
Oct 18 2021 1:37:00 PM	0.002	0.003		
Oct 18 2021 1:38:00 PM	0.002	0.003		
Oct 18 2021 1:39:00 PM	0.002	0.003		
Oct 18 2021 1:40:00 PM	0.002	0.003		
Oct 18 2021 1:41:00 PM	0.002	0.003		
Oct 18 2021 1:42:00 PM	0.002	0.003		
Oct 18 2021 1:43:00 PM	0.002	0.003		
Oct 18 2021 1:44:00 PM	0.002	0.003		
Oct 18 2021 1:45:00 PM	0.002	0.003		
Oct 18 2021 1:46:00 PM	0.002	0.003		
Oct 18 2021 1:47:00 PM	0.002	0.003		
Oct 18 2021 1:48:00 PM	0.003	0.003		
Oct 18 2021 1:49:00 PM	0.002	0.003		
Oct 18 2021 1:50:00 PM	0.002	0.003		
Oct 18 2021 1:51:00 PM	0.002	0.003		
Oct 18 2021 1:52:00 PM	0.002	0.003		
Oct 18 2021 1:53:00 PM	0.002	0.003		
Oct 18 2021 1:54:00 PM	0.002	0.003		
Oct 18 2021 1:55:00 PM	0.002	0.003		
Oct 18 2021 1:56:00 PM	0.002	0.003		
Oct 18 2021 1:57:00 PM	0.002	0.003		
Oct 18 2021 1:58:00 PM	0.002	0.003		
Oct 18 2021 1:59:00 PM	0.002	0.003		
Oct 18 2021 2:00:00 PM	0.002	0.003		
Oct 18 2021 2:01:00 PM	0.001	0.003		
Oct 18 2021 2:02:00 PM	0.001	0.003		
Oct 18 2021 2:03:00 PM	0.001	0.003		
Oct 18 2021 2:04:00 PM	0.001	0.003		
Oct 18 2021 2:05:00 PM	0.001	0.003		
Oct 18 2021 2:06:00 PM	0.001	0.003		
Oct 18 2021 2:07:00 PM	0.002	0.003		
Oct 18 2021 2:08:00 PM	0.001	0.003		
Oct 18 2021 2:09:00 PM	0.001	0.003		
Oct 18 2021 2:10:00 PM	0.002	0.003		
Oct 18 2021 2:11:00 PM	0.001	0.003		
Oct 18 2021 2:12:00 PM	0.002	0.003		
Oct 18 2021 2:13:00 PM	0.001	0.003		
Oct 18 2021 2:14:00 PM	0.001	0.003		
Oct 18 2021 2:15:00 PM	0.006	0.003		
Oct 18 2021 2:16:00 PM	0.002	0.003		
Oct 18 2021 2:17:00 PM	0.001	0.003		
Oct 18 2021 2:18:00 PM	0.001	0.003		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 18 2021 2:19:00 PM	0.002	0.003		
Oct 18 2021 2:20:00 PM	0.001	0.003		
Oct 18 2021 2:21:00 PM	0.001	0.003		
Oct 18 2021 2:22:00 PM	0.01	0.003		
Oct 18 2021 2:23:00 PM	0.001	0.003		
Oct 18 2021 2:24:00 PM	0.001	0.003		
Oct 18 2021 2:25:00 PM	0.001	0.003		
Oct 18 2021 2:26:00 PM	0.001	0.003		
Oct 18 2021 2:27:00 PM	0.001	0.003		
Oct 18 2021 2:28:00 PM	0.001	0.003		
Oct 18 2021 2:29:00 PM	0.001	0.003		
Oct 18 2021 2:30:00 PM	0.001	0.003		
Oct 18 2021 2:31:00 PM	0.001	0.003		
Oct 18 2021 2:32:00 PM	0.003	0.003		
Oct 18 2021 2:33:00 PM	0.001	0.003		
Oct 18 2021 2:34:00 PM	0.001	0.003		
Oct 18 2021 2:35:00 PM	0.001	0.003		
Oct 18 2021 2:36:00 PM	0.001	0.003		
Oct 18 2021 2:37:00 PM	0.001	0.003		
Oct 18 2021 2:38:00 PM	0.012	0.003		
Oct 18 2021 2:39:00 PM	0.001	0.003		
Oct 18 2021 2:40:00 PM	0.001	0.003		
Oct 18 2021 2:41:00 PM	0.001	0.003		
Oct 18 2021 2:42:00 PM	0.001	0.003		
Oct 18 2021 2:43:00 PM	0.001	0.003		
Oct 18 2021 2:44:00 PM	0.001	0.003		
Oct 18 2021 2:45:00 PM	0.001	0.003		
Oct 18 2021 2:46:00 PM	0.001	0.003		
Oct 18 2021 2:47:00 PM	0.001	0.003		
Oct 18 2021 2:48:00 PM	0.001	0.003		
Oct 18 2021 2:49:00 PM	0.001	0.003		
Oct 18 2021 2:50:00 PM	0.001	0.003		
Oct 18 2021 2:51:00 PM	0.001	0.003		
Oct 18 2021 2:52:00 PM	0.001	0.003		
Oct 18 2021 2:53:00 PM	0.001	0.003		
Oct 18 2021 2:54:00 PM	0.001	0.003		
Oct 18 2021 2:55:00 PM	0.002	0.003		
Oct 18 2021 2:56:00 PM	0.007	0.003		
Oct 18 2021 2:57:00 PM	0.002	0.003		
Oct 18 2021 2:58:00 PM	0.002	0.003		
Oct 18 2021 2:59:00 PM	0.001			
Oct 18 2021 3:00:00 PM	0.003			
Oct 18 2021 3:01:00 PM	0.005			
Oct 18 2021 3:02:00 PM	0.026			
Oct 18 2021 3:03:00 PM	0.011			
Oct 18 2021 3:04:00 PM	0.007			
Oct 18 2021 3:05:00 PM				
Oct 19 2021 7:03:00 AM				
Oct 19 2021 7:04:00 AM	0	0		
Oct 19 2021 7:05:00 AM	0	0	0	0
Oct 19 2021 7:06:00 AM	0	0	0	0
Oct 19 2021 7:07:00 AM	0	0	0.008	0

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 19 2021 7:08:00 AM	0	0	0.018	0
Oct 19 2021 7:09:00 AM	0	0	0.038	0
Oct 19 2021 7:10:00 AM	0	0	0.006	0
Oct 19 2021 7:11:00 AM	0	0	0.006	0
Oct 19 2021 7:12:00 AM	0	0	0.02	0
Oct 19 2021 7:13:00 AM	0	0	0.018	0
Oct 19 2021 7:14:00 AM	0	0	0.017	0
Oct 19 2021 7:15:00 AM	0	0	0.014	0
Oct 19 2021 7:16:00 AM	0	0	0.012	0
Oct 19 2021 7:17:00 AM	0	0	0.012	0
Oct 19 2021 7:18:00 AM	0	0	0.011	0
Oct 19 2021 7:19:00 AM	0	0	0.01	0
Oct 19 2021 7:20:00 AM	0	0	0.009	0
Oct 19 2021 7:21:00 AM	0	0	0.009	0
Oct 19 2021 7:22:00 AM	0	0	0.008	0
Oct 19 2021 7:23:00 AM	0	0	0.007	0
Oct 19 2021 7:24:00 AM	0	0	0.007	0
Oct 19 2021 7:25:00 AM	0	0	0.007	0
Oct 19 2021 7:26:00 AM	0	0	0.006	0
Oct 19 2021 7:27:00 AM	0	0	0.008	0
Oct 19 2021 7:28:00 AM	0	0	0.007	0.001
Oct 19 2021 7:29:00 AM	0	0	0.007	0.001
Oct 19 2021 7:30:00 AM	0	0	0.006	0.001
Oct 19 2021 7:31:00 AM	0	0	0.006	0.001
Oct 19 2021 7:32:00 AM	0	0	0.006	0.001
Oct 19 2021 7:33:00 AM	0	0	0.005	0.001
Oct 19 2021 7:34:00 AM	0	0	0.005	0.001
Oct 19 2021 7:35:00 AM	0	0	0.005	0.001
Oct 19 2021 7:36:00 AM	0	0	0.005	0.001
Oct 19 2021 7:37:00 AM	0	0	0.005	0.001
Oct 19 2021 7:38:00 AM	0	0	0.005	0.001
Oct 19 2021 7:39:00 AM	0	0	0.004	0.001
Oct 19 2021 7:40:00 AM	0	0	0.005	0.001
Oct 19 2021 7:41:00 AM	0	0	0.004	0.001
Oct 19 2021 7:42:00 AM	0	0	0.011	0.001
Oct 19 2021 7:43:00 AM	0	0	0.01	0.001
Oct 19 2021 7:44:00 AM	0	0	0.006	0.001
Oct 19 2021 7:45:00 AM	0	0	0.01	0.001
Oct 19 2021 7:46:00 AM	0	0	0.013	0.001
Oct 19 2021 7:47:00 AM	0	0	0.015	0.001
Oct 19 2021 7:48:00 AM	0	0	0.013	0.001
Oct 19 2021 7:49:00 AM	0	0	0.012	0.001
Oct 19 2021 7:50:00 AM	0	0	0.01	0.001
Oct 19 2021 7:51:00 AM	0	0	0.012	0.001
Oct 19 2021 7:52:00 AM	0	0	0.012	0.001
Oct 19 2021 7:53:00 AM	0	0	0.012	0.001
Oct 19 2021 7:54:00 AM	0	0	0.013	0.001
Oct 19 2021 7:55:00 AM	0	0	0.014	0.001
Oct 19 2021 7:56:00 AM	0	0	0.012	0.001
Oct 19 2021 7:57:00 AM	0	0	0.015	0.001
Oct 19 2021 7:58:00 AM	0	0	0.013	0.001
Oct 19 2021 7:59:00 AM	0	0	0.013	0.001

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End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 19 2021 8:00:00 AM	0	0	0.011	0.001
Oct 19 2021 8:01:00 AM	0	0	0.013	0.001
Oct 19 2021 8:02:00 AM	0	0	0.014	0.001
Oct 19 2021 8:03:00 AM	0	0	0.012	0.001
Oct 19 2021 8:04:00 AM	0	0	0.011	0.001
Oct 19 2021 8:05:00 AM	0	0	0.01	0.001
Oct 19 2021 8:06:00 AM	0	0	0.009	0.001
Oct 19 2021 8:07:00 AM	0	0	0.011	0.001
Oct 19 2021 8:08:00 AM	0	0	0.009	0.001
Oct 19 2021 8:09:00 AM	0	0	0.009	0.001
Oct 19 2021 8:10:00 AM	0	0	0.008	0.001
Oct 19 2021 8:11:00 AM	0	0	0.007	0.001
Oct 19 2021 8:12:00 AM	0	0	0.008	0.001
Oct 19 2021 8:13:00 AM	0	0	0.014	0.001
Oct 19 2021 8:14:00 AM	0	0	0.01	0.001
Oct 19 2021 8:15:00 AM	0	0	0.009	0.001
Oct 19 2021 8:16:00 AM	0	0	0.011	0.001
Oct 19 2021 8:17:00 AM	0	0	0.009	0.001
Oct 19 2021 8:18:00 AM	0	0	0.011	0.002
Oct 19 2021 8:19:00 AM	0	0	0.01	0.002
Oct 19 2021 8:20:00 AM	0	0	0.011	0.002
Oct 19 2021 8:21:00 AM	0	0	0.009	0.002
Oct 19 2021 8:22:00 AM	0	0	0.008	0.002
Oct 19 2021 8:23:00 AM	0	0	0.008	0.002
Oct 19 2021 8:24:00 AM	0	0	0.012	0.002
Oct 19 2021 8:25:00 AM	0	0	0.01	0.002
Oct 19 2021 8:26:00 AM	0	0	0.009	0.002
Oct 19 2021 8:27:00 AM	0	0	0.008	0.002
Oct 19 2021 8:28:00 AM	0	0	0.008	0.002
Oct 19 2021 8:29:00 AM	0	0	0.011	0.002
Oct 19 2021 8:30:00 AM	0	0	0.011	0.002
Oct 19 2021 8:31:00 AM	0	0	0.01	0.002
Oct 19 2021 8:32:00 AM	0	0	0.009	0.002
Oct 19 2021 8:33:00 AM	0	0	0.008	0.002
Oct 19 2021 8:34:00 AM	0	0	0.008	0.002
Oct 19 2021 8:35:00 AM	0	0	0.01	0.002
Oct 19 2021 8:36:00 AM	0	0	0.009	0.002
Oct 19 2021 8:37:00 AM	0	0	0.008	0.002
Oct 19 2021 8:38:00 AM	0	0	0.008	0.002
Oct 19 2021 8:39:00 AM	0	0	0.012	0.002
Oct 19 2021 8:40:00 AM	0	0	0.019	0.002
Oct 19 2021 8:41:00 AM	0	0	0.023	0.002
Oct 19 2021 8:42:00 AM	0	0	0.015	0.002
Oct 19 2021 8:43:00 AM	0	0	0.013	0.002
Oct 19 2021 8:44:00 AM	0	0	0.012	0.002
Oct 19 2021 8:45:00 AM	0	0	0.012	0.002
Oct 19 2021 8:46:00 AM	0	0	0.01	0.002
Oct 19 2021 8:47:00 AM	0	0	0.009	0.002
Oct 19 2021 8:48:00 AM	0	0	0.008	0.002
Oct 19 2021 8:49:00 AM	0	0	0.007	0.002
Oct 19 2021 8:50:00 AM	0	0	0.006	0.002
Oct 19 2021 8:51:00 AM	0	0	0.006	0.002

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 19 2021 8:52:00 AM	0	0	0.006	0.002
Oct 19 2021 8:53:00 AM	0	0	0.007	0.002
Oct 19 2021 8:54:00 AM	0	0	0.007	0.002
Oct 19 2021 8:55:00 AM	0	0	0.006	0.002
Oct 19 2021 8:56:00 AM	0	0	0.006	0.002
Oct 19 2021 8:57:00 AM	0	0	0.006	0.002
Oct 19 2021 8:58:00 AM	0	0	0.006	0.002
Oct 19 2021 8:59:00 AM	0	0	0.005	0.002
Oct 19 2021 9:00:00 AM	0	0	0.005	0.002
Oct 19 2021 9:01:00 AM	0	0	0.005	0.002
Oct 19 2021 9:02:00 AM	0	0	0.005	0.002
Oct 19 2021 9:03:00 AM	0	0	0.004	0.002
Oct 19 2021 9:04:00 AM	0	0	0.006	0.002
Oct 19 2021 9:05:00 AM	0	0	0.006	0.002
Oct 19 2021 9:06:00 AM	0	0	0.006	0.002
Oct 19 2021 9:07:00 AM	0	0	0.006	0.002
Oct 19 2021 9:08:00 AM	0	0	0.007	0.002
Oct 19 2021 9:09:00 AM	0	0	0.008	0.002
Oct 19 2021 9:10:00 AM	0	0	0.007	0.002
Oct 19 2021 9:11:00 AM	0	0	0.007	0.002
Oct 19 2021 9:12:00 AM	0	0	0.028	0.002
Oct 19 2021 9:13:00 AM	0	0	0.005	0.003
Oct 19 2021 9:14:00 AM	0	0	0.006	0.003
Oct 19 2021 9:15:00 AM	0	0	0.012	0.003
Oct 19 2021 9:16:00 AM	0	0	0.054	0.003
Oct 19 2021 9:17:00 AM	0	0	0.01	0.003
Oct 19 2021 9:18:00 AM	0	0	0.006	0.003
Oct 19 2021 9:19:00 AM	0	0	0.005	0.003
Oct 19 2021 9:20:00 AM	0	0	0.005	0.003
Oct 19 2021 9:21:00 AM	0	0	0.021	0.003
Oct 19 2021 9:22:00 AM	0	0	0.008	0.003
Oct 19 2021 9:23:00 AM	0	0	0.007	0.003
Oct 19 2021 9:24:00 AM	0	0	0.004	0.003
Oct 19 2021 9:25:00 AM	0	0	0.003	0.003
Oct 19 2021 9:26:00 AM	0	0	0.003	0.003
Oct 19 2021 9:27:00 AM	0	0	0.003	0.003
Oct 19 2021 9:28:00 AM	0	0	0.003	0.003
Oct 19 2021 9:29:00 AM	0	0	0.003	0.003
Oct 19 2021 9:30:00 AM	0	0	0.003	0.003
Oct 19 2021 9:31:00 AM	0	0	0.003	0.003
Oct 19 2021 9:32:00 AM	0	0	0.003	0.003
Oct 19 2021 9:33:00 AM	0	0	0.003	0.003
Oct 19 2021 9:34:00 AM	0	0	0.004	0.003
Oct 19 2021 9:35:00 AM	0	0	0.007	0.003
Oct 19 2021 9:36:00 AM	0	0	0.004	0.003
Oct 19 2021 9:37:00 AM	0	0	0.008	0.003
Oct 19 2021 9:38:00 AM	0	0	0.006	0.003
Oct 19 2021 9:39:00 AM	0	0	0.003	0.003
Oct 19 2021 9:40:00 AM	0.002	0	0.003	0.003
Oct 19 2021 9:41:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:42:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:43:00 AM	0.003	0	0.003	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 9:44:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:45:00 AM	0.005	0	0.003	0.003
Oct 19 2021 9:46:00 AM	0.005	0	0.003	0.003
Oct 19 2021 9:47:00 AM	0.005	0	0.003	0.003
Oct 19 2021 9:48:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:49:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:50:00 AM	0.018	0	0.003	0.003
Oct 19 2021 9:51:00 AM	0.009	0	0.003	0.003
Oct 19 2021 9:52:00 AM	0.007	0	0.003	0.003
Oct 19 2021 9:53:00 AM	0.005	0	0.003	0.003
Oct 19 2021 9:54:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:55:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:56:00 AM	0.009	0	0.003	0.003
Oct 19 2021 9:57:00 AM	0.005	0	0.003	0.003
Oct 19 2021 9:58:00 AM	0.003	0	0.003	0.003
Oct 19 2021 9:59:00 AM	0.005	0	0.003	0.003
Oct 19 2021 10:00:00 AM	0.014	0	0.003	0.003
Oct 19 2021 10:01:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:02:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:03:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:04:00 AM	0.003	0	0.003	0.003
Oct 19 2021 10:05:00 AM	0.003	0	0.003	0.003
Oct 19 2021 10:06:00 AM	0.003	0	0.003	0.003
Oct 19 2021 10:07:00 AM	0.003	0	0.004	0.003
Oct 19 2021 10:08:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:09:00 AM	0.006	0	0.003	0.003
Oct 19 2021 10:10:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:11:00 AM	0.003	0	0.003	0.003
Oct 19 2021 10:12:00 AM	0.003	0	0.003	0.003
Oct 19 2021 10:13:00 AM	0.012	0	0.003	0.003
Oct 19 2021 10:14:00 AM	0.009	0	0.003	0.003
Oct 19 2021 10:15:00 AM	0.005	0	0.003	0.003
Oct 19 2021 10:16:00 AM	0.004	0	0.003	0.003
Oct 19 2021 10:17:00 AM	0.006	0	0.003	0.003
Oct 19 2021 10:18:00 AM	0.012	0	0.003	0.003
Oct 19 2021 10:19:00 AM	0.019	0	0.004	0.003
Oct 19 2021 10:20:00 AM	0.009	0	0.004	0.003
Oct 19 2021 10:21:00 AM	0.019	0.001	0.003	0.003
Oct 19 2021 10:22:00 AM	0.013	0.001	0.003	0.003
Oct 19 2021 10:23:00 AM	0.052	0.001	0.004	0.003
Oct 19 2021 10:24:00 AM	0.051	0.001	0.003	0.003
Oct 19 2021 10:25:00 AM	0.026	0.001	0.003	0.003
Oct 19 2021 10:26:00 AM	0.021	0.001	0.003	0.003
Oct 19 2021 10:27:00 AM	0.015	0.001	0.004	0.003
Oct 19 2021 10:28:00 AM	0.022	0.001	0.004	0.003
Oct 19 2021 10:29:00 AM	0.017	0.001	0.003	0.003
Oct 19 2021 10:30:00 AM	0.027	0.001	0.003	0.003
Oct 19 2021 10:31:00 AM	0.009	0.001	0.003	0.003
Oct 19 2021 10:32:00 AM	0.014	0.001	0.004	0.003
Oct 19 2021 10:33:00 AM	0.008	0.001	0.003	0.003
Oct 19 2021 10:34:00 AM	0.007	0.001	0.004	0.003
Oct 19 2021 10:35:00 AM	0.007	0.001	0.003	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 10:36:00 AM	0.007	0.001	0.003	0.003
Oct 19 2021 10:37:00 AM	0.025	0.001	0.005	0.003
Oct 19 2021 10:38:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:39:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:40:00 AM	0.009	0.001	0.003	0.003
Oct 19 2021 10:41:00 AM	0.009	0.001	0.003	0.003
Oct 19 2021 10:42:00 AM	0.011	0.001	0.003	0.003
Oct 19 2021 10:43:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:44:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:45:00 AM	0.012	0.001	0.004	0.003
Oct 19 2021 10:46:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:47:00 AM	0.008	0.001	0.004	0.003
Oct 19 2021 10:48:00 AM	0.005	0.001	0.003	0.003
Oct 19 2021 10:49:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:50:00 AM	0.005	0.001	0.004	0.003
Oct 19 2021 10:51:00 AM	0.005	0.001	0.005	0.003
Oct 19 2021 10:52:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:53:00 AM	0.005	0.001	0.004	0.003
Oct 19 2021 10:54:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:55:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:56:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:57:00 AM	0.004	0.001	0.003	0.003
Oct 19 2021 10:58:00 AM	0.003	0.001	0.003	0.003
Oct 19 2021 10:59:00 AM	0.004	0.001	0.004	0.003
Oct 19 2021 11:00:00 AM	0.005	0.001	0.003	0.004
Oct 19 2021 11:01:00 AM	0.007	0.001	0.003	0.004
Oct 19 2021 11:02:00 AM	0.004	0.001	0.003	0.004
Oct 19 2021 11:03:00 AM	0.004	0.002	0.003	0.004
Oct 19 2021 11:04:00 AM	0.005	0.002	0.003	0.004
Oct 19 2021 11:05:00 AM	0.003	0.002	0.003	0.004
Oct 19 2021 11:06:00 AM	0.003	0.002	0.003	0.004
Oct 19 2021 11:07:00 AM	0.003	0.002	0.003	0.004
Oct 19 2021 11:08:00 AM	0.003	0.002	0.003	0.004
Oct 19 2021 11:09:00 AM	0.006	0.002	0.003	0.004
Oct 19 2021 11:10:00 AM	0.006	0.002	0.004	0.004
Oct 19 2021 11:11:00 AM	0.005	0.002	0.004	0.004
Oct 19 2021 11:12:00 AM	0.015	0.002	0.007	0.004
Oct 19 2021 11:13:00 AM	0.007	0.002	0.003	0.004
Oct 19 2021 11:14:00 AM	0.006	0.002	0.004	0.004
Oct 19 2021 11:15:00 AM	0.005	0.002	0.004	0.004
Oct 19 2021 11:16:00 AM	0.011	0.002	0.004	0.004
Oct 19 2021 11:17:00 AM	0.005	0.002	0.004	0.004
Oct 19 2021 11:18:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:19:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:20:00 AM	0.005	0.002	0.003	0.004
Oct 19 2021 11:21:00 AM	0.004	0.002	0.004	0.004
Oct 19 2021 11:22:00 AM	0.004	0.002	0.004	0.004
Oct 19 2021 11:23:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:24:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:25:00 AM	0.003	0.002	0.003	0.004
Oct 19 2021 11:26:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:27:00 AM	0.003	0.002	0.003	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 11:28:00 AM	0.004	0.002	0.004	0.004
Oct 19 2021 11:29:00 AM	0.005	0.002	0.005	0.004
Oct 19 2021 11:30:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:31:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:32:00 AM	0.02	0.002	0.004	0.004
Oct 19 2021 11:33:00 AM	0.005	0.002	0.004	0.004
Oct 19 2021 11:34:00 AM	0.004	0.002	0.004	0.004
Oct 19 2021 11:35:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:36:00 AM	0.004	0.002	0.004	0.004
Oct 19 2021 11:37:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:38:00 AM	0.006	0.002	0.004	0.004
Oct 19 2021 11:39:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:40:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:41:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:42:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:43:00 AM	0.005	0.002	0.004	0.004
Oct 19 2021 11:44:00 AM	0.007	0.002	0.004	0.004
Oct 19 2021 11:45:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:46:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:47:00 AM	0.002	0.002	0.004	0.004
Oct 19 2021 11:48:00 AM	0.002	0.002	0.003	0.004
Oct 19 2021 11:49:00 AM	0.002	0.002	0.004	0.004
Oct 19 2021 11:50:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:51:00 AM	0.002	0.002	0.004	0.004
Oct 19 2021 11:52:00 AM	0.003	0.002	0.004	0.004
Oct 19 2021 11:53:00 AM	0.027	0.002	0.004	0.004
Oct 19 2021 11:54:00 AM	0.085	0.002	0.004	0.004
Oct 19 2021 11:55:00 AM	0.074	0.002	0.004	0.004
Oct 19 2021 11:56:00 AM	0.091	0.002	0.004	0.004
Oct 19 2021 11:57:00 AM	0.036	0.003	0.004	0.004
Oct 19 2021 11:58:00 AM	0.024	0.003	0.003	0.004
Oct 19 2021 11:59:00 AM	0.031	0.003	0.004	0.004
Oct 19 2021 12:00:00 PM	0.012	0.003	0.003	0.004
Oct 19 2021 12:01:00 PM	0.006	0.003	0.003	0.004
Oct 19 2021 12:02:00 PM	0.004	0.003	0.004	0.004
Oct 19 2021 12:03:00 PM	0.002	0.003	0.004	0.004
Oct 19 2021 12:04:00 PM	0.002	0.003	0.004	0.004
Oct 19 2021 12:05:00 PM	0.004	0.003	0.003	0.004
Oct 19 2021 12:06:00 PM	0.004	0.003	0.007	0.004
Oct 19 2021 12:07:00 PM	0.003	0.003	0.003	0.004
Oct 19 2021 12:08:00 PM	0.005	0.003	0.003	0.004
Oct 19 2021 12:09:00 PM	0.013	0.003	0.004	0.004
Oct 19 2021 12:10:00 PM	0.005	0.003	0.004	0.004
Oct 19 2021 12:11:00 PM	0.004	0.003	0.004	0.004
Oct 19 2021 12:12:00 PM	0.003	0.003	0.004	0.004
Oct 19 2021 12:13:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:14:00 PM	0.005	0.003	0.004	0.004
Oct 19 2021 12:15:00 PM	0.003	0.003	0.003	0.004
Oct 19 2021 12:16:00 PM	0.002	0.003	0.004	0.004
Oct 19 2021 12:17:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:18:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:19:00 PM	0.003	0.003	0.003	0.004



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 12:20:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:21:00 PM	0.004	0.003	0.004	0.004
Oct 19 2021 12:22:00 PM	0.004	0.003	0.004	0.004
Oct 19 2021 12:23:00 PM	0.003	0.003	0.003	0.004
Oct 19 2021 12:24:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:25:00 PM	0.003	0.003	0.006	0.004
Oct 19 2021 12:26:00 PM	0.003	0.003	0.005	0.004
Oct 19 2021 12:27:00 PM	0.003	0.003	0.003	0.004
Oct 19 2021 12:28:00 PM	0.037	0.003	0.004	0.004
Oct 19 2021 12:29:00 PM	0.015	0.003	0.01	0.004
Oct 19 2021 12:30:00 PM	0.011	0.003	0.004	0.004
Oct 19 2021 12:31:00 PM	0.005	0.003	0.004	0.004
Oct 19 2021 12:32:00 PM	0.003	0.003	0.004	0.004
Oct 19 2021 12:33:00 PM	0.003	0.003	0.004	0.004
Oct 19 2021 12:34:00 PM	0.004	0.003	0.004	0.004
Oct 19 2021 12:35:00 PM	0.002	0.003	0.004	0.004
Oct 19 2021 12:36:00 PM	0.005	0.003	0.004	0.004
Oct 19 2021 12:37:00 PM	0.003	0.003	0.004	0.004
Oct 19 2021 12:38:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:39:00 PM	0.002	0.003	0.004	0.004
Oct 19 2021 12:40:00 PM	0.002	0.003	0.003	0.004
Oct 19 2021 12:41:00 PM	0.006	0.003	0.004	
Oct 19 2021 12:42:00 PM	0.014	0.003	0.004	
Oct 19 2021 12:43:00 PM	0.007	0.003	0.004	
Oct 19 2021 12:44:00 PM	0.004	0.003	0.004	
Oct 19 2021 12:45:00 PM	0.004	0.003	0.004	
Oct 19 2021 12:46:00 PM	0.003	0.003	0.004	
Oct 19 2021 12:47:00 PM	0.002	0.003	0.004	
Oct 19 2021 12:48:00 PM	0.002	0.003	0.004	
Oct 19 2021 12:49:00 PM	0.01	0.003	0.004	
Oct 19 2021 12:50:00 PM	0.005	0.003		
Oct 19 2021 12:51:00 PM	0.004	0.003		
Oct 19 2021 12:52:00 PM	0.059	0.003		
Oct 19 2021 12:53:00 PM	0.017	0.003		
Oct 19 2021 12:54:00 PM	0.002	0.003		
Oct 19 2021 12:55:00 PM	0.007	0.003		
Oct 19 2021 12:56:00 PM	0.004	0.004		
Oct 19 2021 12:57:00 PM	0.002	0.004		
Oct 19 2021 12:58:00 PM	0.007	0.004		
Oct 19 2021 12:59:00 PM	0.002	0.004		
Oct 19 2021 1:00:00 PM	0.005	0.004		
Oct 19 2021 1:01:00 PM	0.002	0.004		
Oct 19 2021 1:02:00 PM	0.001	0.004		
Oct 19 2021 1:03:00 PM	0.002	0.004		
Oct 19 2021 1:04:00 PM	0.001	0.004		
Oct 19 2021 1:05:00 PM	0.002	0.004		
Oct 19 2021 1:06:00 PM	0.002	0.004		
Oct 19 2021 1:07:00 PM	0.004	0.004		
Oct 19 2021 1:08:00 PM	0.003	0.004		
Oct 19 2021 1:09:00 PM	0.003	0.004		
Oct 19 2021 1:10:00 PM	0.002	0.004		
Oct 19 2021 1:11:00 PM	0.003	0.004		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 1:12:00 PM	0.013	0.004		
Oct 19 2021 1:13:00 PM	0.001	0.004		
Oct 19 2021 1:14:00 PM	0.001	0.004		
Oct 19 2021 1:15:00 PM	0.004	0.004		
Oct 19 2021 1:16:00 PM	0.001	0.004		
Oct 19 2021 1:17:00 PM	0.001	0.004		
Oct 19 2021 1:18:00 PM	0.032	0.004		
Oct 19 2021 1:19:00 PM	0.006	0.004		
Oct 19 2021 1:20:00 PM	0.006	0.004		
Oct 19 2021 1:21:00 PM	0.002	0.004		
Oct 19 2021 1:22:00 PM	0.044	0.004		
Oct 19 2021 1:23:00 PM	0.011	0.004		
Oct 19 2021 1:24:00 PM	0.035	0.004		
Oct 19 2021 1:25:00 PM	0.01	0.004		
Oct 19 2021 1:26:00 PM	0.005	0.004		
Oct 19 2021 1:27:00 PM	0.003	0.004		
Oct 19 2021 1:28:00 PM	0.003	0.004		
Oct 19 2021 1:29:00 PM	0.002	0.004		
Oct 19 2021 1:30:00 PM	0.003	0.004		
Oct 19 2021 1:31:00 PM	0.005	0.004		
Oct 19 2021 1:32:00 PM	0.003	0.004		
Oct 19 2021 1:33:00 PM	0.002	0.004		
Oct 19 2021 1:34:00 PM	0.001	0.004		
Oct 19 2021 1:35:00 PM	0.001	0.004		
Oct 19 2021 1:36:00 PM	0.001	0.004		
Oct 19 2021 1:37:00 PM	0.004	0.004		
Oct 19 2021 1:38:00 PM	0.024	0.004		
Oct 19 2021 1:39:00 PM	0.011	0.004		
Oct 19 2021 1:40:00 PM	0.003	0.004		
Oct 19 2021 1:41:00 PM	0.001	0.004		
Oct 19 2021 1:42:00 PM	0.002	0.004		
Oct 19 2021 1:43:00 PM	0.002	0.004		
Oct 19 2021 1:44:00 PM	0.002	0.004		
Oct 19 2021 1:45:00 PM	0.001	0.004		
Oct 19 2021 1:46:00 PM	0	0.004		
Oct 19 2021 1:47:00 PM	0.001	0.004		
Oct 19 2021 1:48:00 PM	0.002	0.004		
Oct 19 2021 1:49:00 PM	0.001	0.004		
Oct 19 2021 1:50:00 PM	0	0.004		
Oct 19 2021 1:51:00 PM	0.004	0.004		
Oct 19 2021 1:52:00 PM	0.006	0.004		
Oct 19 2021 1:53:00 PM	0.002	0.004		
Oct 19 2021 1:54:00 PM	0.001	0.004		
Oct 19 2021 1:55:00 PM	0.002	0.004		
Oct 19 2021 1:56:00 PM	0.002	0.004		
Oct 19 2021 1:57:00 PM	0.001	0.004		
Oct 19 2021 1:58:00 PM	0.002	0.004		
Oct 19 2021 1:59:00 PM	0.004	0.004		
Oct 19 2021 2:00:00 PM	0.012	0.004		
Oct 19 2021 2:01:00 PM	0.002	0.004		
Oct 19 2021 2:02:00 PM	0.002	0.004		
Oct 19 2021 2:03:00 PM	0.001	0.004		

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 19 2021 2:04:00 PM	0.001	0.004		
Oct 19 2021 2:05:00 PM	0.003	0.004		
Oct 19 2021 2:06:00 PM	0.002	0.004		
Oct 19 2021 2:07:00 PM	0.007	0.004		
Oct 19 2021 2:08:00 PM	0.002	0.004		
Oct 19 2021 2:09:00 PM	0.018	0.004		
Oct 19 2021 2:10:00 PM	0.005	0.004		
Oct 19 2021 2:11:00 PM	0.007	0.004		
Oct 19 2021 2:12:00 PM	0.002	0.004		
Oct 19 2021 2:13:00 PM	0.002	0.004		
Oct 19 2021 2:14:00 PM	0.001	0.004		
Oct 19 2021 2:15:00 PM	0.002	0.004		
Oct 19 2021 2:16:00 PM	0.001	0.004		
Oct 19 2021 2:17:00 PM	0.003	0.004		
Oct 19 2021 2:18:00 PM	0.005	0.004		
Oct 19 2021 2:19:00 PM	0.001	0.004		
Oct 19 2021 2:20:00 PM	0	0.004		
Oct 19 2021 2:21:00 PM	0.001	0.004		
Oct 19 2021 2:22:00 PM	0.006	0.004		
Oct 19 2021 2:23:00 PM	0.001	0.004		
Oct 19 2021 2:24:00 PM	0.002	0.004		
Oct 19 2021 2:25:00 PM	0	0.004		
Oct 19 2021 2:26:00 PM	0.001	0.004		
Oct 19 2021 2:27:00 PM	0.002	0.004		
Oct 19 2021 2:28:00 PM	0.002	0.004		
Oct 19 2021 2:29:00 PM	0.001	0.004		
Oct 19 2021 2:30:00 PM	0.002	0.004		
Oct 19 2021 2:31:00 PM	0.001	0.004		
Oct 19 2021 2:32:00 PM	0.013	0.004		
Oct 19 2021 2:33:00 PM	0.004	0.004		
Oct 19 2021 2:34:00 PM	0.003	0.004		
Oct 19 2021 2:35:00 PM	0.007	0.004		
Oct 19 2021 2:36:00 PM	0.005	0.004		
Oct 19 2021 2:37:00 PM	0.009	0.004		
Oct 19 2021 2:38:00 PM	0.044	0.004		
Oct 19 2021 2:39:00 PM	0.008	0.005		
Oct 19 2021 2:40:00 PM	0.005	0.005		
Oct 19 2021 2:41:00 PM	0.005	0.005		
Oct 19 2021 2:42:00 PM	0.003	0.005		
Oct 19 2021 2:43:00 PM	0.002	0.005		
Oct 19 2021 2:44:00 PM	0.001	0.005		
Oct 19 2021 2:45:00 PM	0.001	0.005		
Oct 19 2021 2:46:00 PM	0.005	0.005		
Oct 19 2021 2:47:00 PM	0.015	0.005		
Oct 19 2021 2:48:00 PM	0.003	0.005		
Oct 19 2021 2:49:00 PM	0.007	0.005		
Oct 19 2021 2:50:00 PM	0.009			
Oct 19 2021 2:51:00 PM				
Oct 20 2021 7:06:00 AM				
Oct 20 2021 7:07:00 AM	0.013	0		
Oct 20 2021 7:08:00 AM	0.012	0		
Oct 20 2021 7:09:00 AM	0.011	0	0.013	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 7:10:00 AM	0.02	0	0.019	0
Oct 20 2021 7:11:00 AM	0.028	0	0.024	0
Oct 20 2021 7:12:00 AM	0.019	0	0.018	0
Oct 20 2021 7:13:00 AM	0.01	0	0.011	0
Oct 20 2021 7:14:00 AM	0.009	0	0.015	0
Oct 20 2021 7:15:00 AM	0.009	0	0.009	0
Oct 20 2021 7:16:00 AM	0.013	0	0.009	0
Oct 20 2021 7:17:00 AM	0.014	0	0.009	0
Oct 20 2021 7:18:00 AM	0.011	0	0.008	0
Oct 20 2021 7:19:00 AM	0.011	0	0.008	0
Oct 20 2021 7:20:00 AM	0.009	0	0.008	0
Oct 20 2021 7:21:00 AM	0.008	0	0.008	0
Oct 20 2021 7:22:00 AM	0.012	0	0.009	0
Oct 20 2021 7:23:00 AM	0.009	0	0.008	0
Oct 20 2021 7:24:00 AM	0.027	0	0.008	0
Oct 20 2021 7:25:00 AM	0.03	0.001	0.008	0
Oct 20 2021 7:26:00 AM	0.016	0.001	0.009	0
Oct 20 2021 7:27:00 AM	0.023	0.001	0.009	0
Oct 20 2021 7:28:00 AM	0.021	0.001	0.009	0
Oct 20 2021 7:29:00 AM	0.032	0.001	0.008	0
Oct 20 2021 7:30:00 AM	0.03	0.001	0.008	0
Oct 20 2021 7:31:00 AM	0.014	0.001	0.009	0
Oct 20 2021 7:32:00 AM	0.021	0.001	0.01	0.001
Oct 20 2021 7:33:00 AM	0.012	0.001	0.009	0.001
Oct 20 2021 7:34:00 AM	0.014	0.001	0.009	0.001
Oct 20 2021 7:35:00 AM	0.013	0.001	0.01	0.001
Oct 20 2021 7:36:00 AM	0.012	0.001	0.01	0.001
Oct 20 2021 7:37:00 AM	0.012	0.001	0.009	0.001
Oct 20 2021 7:38:00 AM	0.012	0.001	0.024	0.001
Oct 20 2021 7:39:00 AM	0.01	0.001	0.024	0.001
Oct 20 2021 7:40:00 AM	0.01	0.001	0.009	0.001
Oct 20 2021 7:41:00 AM	0.009	0.001	0.009	0.001
Oct 20 2021 7:42:00 AM	0.01	0.001	0.008	0.001
Oct 20 2021 7:43:00 AM	0.011	0.001	0.009	0.001
Oct 20 2021 7:44:00 AM	0.011	0.001	0.009	0.001
Oct 20 2021 7:45:00 AM	0.009	0.001	0.009	0.001
Oct 20 2021 7:46:00 AM	0.01	0.001	0.009	0.001
Oct 20 2021 7:47:00 AM	0.02	0.001	0.009	0.001
Oct 20 2021 7:48:00 AM	0.009	0.001	0.009	0.001
Oct 20 2021 7:49:00 AM	0.01	0.001	0.014	0.001
Oct 20 2021 7:50:00 AM	0.009	0.001	0.009	0.001
Oct 20 2021 7:51:00 AM	0.022	0.001	0.009	0.001
Oct 20 2021 7:52:00 AM	0.021	0.001	0.009	0.001
Oct 20 2021 7:53:00 AM	0.019	0.001	0.009	0.001
Oct 20 2021 7:54:00 AM	0.016	0.001	0.009	0.001
Oct 20 2021 7:55:00 AM	0.011	0.001	0.01	0.001
Oct 20 2021 7:56:00 AM	0.017	0.001	0.009	0.001
Oct 20 2021 7:57:00 AM	0.017	0.002	0.01	0.001
Oct 20 2021 7:58:00 AM	0.023	0.002	0.01	0.001
Oct 20 2021 7:59:00 AM	0.018	0.002	0.009	0.001
Oct 20 2021 8:00:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:01:00 AM	0.009	0.002	0.009	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 8:02:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:03:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:04:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:05:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:06:00 AM	0.009	0.002	0.01	0.001
Oct 20 2021 8:07:00 AM	0.009	0.002	0.01	0.001
Oct 20 2021 8:08:00 AM	0.01	0.002	0.009	0.001
Oct 20 2021 8:09:00 AM	0.014	0.002	0.012	0.001
Oct 20 2021 8:10:00 AM	0.011	0.002	0.009	0.001
Oct 20 2021 8:11:00 AM	0.009	0.002	0.009	0.001
Oct 20 2021 8:12:00 AM	0.011	0.002	0.009	0.001
Oct 20 2021 8:13:00 AM	0.013	0.002	0.01	0.001
Oct 20 2021 8:14:00 AM	0.01	0.002	0.009	0.001
Oct 20 2021 8:15:00 AM	0.011	0.002	0.009	0.001
Oct 20 2021 8:16:00 AM	0.013	0.002	0.01	0.001
Oct 20 2021 8:17:00 AM	0.01	0.002	0.01	0.001
Oct 20 2021 8:18:00 AM	0.016	0.002	0.023	0.001
Oct 20 2021 8:19:00 AM	0.01	0.002	0.009	0.002
Oct 20 2021 8:20:00 AM	0.009	0.002	0.013	0.002
Oct 20 2021 8:21:00 AM	0.01	0.002	0.011	0.002
Oct 20 2021 8:22:00 AM	0.011	0.002	0.01	0.002
Oct 20 2021 8:23:00 AM	0.012	0.002	0.01	0.002
Oct 20 2021 8:24:00 AM	0.011	0.002	0.009	0.002
Oct 20 2021 8:25:00 AM	0.011	0.002	0.017	0.002
Oct 20 2021 8:26:00 AM	0.013	0.002	0.067	0.002
Oct 20 2021 8:27:00 AM	0.011	0.002	0.01	0.002
Oct 20 2021 8:28:00 AM	0.013	0.002	0.01	0.002
Oct 20 2021 8:29:00 AM	0.01	0.002	0.011	0.002
Oct 20 2021 8:30:00 AM	0.01	0.002	0.01	0.002
Oct 20 2021 8:31:00 AM	0.01	0.002	0.01	0.002
Oct 20 2021 8:32:00 AM	0.01	0.002	0.01	0.002
Oct 20 2021 8:33:00 AM	0.012	0.002	0.01	0.002
Oct 20 2021 8:34:00 AM	0.011	0.002	0.01	0.002
Oct 20 2021 8:35:00 AM	0.01	0.002	0.01	0.002
Oct 20 2021 8:36:00 AM	0.012	0.002	0.011	0.002
Oct 20 2021 8:37:00 AM	0.01	0.003	0.011	0.002
Oct 20 2021 8:38:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:39:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:40:00 AM	0.011	0.003	0.01	0.002
Oct 20 2021 8:41:00 AM	0.014	0.003	0.01	0.002
Oct 20 2021 8:42:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:43:00 AM	0.011	0.003	0.01	0.002
Oct 20 2021 8:44:00 AM	0.019	0.003	0.012	0.002
Oct 20 2021 8:45:00 AM	0.011	0.003	0.01	0.002
Oct 20 2021 8:46:00 AM	0.011	0.003	0.018	0.002
Oct 20 2021 8:47:00 AM	0.014	0.003	0.034	0.002
Oct 20 2021 8:48:00 AM	0.011	0.003	0.01	0.002
Oct 20 2021 8:49:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:50:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:51:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:52:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:53:00 AM	0.01	0.003	0.01	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 8:54:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:55:00 AM	0.01	0.003	0.01	0.002
Oct 20 2021 8:56:00 AM	0.012	0.003	0.056	0.003
Oct 20 2021 8:57:00 AM	0.016	0.003	0.012	0.003
Oct 20 2021 8:58:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 8:59:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:00:00 AM	0.01	0.003	0.011	0.003
Oct 20 2021 9:01:00 AM	0.01	0.003	0.011	0.003
Oct 20 2021 9:02:00 AM	0.009	0.003	0.011	0.003
Oct 20 2021 9:03:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:04:00 AM	0.01	0.003	0.017	0.003
Oct 20 2021 9:05:00 AM	0.017	0.003	0.037	0.003
Oct 20 2021 9:06:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:07:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:08:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:09:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:10:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:11:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:12:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:13:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:14:00 AM	0.009	0.003	0.011	0.003
Oct 20 2021 9:15:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:16:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:17:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:18:00 AM	0.011	0.003	0.01	0.003
Oct 20 2021 9:19:00 AM	0.009	0.003	0.01	0.003
Oct 20 2021 9:20:00 AM	0.01	0.003	0.01	0.003
Oct 20 2021 9:21:00 AM	0.01	0.003	0.011	0.003
Oct 20 2021 9:22:00 AM	0.01	0.004	0.011	0.003
Oct 20 2021 9:23:00 AM	0.01	0.004	0.01	0.003
Oct 20 2021 9:24:00 AM	0.014	0.004	0.01	0.003
Oct 20 2021 9:25:00 AM	0.011	0.004	0.01	0.003
Oct 20 2021 9:26:00 AM	0.016	0.004	0.01	0.003
Oct 20 2021 9:27:00 AM	0.015	0.004	0.01	0.003
Oct 20 2021 9:28:00 AM	0.01	0.004	0.01	0.003
Oct 20 2021 9:29:00 AM	0.011	0.004	0.011	0.003
Oct 20 2021 9:30:00 AM	0.062	0.004	0.01	0.003
Oct 20 2021 9:31:00 AM	0.01	0.004	0.01	0.003
Oct 20 2021 9:32:00 AM	0.01	0.004	0.01	0.003
Oct 20 2021 9:33:00 AM	0.012	0.004	0.011	0.003
Oct 20 2021 9:34:00 AM	0.017	0.004	0.01	0.004
Oct 20 2021 9:35:00 AM	0.013	0.004	0.011	0.004
Oct 20 2021 9:36:00 AM	0.016	0.004	0.01	0.004
Oct 20 2021 9:37:00 AM	0.011	0.004	0.01	0.004
Oct 20 2021 9:38:00 AM	0.014	0.004	0.011	0.004
Oct 20 2021 9:39:00 AM	0.012	0.004	0.011	0.004
Oct 20 2021 9:40:00 AM	0.011	0.004	0.01	0.004
Oct 20 2021 9:41:00 AM	0.012	0.004	0.011	0.004
Oct 20 2021 9:42:00 AM	0.031	0.004	0.017	0.004
Oct 20 2021 9:43:00 AM	0.016	0.004	0.018	0.004
Oct 20 2021 9:44:00 AM	0.012	0.004	0.011	0.004
Oct 20 2021 9:45:00 AM	0.013	0.004	0.01	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 9:46:00 AM	0.012	0.004	0.011	0.004
Oct 20 2021 9:47:00 AM	0.012	0.004	0.016	0.004
Oct 20 2021 9:48:00 AM	0.012	0.004	0.013	0.004
Oct 20 2021 9:49:00 AM	0.019	0.004	0.015	0.004
Oct 20 2021 9:50:00 AM	0.011	0.004	0.01	0.004
Oct 20 2021 9:51:00 AM	0.011	0.004	0.01	0.004
Oct 20 2021 9:52:00 AM	0.013	0.004	0.01	0.004
Oct 20 2021 9:53:00 AM	0.017	0.004	0.01	0.004
Oct 20 2021 9:54:00 AM	0.012	0.004	0.01	0.004
Oct 20 2021 9:55:00 AM	0.014	0.005	0.011	0.004
Oct 20 2021 9:56:00 AM	0.012	0.005	0.01	0.004
Oct 20 2021 9:57:00 AM	0.016	0.005	0.011	0.004
Oct 20 2021 9:58:00 AM	0.012	0.005	0.01	0.004
Oct 20 2021 9:59:00 AM	0.019	0.005	0.011	0.004
Oct 20 2021 10:00:00 AM	0.011	0.005	0.01	0.004
Oct 20 2021 10:01:00 AM	0.018	0.005	0.013	0.004
Oct 20 2021 10:02:00 AM	0.027	0.005	0.013	0.004
Oct 20 2021 10:03:00 AM	0.021	0.005	0.01	0.004
Oct 20 2021 10:04:00 AM	0.011	0.005	0.011	0.004
Oct 20 2021 10:05:00 AM	0.013	0.005	0.011	0.004
Oct 20 2021 10:06:00 AM	0.015	0.005	0.011	0.004
Oct 20 2021 10:07:00 AM	0.032	0.005	0.013	0.004
Oct 20 2021 10:08:00 AM	0.036	0.005	0.089	0.004
Oct 20 2021 10:09:00 AM	0.036	0.005	0.01	0.005
Oct 20 2021 10:10:00 AM	0.024	0.005	0.024	0.005
Oct 20 2021 10:11:00 AM	0.015	0.005	0.018	0.005
Oct 20 2021 10:12:00 AM	0.013	0.005	0.01	0.005
Oct 20 2021 10:13:00 AM	0.036	0.005	0.011	0.005
Oct 20 2021 10:14:00 AM	0.013	0.005	0.011	0.005
Oct 20 2021 10:15:00 AM	0.028	0.005	0.011	0.005
Oct 20 2021 10:16:00 AM	0.017	0.005	0.011	0.005
Oct 20 2021 10:17:00 AM	0.011	0.005	0.011	0.005
Oct 20 2021 10:18:00 AM	0.022	0.005	0.01	0.005
Oct 20 2021 10:19:00 AM	0.011	0.005	0.01	0.005
Oct 20 2021 10:20:00 AM	0.012	0.006	0.01	0.005
Oct 20 2021 10:21:00 AM	0.011	0.006	0.011	0.005
Oct 20 2021 10:22:00 AM	0.016	0.006	0.01	0.005
Oct 20 2021 10:23:00 AM	0.011	0.006	0.01	0.005
Oct 20 2021 10:24:00 AM	0.011	0.006	0.01	0.005
Oct 20 2021 10:25:00 AM	0.013	0.006	0.01	0.005
Oct 20 2021 10:26:00 AM	0.013	0.006	0.01	0.005
Oct 20 2021 10:27:00 AM	0.014	0.006	0.014	0.005
Oct 20 2021 10:28:00 AM	0.014	0.006	0.011	0.005
Oct 20 2021 10:29:00 AM	0.012	0.006	0.011	0.005
Oct 20 2021 10:30:00 AM	0.011	0.006	0.01	0.005
Oct 20 2021 10:31:00 AM	0.01	0.006	0.01	0.005
Oct 20 2021 10:32:00 AM	0.011	0.006	0.011	0.005
Oct 20 2021 10:33:00 AM	0.011	0.006	0.013	0.005
Oct 20 2021 10:34:00 AM	0.019	0.006	0.029	0.005
Oct 20 2021 10:35:00 AM	0.015	0.006	0.011	0.005
Oct 20 2021 10:36:00 AM	0.01	0.006	0.01	0.005
Oct 20 2021 10:37:00 AM	0.017	0.006	0.011	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 10:38:00 AM	0.019	0.006	0.011	0.005
Oct 20 2021 10:39:00 AM	0.057	0.006	0.011	0.005
Oct 20 2021 10:40:00 AM	0.012	0.006	0.01	0.005
Oct 20 2021 10:41:00 AM	0.011	0.006	0.01	0.005
Oct 20 2021 10:42:00 AM	0.009	0.006	0.01	0.005
Oct 20 2021 10:43:00 AM	0.012	0.006	0.011	0.005
Oct 20 2021 10:44:00 AM	0.01	0.006	0.01	0.005
Oct 20 2021 10:45:00 AM	0.011	0.006	0.011	0.005
Oct 20 2021 10:46:00 AM	0.01	0.006	0.01	0.005
Oct 20 2021 10:47:00 AM	0.014	0.006	0.01	0.005
Oct 20 2021 10:48:00 AM	0.009	0.006	0.01	0.005
Oct 20 2021 10:49:00 AM	0.012	0.006	0.01	0.005
Oct 20 2021 10:50:00 AM	0.009	0.006	0.01	0.005
Oct 20 2021 10:51:00 AM	0.017	0.006	0.01	0.006
Oct 20 2021 10:52:00 AM	0.011	0.006	0.011	0.006
Oct 20 2021 10:53:00 AM	0.014	0.006	0.01	0.006
Oct 20 2021 10:54:00 AM	0.009	0.006	0.009	0.006
Oct 20 2021 10:55:00 AM	0.009	0.006	0.01	0.006
Oct 20 2021 10:56:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 10:57:00 AM	0.01	0.007	0.013	0.006
Oct 20 2021 10:58:00 AM	0.009	0.007	0.01	0.006
Oct 20 2021 10:59:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 11:00:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 11:01:00 AM	0.011	0.007	0.01	0.006
Oct 20 2021 11:02:00 AM	0.02	0.007	0.009	0.006
Oct 20 2021 11:03:00 AM	0.025	0.007	0.01	0.006
Oct 20 2021 11:04:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 11:05:00 AM	0.01	0.007	0.011	0.006
Oct 20 2021 11:06:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 11:07:00 AM	0.01	0.007	0.01	0.006
Oct 20 2021 11:08:00 AM	0.008	0.007	0.174	0.006
Oct 20 2021 11:09:00 AM	0.018	0.007	0.127	0.006
Oct 20 2021 11:10:00 AM	0.015	0.007	0.01	0.007
Oct 20 2021 11:11:00 AM	0.009	0.007	0.01	0.007
Oct 20 2021 11:12:00 AM	0.009	0.007	0.009	0.007
Oct 20 2021 11:13:00 AM	0.011	0.007	0.009	0.007
Oct 20 2021 11:14:00 AM	0.007	0.007	0.009	0.007
Oct 20 2021 11:15:00 AM	0.011	0.007	0.009	0.007
Oct 20 2021 11:16:00 AM	0.074	0.007	0.009	0.007
Oct 20 2021 11:17:00 AM	0.014	0.007	0.009	0.007
Oct 20 2021 11:18:00 AM	0.014	0.007	0.01	0.007
Oct 20 2021 11:19:00 AM	0.011	0.007	0.009	0.007
Oct 20 2021 11:20:00 AM	0.01	0.007	0.009	0.007
Oct 20 2021 11:21:00 AM	0.016	0.007	0.012	0.007
Oct 20 2021 11:22:00 AM	0.009	0.007	0.009	0.007
Oct 20 2021 11:23:00 AM	0.008	0.007	0.009	0.007
Oct 20 2021 11:24:00 AM	0.009	0.007	0.009	0.007
Oct 20 2021 11:25:00 AM	0.01	0.007	0.009	0.007
Oct 20 2021 11:26:00 AM	0.01	0.007	0.01	0.007
Oct 20 2021 11:27:00 AM	0.008	0.007	0.01	0.007
Oct 20 2021 11:28:00 AM	0.008	0.007	0.009	0.007
Oct 20 2021 11:29:00 AM	0.011	0.007	0.009	0.007



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 11:30:00 AM	0.01	0.007	0.009	0.007
Oct 20 2021 11:31:00 AM	0.008	0.007	0.009	0.007
Oct 20 2021 11:32:00 AM	0.033	0.008	0.009	0.007
Oct 20 2021 11:33:00 AM	0.01	0.008	0.009	0.007
Oct 20 2021 11:34:00 AM	0.016	0.008	0.02	0.007
Oct 20 2021 11:35:00 AM	0.016	0.008	0.036	0.007
Oct 20 2021 11:36:00 AM	0.022	0.008	0.01	0.007
Oct 20 2021 11:37:00 AM	0.028	0.008	0.01	0.007
Oct 20 2021 11:38:00 AM	0.01	0.008	0.009	0.007
Oct 20 2021 11:39:00 AM	0.007	0.008	0.034	0.007
Oct 20 2021 11:40:00 AM	0.049	0.008	0.025	0.007
Oct 20 2021 11:41:00 AM	0.015	0.008	0.009	0.007
Oct 20 2021 11:42:00 AM	0.007	0.008	0.009	0.007
Oct 20 2021 11:43:00 AM	0.007	0.008	0.009	0.007
Oct 20 2021 11:44:00 AM	0.009	0.008	0.009	0.007
Oct 20 2021 11:45:00 AM	0.011	0.008	0.009	0.007
Oct 20 2021 11:46:00 AM	0.012	0.008	0.009	0.007
Oct 20 2021 11:47:00 AM	0.009	0.008	0.009	0.007
Oct 20 2021 11:48:00 AM	0.007	0.008	0.01	0.007
Oct 20 2021 11:49:00 AM	0.007	0.008	0.009	0.007
Oct 20 2021 11:50:00 AM	0.007	0.008	0.009	0.007
Oct 20 2021 11:51:00 AM	0.007	0.008	0.01	0.007
Oct 20 2021 11:52:00 AM	0.008	0.008	0.009	0.008
Oct 20 2021 11:53:00 AM	0.007	0.008	0.009	0.008
Oct 20 2021 11:54:00 AM	0.007	0.008	0.009	0.008
Oct 20 2021 11:55:00 AM	0.007	0.008	0.009	0.008
Oct 20 2021 11:56:00 AM	0.006	0.008	0.009	0.008
Oct 20 2021 11:57:00 AM	0.007	0.008	0.009	0.008
Oct 20 2021 11:58:00 AM	0.006	0.008	0.009	0.008
Oct 20 2021 11:59:00 AM	0.008	0.008	0.009	0.008
Oct 20 2021 12:00:00 PM	0.006	0.008	0.009	0.008
Oct 20 2021 12:01:00 PM	0.007	0.008	0.009	0.008
Oct 20 2021 12:02:00 PM	0.01	0.008	0.009	0.008
Oct 20 2021 12:03:00 PM	0.007	0.008	0.009	0.008
Oct 20 2021 12:04:00 PM	0.007	0.008	0.009	0.008
Oct 20 2021 12:05:00 PM	0.007	0.008	0.009	0.008
Oct 20 2021 12:06:00 PM	0.008	0.008	0.009	0.008
Oct 20 2021 12:07:00 PM	0.006	0.008	0.009	0.008
Oct 20 2021 12:08:00 PM	0.007	0.008	0.009	0.008
Oct 20 2021 12:09:00 PM	0.017	0.008	0.088	0.008
Oct 20 2021 12:10:00 PM	0.026	0.008	0.01	0.008
Oct 20 2021 12:11:00 PM	0.008	0.008	0.011	0.008
Oct 20 2021 12:12:00 PM	0.008	0.008	0.009	0.008
Oct 20 2021 12:13:00 PM	0.008	0.008	0.048	0.008
Oct 20 2021 12:14:00 PM	0.054	0.008	0.176	0.008
Oct 20 2021 12:15:00 PM	0.009	0.009	0.009	0.009
Oct 20 2021 12:16:00 PM	0.008	0.009	0.008	0.009
Oct 20 2021 12:17:00 PM	0.011	0.009	0.009	0.009
Oct 20 2021 12:18:00 PM	0.007	0.009	0.009	0.009
Oct 20 2021 12:19:00 PM	0.007	0.009	0.008	0.009
Oct 20 2021 12:20:00 PM	0.006	0.009	0.012	0.009
Oct 20 2021 12:21:00 PM	0.008	0.009	0.009	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 12:22:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:23:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:24:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:25:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:26:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:27:00 PM	0.009	0.009	0.012	0.009
Oct 20 2021 12:28:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:29:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:30:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:31:00 PM	0.007	0.009	0.009	0.009
Oct 20 2021 12:32:00 PM	0.008	0.009	0.008	0.009
Oct 20 2021 12:33:00 PM	0.006	0.009	0.009	0.009
Oct 20 2021 12:34:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:35:00 PM	0.006	0.009	0.008	0.009
Oct 20 2021 12:36:00 PM	0.006	0.009	0.008	
Oct 20 2021 12:37:00 PM	0.006	0.009	0.009	
Oct 20 2021 12:38:00 PM	0.006	0.009	0.008	
Oct 20 2021 12:39:00 PM	0.006	0.009	0.008	
Oct 20 2021 12:40:00 PM	0.006	0.009	0.009	
Oct 20 2021 12:41:00 PM	0.007	0.009	0.065	
Oct 20 2021 12:42:00 PM	0.007	0.009	0.008	
Oct 20 2021 12:43:00 PM	0.006	0.009	0.008	
Oct 20 2021 12:44:00 PM	0.006	0.009	0.008	
Oct 20 2021 12:45:00 PM	0.008	0.009		
Oct 20 2021 12:46:00 PM	0.006	0.009		
Oct 20 2021 12:47:00 PM	0.006	0.009		
Oct 20 2021 12:48:00 PM	0.008	0.009		
Oct 20 2021 12:49:00 PM	0.005	0.009		
Oct 20 2021 12:50:00 PM	0.052	0.009		
Oct 20 2021 12:51:00 PM	0.023	0.009		
Oct 20 2021 12:52:00 PM	0.007	0.009		
Oct 20 2021 12:53:00 PM	0.006	0.009		
Oct 20 2021 12:54:00 PM	0.005	0.009		
Oct 20 2021 12:55:00 PM	0.006	0.009		
Oct 20 2021 12:56:00 PM	0.006	0.009		
Oct 20 2021 12:57:00 PM	0.005	0.009		
Oct 20 2021 12:58:00 PM	0.008	0.009		
Oct 20 2021 12:59:00 PM	0.007	0.009		
Oct 20 2021 1:00:00 PM	0.012	0.009		
Oct 20 2021 1:01:00 PM	0.007	0.009		
Oct 20 2021 1:02:00 PM	0.008	0.009		
Oct 20 2021 1:03:00 PM	0.007	0.009		
Oct 20 2021 1:04:00 PM	0.006	0.009		
Oct 20 2021 1:05:00 PM	0.007	0.009		
Oct 20 2021 1:06:00 PM	0.019	0.009		
Oct 20 2021 1:07:00 PM	0.012	0.009	0.01	0.011
Oct 20 2021 1:08:00 PM	0.013	0.01	0.011	0.011
Oct 20 2021 1:09:00 PM	0.006	0.01	0.009	0.011
Oct 20 2021 1:10:00 PM	0.008	0.01	0.009	0.011
Oct 20 2021 1:11:00 PM	0.009	0.01	0.016	0.011
Oct 20 2021 1:12:00 PM	0.007	0.01	0.009	0.011
Oct 20 2021 1:13:00 PM	0.007	0.01	0.008	0.011

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 1:14:00 PM	0.013	0.01	0.014	0.011
Oct 20 2021 1:15:00 PM	0.007	0.01	0.01	0.011
Oct 20 2021 1:16:00 PM	0.005	0.01	0.008	0.011
Oct 20 2021 1:17:00 PM	0.012	0.01	0.07	0.011
Oct 20 2021 1:18:00 PM	0.006	0.01	0.01	0.011
Oct 20 2021 1:19:00 PM	0.006	0.01	0.011	0.011
Oct 20 2021 1:20:00 PM	0.006	0.01	0.013	0.011
Oct 20 2021 1:21:00 PM	0.007	0.01	0.011	0.011
Oct 20 2021 1:22:00 PM	0.008	0.01	0.009	0.011
Oct 20 2021 1:23:00 PM	0.005	0.01	0.008	0.012
Oct 20 2021 1:24:00 PM	0.007	0.01	0.012	0.012
Oct 20 2021 1:25:00 PM	0.007	0.01	0.012	0.012
Oct 20 2021 1:26:00 PM	0.005	0.01	0.008	0.012
Oct 20 2021 1:27:00 PM	0.006	0.01	0.008	0.012
Oct 20 2021 1:28:00 PM	0.012	0.01	0.01	0.012
Oct 20 2021 1:29:00 PM	0.023	0.01	0.009	0.012
Oct 20 2021 1:30:00 PM	0.007	0.01	0.008	0.012
Oct 20 2021 1:31:00 PM	0.008	0.01	0.012	0.012
Oct 20 2021 1:32:00 PM	0.033	0.01	0.158	0.012
Oct 20 2021 1:33:00 PM	0.014	0.01	0.127	0.012
Oct 20 2021 1:34:00 PM	0.007	0.01	0.022	0.012
Oct 20 2021 1:35:00 PM	0.012	0.01	0.085	0.012
Oct 20 2021 1:36:00 PM	0.024	0.01	0.027	0.013
Oct 20 2021 1:37:00 PM	0.025	0.01	0.039	0.013
Oct 20 2021 1:38:00 PM	0.037	0.01	0.227	0.013
Oct 20 2021 1:39:00 PM	0.009	0.01	0.01	0.013
Oct 20 2021 1:40:00 PM	0.01	0.01	0.01	0.013
Oct 20 2021 1:41:00 PM	0.013	0.01	0.102	0.013
Oct 20 2021 1:42:00 PM	0.012	0.01	0.008	0.013
Oct 20 2021 1:43:00 PM	0.011	0.01	0.017	0.013
Oct 20 2021 1:44:00 PM	0.009	0.01	0.044	0.013
Oct 20 2021 1:45:00 PM	0.025	0.01	0.014	0.014
Oct 20 2021 1:46:00 PM	0.006	0.01	0.008	0.014
Oct 20 2021 1:47:00 PM	0.017	0.01	0.065	0.014
Oct 20 2021 1:48:00 PM	0.015	0.01	0.008	0.014
Oct 20 2021 1:49:00 PM	0.039	0.01	0.17	0.014
Oct 20 2021 1:50:00 PM	0.023	0.011	0.014	0.014
Oct 20 2021 1:51:00 PM	0.007	0.011	0.033	0.014
Oct 20 2021 1:52:00 PM	0.027	0.011	0.045	0.014
Oct 20 2021 1:53:00 PM	0.009	0.011	0.036	0.014
Oct 20 2021 1:54:00 PM	0.015	0.011	0.033	0.014
Oct 20 2021 1:55:00 PM	0.011	0.011	0.013	0.014
Oct 20 2021 1:56:00 PM	0.015	0.011	0.009	0.014
Oct 20 2021 1:57:00 PM	0.016	0.011	0.081	0.014
Oct 20 2021 1:58:00 PM	0.01	0.011	0.009	0.015
Oct 20 2021 1:59:00 PM	0.024	0.011	0.008	0.015
Oct 20 2021 2:00:00 PM	0.006	0.011	0.008	0.015
Oct 20 2021 2:01:00 PM	0.01	0.011	0.011	0.015
Oct 20 2021 2:02:00 PM	0.008	0.011	0.008	0.015
Oct 20 2021 2:03:00 PM	0.006	0.011	0.035	0.015
Oct 20 2021 2:04:00 PM	0.011	0.011	0.008	0.015
Oct 20 2021 2:05:00 PM	0.005	0.011	0.011	0.015

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 2:06:00 PM	0.006	0.011	0.012	0.015
Oct 20 2021 2:07:00 PM	0.007	0.011	0.076	0.015
Oct 20 2021 2:08:00 PM	0.016	0.011	0.062	0.015
Oct 20 2021 2:09:00 PM	0.009	0.011	0.008	0.015
Oct 20 2021 2:10:00 PM	0.006	0.011	0.008	0.015
Oct 20 2021 2:11:00 PM	0.009	0.011	0.012	0.015
Oct 20 2021 2:12:00 PM	0.006	0.011	0.009	0.015
Oct 20 2021 2:13:00 PM	0.005	0.011	0.008	0.015
Oct 20 2021 2:14:00 PM	0.004	0.011	0.106	0.015
Oct 20 2021 2:15:00 PM	0.014	0.011	0.019	0.015
Oct 20 2021 2:16:00 PM	0.007	0.011	0.007	0.016
Oct 20 2021 2:17:00 PM	0.007	0.011	0.008	0.016
Oct 20 2021 2:18:00 PM	0.007	0.011	0.008	0.016
Oct 20 2021 2:19:00 PM	0.021	0.011	0.008	0.016
Oct 20 2021 2:20:00 PM	0.028	0.011	0.084	0.016
Oct 20 2021 2:21:00 PM	0.016	0.011	0.082	0.016
Oct 20 2021 2:22:00 PM	0.045	0.011	0.012	0.016
Oct 20 2021 2:23:00 PM	0.019	0.011	0.008	0.016
Oct 20 2021 2:24:00 PM	0.023	0.011	0.008	0.016
Oct 20 2021 2:25:00 PM	0.01	0.012	0.081	0.016
Oct 20 2021 2:26:00 PM	0.02	0.012	0.485	0.016
Oct 20 2021 2:27:00 PM	0.032	0.012	0.431	0.017
Oct 20 2021 2:28:00 PM	0.017	0.012	0.223	0.018
Oct 20 2021 2:29:00 PM	0.005	0.012	0.01	0.019
Oct 20 2021 2:30:00 PM	0.006	0.012	0.01	0.019
Oct 20 2021 2:31:00 PM	0.011	0.012	0.009	0.019
Oct 20 2021 2:32:00 PM	0.006	0.012	0.008	0.019
Oct 20 2021 2:33:00 PM	0.009	0.012	0.013	0.019
Oct 20 2021 2:34:00 PM	0.007	0.012	0.014	0.019
Oct 20 2021 2:35:00 PM	0.024	0.012	0.093	0.019
Oct 20 2021 2:36:00 PM	0.014	0.012	0.06	0.019
Oct 20 2021 2:37:00 PM	0.023	0.012	0.065	0.019
Oct 20 2021 2:38:00 PM	0.014	0.012	0.025	0.019
Oct 20 2021 2:39:00 PM	0.006	0.012	0.016	0.019
Oct 20 2021 2:40:00 PM	0.006	0.012	0.008	0.019
Oct 20 2021 2:41:00 PM	0.004	0.012	0.01	0.019
Oct 20 2021 2:42:00 PM	0.022	0.012	0.122	0.019
Oct 20 2021 2:43:00 PM	0.012	0.012	0.067	0.02
Oct 20 2021 2:44:00 PM	0.034	0.012	0.158	0.02
Oct 20 2021 2:45:00 PM	0.006	0.012	0.01	0.02
Oct 20 2021 2:46:00 PM	0.047	0.012	0.037	0.02
Oct 20 2021 2:47:00 PM	0.008	0.012	0.01	0.02
Oct 20 2021 2:48:00 PM	0.026	0.012	0.073	0.02
Oct 20 2021 2:49:00 PM	0.008	0.012	0.019	0.02
Oct 20 2021 2:50:00 PM	0.015	0.012	0.009	0.02
Oct 20 2021 2:51:00 PM	0.01	0.012	0.011	0.02
Oct 20 2021 2:52:00 PM	0.039	0.012	0.044	0.02
Oct 20 2021 2:53:00 PM	0.01	0.012	0.011	0.02
Oct 20 2021 2:54:00 PM	0.008	0.012	0.009	0.02
Oct 20 2021 2:55:00 PM			0.013	0.02
Oct 20 2021 2:56:00 PM			0.048	0.02
Oct 20 2021 2:57:00 PM			0.098	0.021

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 20 2021 2:58:00 PM			0.097	0.021
Oct 20 2021 2:59:00 PM			0.249	0.021
Oct 20 2021 3:00:00 PM			0.098	
Oct 20 2021 3:01:00 PM			0.159	
Oct 20 2021 3:02:00 PM			0.029	
Oct 20 2021 3:03:00 PM			0.072	
Oct 20 2021 3:04:00 PM			0.034	
Oct 20 2021 3:05:00 PM			0.035	
Oct 20 2021 3:06:00 PM				
Oct 21 2021 7:20:00 AM				
Oct 21 2021 7:21:00 AM	0.014	0		
Oct 21 2021 7:22:00 AM	0.031	0		
Oct 21 2021 7:23:00 AM	0.019	0		
Oct 21 2021 7:24:00 AM	0.019	0	1.504	0
Oct 21 2021 7:25:00 AM	0.022	0	0.055	0
Oct 21 2021 7:26:00 AM	0.026	0	0.042	0
Oct 21 2021 7:27:00 AM	0.018	0	0.06	0
Oct 21 2021 7:28:00 AM	0.016	0	0.026	0
Oct 21 2021 7:29:00 AM	0.024	0	0.073	0
Oct 21 2021 7:30:00 AM	0.094	0	0.028	0
Oct 21 2021 7:31:00 AM	0.166	0	0.031	0
Oct 21 2021 7:32:00 AM	0.05	0	0.02	0
Oct 21 2021 7:33:00 AM	0.033	0	0.019	0
Oct 21 2021 7:34:00 AM	0.017	0	0.019	0
Oct 21 2021 7:35:00 AM	0.017	0	0.029	0
Oct 21 2021 7:36:00 AM	0.015	0	0.027	0
Oct 21 2021 7:37:00 AM	0.015	0.001	0.016	0
Oct 21 2021 7:38:00 AM	0.015	0.001	0.024	0
Oct 21 2021 7:39:00 AM	0.015	0.001	0.018	0.002
Oct 21 2021 7:40:00 AM	0.015	0.001	0.016	0.003
Oct 21 2021 7:41:00 AM	0.015	0.001	0.017	0.003
Oct 21 2021 7:42:00 AM	0.015	0.001	0.018	0.003
Oct 21 2021 7:43:00 AM	0.015	0.001	0.02	0.003
Oct 21 2021 7:44:00 AM	0.016	0.001	0.017	0.003
Oct 21 2021 7:45:00 AM	0.016	0.001	0.016	0.003
Oct 21 2021 7:46:00 AM	0.015	0.001	0.024	0.003
Oct 21 2021 7:47:00 AM	0.015	0.002	0.017	0.003
Oct 21 2021 7:48:00 AM	0.023	0.002	0.025	0.003
Oct 21 2021 7:49:00 AM	0.02	0.002	0.022	0.003
Oct 21 2021 7:50:00 AM	0.016	0.002	0.019	0.003
Oct 21 2021 7:51:00 AM	0.015	0.002	0.016	0.003
Oct 21 2021 7:52:00 AM	0.015	0.002	0.016	0.003
Oct 21 2021 7:53:00 AM	0.015	0.002	0.016	0.003
Oct 21 2021 7:54:00 AM	0.017	0.002	0.159	0.003
Oct 21 2021 7:55:00 AM	0.02	0.002	0.285	0.004
Oct 21 2021 7:56:00 AM	0.019	0.002	0.094	0.004
Oct 21 2021 7:57:00 AM	0.021	0.002	0.027	0.005
Oct 21 2021 7:58:00 AM	0.017	0.002	0.026	0.005
Oct 21 2021 7:59:00 AM	0.018	0.002	0.062	0.005
Oct 21 2021 8:00:00 AM	0.017	0.002	0.092	0.005
Oct 21 2021 8:01:00 AM	0.018	0.002	0.044	0.005
Oct 21 2021 8:02:00 AM	0.022	0.002	0.021	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 8:03:00 AM	0.02	0.002	0.021	0.005
Oct 21 2021 8:04:00 AM	0.035	0.002	0.02	0.005
Oct 21 2021 8:05:00 AM	0.043	0.002	0.036	0.005
Oct 21 2021 8:06:00 AM	0.033	0.002	0.027	0.005
Oct 21 2021 8:07:00 AM	0.02	0.002	0.032	0.005
Oct 21 2021 8:08:00 AM	0.02	0.002	0.028	0.005
Oct 21 2021 8:09:00 AM	0.024	0.002	0.029	0.005
Oct 21 2021 8:10:00 AM	0.022	0.003	0.027	0.006
Oct 21 2021 8:11:00 AM	0.022	0.003	0.018	0.006
Oct 21 2021 8:12:00 AM	0.018	0.003	0.017	0.006
Oct 21 2021 8:13:00 AM	0.016	0.003	0.016	0.006
Oct 21 2021 8:14:00 AM	0.015	0.003	0.017	0.006
Oct 21 2021 8:15:00 AM	0.015	0.003	0.016	0.006
Oct 21 2021 8:16:00 AM	0.018	0.003	0.016	0.006
Oct 21 2021 8:17:00 AM	0.021	0.003	0.016	0.006
Oct 21 2021 8:18:00 AM	0.018	0.003	0.015	0.006
Oct 21 2021 8:19:00 AM	0.015	0.003	0.015	0.006
Oct 21 2021 8:20:00 AM	0.015	0.003	0.015	0.006
Oct 21 2021 8:21:00 AM	0.016	0.003	0.015	0.006
Oct 21 2021 8:22:00 AM	0.016	0.003	0.015	0.006
Oct 21 2021 8:23:00 AM	0.05	0.003	0.086	0.006
Oct 21 2021 8:24:00 AM	0.036	0.003	0.022	0.006
Oct 21 2021 8:25:00 AM	0.022	0.003	0.016	0.006
Oct 21 2021 8:26:00 AM	0.018	0.003	0.016	0.006
Oct 21 2021 8:27:00 AM	0.02	0.003	0.016	0.006
Oct 21 2021 8:28:00 AM	0.019	0.003	0.015	0.006
Oct 21 2021 8:29:00 AM	0.025	0.003	0.034	0.006
Oct 21 2021 8:30:00 AM	0.025	0.003	0.118	0.007
Oct 21 2021 8:31:00 AM	0.072	0.003	0.018	0.007
Oct 21 2021 8:32:00 AM	0.036	0.004	0.016	0.007
Oct 21 2021 8:33:00 AM	0.023	0.004	0.016	0.007
Oct 21 2021 8:34:00 AM	0.02	0.004	0.016	0.007
Oct 21 2021 8:35:00 AM	0.02	0.004	0.016	0.007
Oct 21 2021 8:36:00 AM	0.018	0.004	0.016	0.007
Oct 21 2021 8:37:00 AM	0.039	0.004	0.016	0.007
Oct 21 2021 8:38:00 AM	0.055	0.004	0.016	0.007
Oct 21 2021 8:39:00 AM	0.024	0.004	0.016	0.007
Oct 21 2021 8:40:00 AM	0.019	0.004	0.016	0.007
Oct 21 2021 8:41:00 AM	0.018	0.004	0.015	0.007
Oct 21 2021 8:42:00 AM	0.042	0.004	0.015	0.007
Oct 21 2021 8:43:00 AM	0.025	0.004	0.018	0.007
Oct 21 2021 8:44:00 AM	0.017	0.004	0.016	0.007
Oct 21 2021 8:45:00 AM	0.036	0.004	0.016	0.007
Oct 21 2021 8:46:00 AM	0.022	0.004	0.016	0.007
Oct 21 2021 8:47:00 AM	0.017	0.004	0.015	0.007
Oct 21 2021 8:48:00 AM	0.015	0.004	0.015	0.007
Oct 21 2021 8:49:00 AM	0.017	0.005	0.016	0.007
Oct 21 2021 8:50:00 AM	0.034	0.005	0.016	0.007
Oct 21 2021 8:51:00 AM	0.02	0.005	0.015	0.007
Oct 21 2021 8:52:00 AM	0.016	0.005	0.016	0.007
Oct 21 2021 8:53:00 AM	0.084	0.005	0.015	0.007
Oct 21 2021 8:54:00 AM	0.032	0.005	0.015	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 8:55:00 AM	0.018	0.005	0.029	0.007
Oct 21 2021 8:56:00 AM	0.023	0.005	0.015	0.007
Oct 21 2021 8:57:00 AM	0.016	0.005	0.015	0.008
Oct 21 2021 8:58:00 AM	0.014	0.005	0.026	0.008
Oct 21 2021 8:59:00 AM	0.042	0.005	0.03	0.008
Oct 21 2021 9:00:00 AM	0.048	0.005	0.014	0.008
Oct 21 2021 9:01:00 AM	0.017	0.005	0.015	0.008
Oct 21 2021 9:02:00 AM	0.012	0.005	0.015	0.008
Oct 21 2021 9:03:00 AM	0.015	0.005	0.015	0.008
Oct 21 2021 9:04:00 AM	0.019	0.005	0.015	0.008
Oct 21 2021 9:05:00 AM	0.015	0.005	0.015	0.008
Oct 21 2021 9:06:00 AM	0.013	0.005	0.014	0.008
Oct 21 2021 9:07:00 AM	0.012	0.005	0.015	0.008
Oct 21 2021 9:08:00 AM	0.012	0.005	0.014	0.008
Oct 21 2021 9:09:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:10:00 AM	0.012	0.006	0.014	0.008
Oct 21 2021 9:11:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:12:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:13:00 AM	0.011	0.006	0.015	0.008
Oct 21 2021 9:14:00 AM	0.011	0.006	0.015	0.008
Oct 21 2021 9:15:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:16:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:17:00 AM	0.011	0.006	0.015	0.008
Oct 21 2021 9:18:00 AM	0.014	0.006	0.015	0.008
Oct 21 2021 9:19:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:20:00 AM	0.012	0.006	0.015	0.008
Oct 21 2021 9:21:00 AM	0.022	0.006	0.015	0.008
Oct 21 2021 9:22:00 AM	0.016	0.006	0.022	0.008
Oct 21 2021 9:23:00 AM	0.018	0.006	0.02	0.008
Oct 21 2021 9:24:00 AM	0.031	0.006	0.018	0.008
Oct 21 2021 9:25:00 AM	0.053	0.006	0.017	0.008
Oct 21 2021 9:26:00 AM	0.018	0.006	0.021	0.009
Oct 21 2021 9:27:00 AM	0.019	0.006	0.031	0.009
Oct 21 2021 9:28:00 AM	0.028	0.006	0.026	0.009
Oct 21 2021 9:29:00 AM	0.065	0.006	0.015	0.009
Oct 21 2021 9:30:00 AM	0.02	0.006	0.016	0.009
Oct 21 2021 9:31:00 AM	0.018	0.006	0.022	0.009
Oct 21 2021 9:32:00 AM	0.029	0.006	0.015	0.009
Oct 21 2021 9:33:00 AM	0.093	0.006	0.015	0.009
Oct 21 2021 9:34:00 AM	0.024	0.007	0.015	0.009
Oct 21 2021 9:35:00 AM	0.042	0.007	0.059	0.009
Oct 21 2021 9:36:00 AM	0.018	0.007	0.054	0.009
Oct 21 2021 9:37:00 AM	0.022	0.007	0.022	0.009
Oct 21 2021 9:38:00 AM	0.017	0.007	0.018	0.009
Oct 21 2021 9:39:00 AM	0.015	0.007	0.016	0.009
Oct 21 2021 9:40:00 AM	0.014	0.007	0.015	0.009
Oct 21 2021 9:41:00 AM	0.013	0.007	0.015	0.009
Oct 21 2021 9:42:00 AM	0.013	0.007	0.015	0.009
Oct 21 2021 9:43:00 AM	0.013	0.007	0.015	0.009
Oct 21 2021 9:44:00 AM	0.066	0.007	0.017	0.009
Oct 21 2021 9:45:00 AM	0.039	0.007	0.03	0.009
Oct 21 2021 9:46:00 AM	0.015	0.007	0.016	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 9:47:00 AM	0.012	0.007	0.015	0.009
Oct 21 2021 9:48:00 AM	0.012	0.007	0.015	0.01
Oct 21 2021 9:49:00 AM	0.139	0.007	0.016	0.01
Oct 21 2021 9:50:00 AM	0.041	0.008	0.093	0.01
Oct 21 2021 9:51:00 AM	0.045	0.008	0.032	0.01
Oct 21 2021 9:52:00 AM	0.024	0.008	0.014	0.01
Oct 21 2021 9:53:00 AM	0.017	0.008	0.015	0.01
Oct 21 2021 9:54:00 AM	0.017	0.008	0.014	0.01
Oct 21 2021 9:55:00 AM	0.013	0.008	0.015	0.01
Oct 21 2021 9:56:00 AM	0.064	0.008	0.029	0.01
Oct 21 2021 9:57:00 AM	0.029	0.008	0.018	0.01
Oct 21 2021 9:58:00 AM	0.018	0.008	0.034	0.01
Oct 21 2021 9:59:00 AM	0.013	0.008	0.017	0.01
Oct 21 2021 10:00:00 AM	0.095	0.008	0.11	0.01
Oct 21 2021 10:01:00 AM	0.111	0.008	0.015	0.01
Oct 21 2021 10:02:00 AM	0.045	0.009	0.013	0.01
Oct 21 2021 10:03:00 AM	0.022	0.009	0.064	0.01
Oct 21 2021 10:04:00 AM	0.018	0.009	0.016	0.011
Oct 21 2021 10:05:00 AM	0.018	0.009	0.014	0.011
Oct 21 2021 10:06:00 AM	0.013	0.009	0.014	0.011
Oct 21 2021 10:07:00 AM	0.011	0.009	0.014	0.011
Oct 21 2021 10:08:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:09:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:10:00 AM	0.011	0.009	0.014	0.011
Oct 21 2021 10:11:00 AM	0.021	0.009	0.014	0.011
Oct 21 2021 10:12:00 AM	0.022	0.009	0.013	0.011
Oct 21 2021 10:13:00 AM	0.014	0.009	0.013	0.011
Oct 21 2021 10:14:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:15:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:16:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:17:00 AM	0.043	0.009	0.014	0.011
Oct 21 2021 10:18:00 AM	0.011	0.009	0.013	0.011
Oct 21 2021 10:19:00 AM	0.012	0.009	0.013	0.011
Oct 21 2021 10:20:00 AM	0.011	0.009	0.017	0.011
Oct 21 2021 10:21:00 AM	0.011	0.009	0.014	0.011
Oct 21 2021 10:22:00 AM	0.01	0.009	0.013	0.011
Oct 21 2021 10:23:00 AM	0.012	0.009	0.014	0.011
Oct 21 2021 10:24:00 AM	0.013	0.009	0.015	0.011
Oct 21 2021 10:25:00 AM	0.116	0.009	0.013	0.011
Oct 21 2021 10:26:00 AM	0.082	0.01	0.014	0.011
Oct 21 2021 10:27:00 AM	0.029	0.01	0.013	0.011
Oct 21 2021 10:28:00 AM	0.052	0.01	0.024	0.011
Oct 21 2021 10:29:00 AM	0.023	0.01	0.013	0.011
Oct 21 2021 10:30:00 AM	0.013	0.01	0.013	0.011
Oct 21 2021 10:31:00 AM	0.011	0.01	0.014	0.011
Oct 21 2021 10:32:00 AM	0.011	0.01	0.014	0.011
Oct 21 2021 10:33:00 AM	0.01	0.01	0.013	0.011
Oct 21 2021 10:34:00 AM	0.01	0.01	0.013	0.011
Oct 21 2021 10:35:00 AM	0.01	0.01	0.013	0.011
Oct 21 2021 10:36:00 AM	0.011	0.01	0.013	0.012
Oct 21 2021 10:37:00 AM	0.018	0.01	0.013	0.012
Oct 21 2021 10:38:00 AM	0.035	0.01	0.013	0.012



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 10:39:00 AM	0.019	0.01	0.012	0.012
Oct 21 2021 10:40:00 AM	0.012	0.01	0.013	0.012
Oct 21 2021 10:41:00 AM	0.011	0.01	0.013	0.012
Oct 21 2021 10:42:00 AM	0.02	0.01	0.044	0.012
Oct 21 2021 10:43:00 AM	0.122	0.01	0.014	0.012
Oct 21 2021 10:44:00 AM	0.037	0.011	0.013	0.012
Oct 21 2021 10:45:00 AM	0.019	0.011	0.014	0.012
Oct 21 2021 10:46:00 AM	0.074	0.011	0.049	0.012
Oct 21 2021 10:47:00 AM	0.052	0.011	0.017	0.012
Oct 21 2021 10:48:00 AM	0.023	0.011	0.041	0.012
Oct 21 2021 10:49:00 AM	0.018	0.011	0.024	0.012
Oct 21 2021 10:50:00 AM	0.017	0.011	0.024	0.012
Oct 21 2021 10:51:00 AM	0.014	0.011	0.02	0.012
Oct 21 2021 10:52:00 AM	0.013	0.011	0.02	0.012
Oct 21 2021 10:53:00 AM	0.012	0.011	0.048	0.012
Oct 21 2021 10:54:00 AM	0.031	0.011	0.036	0.012
Oct 21 2021 10:55:00 AM	0.025	0.011	0.025	0.012
Oct 21 2021 10:56:00 AM	0.017	0.011	0.019	0.012
Oct 21 2021 10:57:00 AM	0.012	0.011	0.013	0.013
Oct 21 2021 10:58:00 AM	0.01	0.012	0.015	0.013
Oct 21 2021 10:59:00 AM	0.011	0.012	0.013	0.013
Oct 21 2021 11:00:00 AM	0.081	0.012	0.016	0.013
Oct 21 2021 11:01:00 AM	0.022	0.012	0.019	0.013
Oct 21 2021 11:02:00 AM	0.024	0.012	0.108	0.013
Oct 21 2021 11:03:00 AM	0.056	0.012	0.027	0.013
Oct 21 2021 11:04:00 AM	0.21	0.012	0.014	0.013
Oct 21 2021 11:05:00 AM	0.048	0.012	0.028	0.013
Oct 21 2021 11:06:00 AM	0.023	0.012	0.014	0.013
Oct 21 2021 11:07:00 AM	0.019	0.013	0.016	0.013
Oct 21 2021 11:08:00 AM	0.129	0.013	0.022	0.013
Oct 21 2021 11:09:00 AM	0.027	0.013	0.013	0.013
Oct 21 2021 11:10:00 AM	0.011	0.013	0.012	0.013
Oct 21 2021 11:11:00 AM	0.01	0.013	0.012	0.013
Oct 21 2021 11:12:00 AM	0.033	0.013	0.012	0.013
Oct 21 2021 11:13:00 AM	0.036	0.013	0.039	0.013
Oct 21 2021 11:14:00 AM	0.019	0.013	0.04	0.013
Oct 21 2021 11:15:00 AM	0.01	0.013	0.022	0.013
Oct 21 2021 11:16:00 AM	0.014	0.013	0.016	0.013
Oct 21 2021 11:17:00 AM	0.008	0.013	0.014	0.014
Oct 21 2021 11:18:00 AM	0.011	0.013	0.012	0.014
Oct 21 2021 11:19:00 AM	0.028	0.013	0.013	0.014
Oct 21 2021 11:20:00 AM	0.023	0.013	0.015	0.014
Oct 21 2021 11:21:00 AM	0.015	0.013	0.016	0.014
Oct 21 2021 11:22:00 AM	0.01	0.013	0.013	0.014
Oct 21 2021 11:23:00 AM	0.009	0.013	0.013	0.014
Oct 21 2021 11:24:00 AM	0.009	0.013	0.019	0.014
Oct 21 2021 11:25:00 AM	0.011	0.013	0.051	0.014
Oct 21 2021 11:26:00 AM	0.01	0.013	0.016	0.014
Oct 21 2021 11:27:00 AM	0.011	0.013	0.115	0.014
Oct 21 2021 11:28:00 AM	0.031	0.013	0.047	0.014
Oct 21 2021 11:29:00 AM	0.019	0.014	0.013	0.014
Oct 21 2021 11:30:00 AM	0.012	0.014	0.014	0.014

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 11:31:00 AM	0.013	0.014	0.013	0.014
Oct 21 2021 11:32:00 AM	0.169	0.014	0.014	0.014
Oct 21 2021 11:33:00 AM	0.033	0.014	0.015	0.014
Oct 21 2021 11:34:00 AM	0.015	0.014	0.013	0.014
Oct 21 2021 11:35:00 AM	0.015	0.014	0.013	0.014
Oct 21 2021 11:36:00 AM	0.013	0.014	0.013	0.014
Oct 21 2021 11:37:00 AM	0.012	0.014	0.014	0.014
Oct 21 2021 11:38:00 AM	0.011	0.014	0.015	0.014
Oct 21 2021 11:39:00 AM	0.013	0.014	0.013	0.015
Oct 21 2021 11:40:00 AM	0.012	0.014	0.014	0.015
Oct 21 2021 11:41:00 AM	0.012	0.014	0.017	0.015
Oct 21 2021 11:42:00 AM	0.012	0.014	0.018	0.015
Oct 21 2021 11:43:00 AM	0.012	0.014	0.015	0.015
Oct 21 2021 11:44:00 AM	0.012	0.014	0.014	0.015
Oct 21 2021 11:45:00 AM	0.011	0.014	0.017	0.015
Oct 21 2021 11:46:00 AM	0.011	0.014	0.016	0.015
Oct 21 2021 11:47:00 AM	0.012	0.014	0.016	0.015
Oct 21 2021 11:48:00 AM	0.011	0.014	0.013	0.015
Oct 21 2021 11:49:00 AM	0.01	0.014	0.028	0.015
Oct 21 2021 11:50:00 AM	0.012	0.014	0.015	0.015
Oct 21 2021 11:51:00 AM	0.012	0.014	0.022	0.015
Oct 21 2021 11:52:00 AM	0.012	0.014	0.015	0.015
Oct 21 2021 11:53:00 AM	0.011	0.015	0.015	0.015
Oct 21 2021 11:54:00 AM	0.012	0.015	0.014	0.015
Oct 21 2021 11:55:00 AM	0.023	0.015	0.014	0.015
Oct 21 2021 11:56:00 AM	0.016	0.015	0.014	0.015
Oct 21 2021 11:57:00 AM	0.013	0.015	0.02	0.015
Oct 21 2021 11:58:00 AM	0.032	0.015	0.024	0.015
Oct 21 2021 11:59:00 AM	0.02	0.015	0.018	0.015
Oct 21 2021 12:00:00 PM	0.012	0.015	0.014	0.015
Oct 21 2021 12:01:00 PM	0.018	0.015	0.014	0.015
Oct 21 2021 12:02:00 PM	0.012	0.015	0.013	0.015
Oct 21 2021 12:03:00 PM	0.013	0.015	0.015	0.015
Oct 21 2021 12:04:00 PM	0.013	0.015	0.014	0.015
Oct 21 2021 12:05:00 PM	0.011	0.015	0.013	0.015
Oct 21 2021 12:06:00 PM	0.012	0.015	0.013	0.015
Oct 21 2021 12:07:00 PM	0.011	0.015	0.014	0.015
Oct 21 2021 12:08:00 PM	0.011	0.015	0.014	0.015
Oct 21 2021 12:09:00 PM	0.011	0.015	0.014	0.015
Oct 21 2021 12:10:00 PM	0.011	0.015	0.014	0.016
Oct 21 2021 12:11:00 PM	0.012	0.015	0.014	0.016
Oct 21 2021 12:12:00 PM	0.011	0.015	0.014	0.016
Oct 21 2021 12:13:00 PM	0.011	0.015	0.014	0.016
Oct 21 2021 12:14:00 PM	0.012	0.015	0.015	0.016
Oct 21 2021 12:15:00 PM	0.033	0.015	0.014	0.016
Oct 21 2021 12:16:00 PM	0.021	0.015	0.015	0.016
Oct 21 2021 12:17:00 PM	0.012	0.015	0.058	0.016
Oct 21 2021 12:18:00 PM	0.015	0.015	0.05	0.016
Oct 21 2021 12:19:00 PM	0.019	0.015	0.027	0.016
Oct 21 2021 12:20:00 PM	0.015	0.015	0.016	0.016
Oct 21 2021 12:21:00 PM	0.013	0.015	0.014	0.016
Oct 21 2021 12:22:00 PM	0.015	0.015	0.015	0.016

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 12:23:00 PM	0.162	0.015	0.026	0.016
Oct 21 2021 12:24:00 PM	0.023	0.016	0.022	0.016
Oct 21 2021 12:25:00 PM	0.016	0.016	0.022	0.016
Oct 21 2021 12:26:00 PM	0.014	0.016	0.015	0.016
Oct 21 2021 12:27:00 PM	0.012	0.016	0.015	0.016
Oct 21 2021 12:28:00 PM	0.012	0.016	0.014	0.016
Oct 21 2021 12:29:00 PM	0.012	0.016	0.014	0.016
Oct 21 2021 12:30:00 PM	0.012	0.016	0.013	0.016
Oct 21 2021 12:31:00 PM	0.012	0.016	0.013	0.016
Oct 21 2021 12:32:00 PM	0.011	0.016	0.014	0.016
Oct 21 2021 12:33:00 PM	0.012	0.016	0.013	0.016
Oct 21 2021 12:34:00 PM	0.012	0.016	0.027	0.016
Oct 21 2021 12:35:00 PM	0.012	0.016	0.018	0.017
Oct 21 2021 12:36:00 PM	0.013	0.016	0.016	0.017
Oct 21 2021 12:37:00 PM	0.014	0.016	0.015	0.017
Oct 21 2021 12:38:00 PM	0.013	0.016	0.016	0.017
Oct 21 2021 12:39:00 PM	0.014	0.016	0.02	0.017
Oct 21 2021 12:40:00 PM	0.012	0.016	0.015	0.017
Oct 21 2021 12:41:00 PM	0.012	0.016	0.015	0.017
Oct 21 2021 12:42:00 PM	0.012	0.016	0.022	0.017
Oct 21 2021 12:43:00 PM	0.015	0.016	0.062	0.017
Oct 21 2021 12:44:00 PM	0.012	0.016	0.022	0.017
Oct 21 2021 12:45:00 PM	0.087	0.016	0.016	0.017
Oct 21 2021 12:46:00 PM	0.079	0.017	0.017	0.017
Oct 21 2021 12:47:00 PM	0.018	0.017	0.047	0.017
Oct 21 2021 12:48:00 PM	0.018	0.017	0.038	0.017
Oct 21 2021 12:49:00 PM	0.035	0.017	0.05	0.017
Oct 21 2021 12:50:00 PM	0.039	0.017	0.106	0.017
Oct 21 2021 12:51:00 PM	0.051	0.017	0.039	0.018
Oct 21 2021 12:52:00 PM	0.02	0.017	0.027	0.018
Oct 21 2021 12:53:00 PM	0.026	0.017	0.03	0.018
Oct 21 2021 12:54:00 PM	0.018	0.017	0.021	0.018
Oct 21 2021 12:55:00 PM	0.022	0.017	0.019	0.018
Oct 21 2021 12:56:00 PM	0.022	0.017	0.025	0.018
Oct 21 2021 12:57:00 PM	0.014	0.017	0.056	0.018
Oct 21 2021 12:58:00 PM	0.013	0.017	0.017	0.018
Oct 21 2021 12:59:00 PM	0.014	0.017	0.017	0.018
Oct 21 2021 1:00:00 PM	0.013	0.017	0.027	0.018
Oct 21 2021 1:01:00 PM	0.013	0.017	0.049	0.018
Oct 21 2021 1:02:00 PM	0.013	0.017	0.018	0.018
Oct 21 2021 1:03:00 PM	0.013	0.017	0.015	0.018
Oct 21 2021 1:04:00 PM	0.013	0.017	0.015	0.018
Oct 21 2021 1:05:00 PM	0.012	0.018	0.015	0.018
Oct 21 2021 1:06:00 PM	0.013	0.018	0.016	0.018
Oct 21 2021 1:07:00 PM	0.012	0.018	0.023	0.018
Oct 21 2021 1:08:00 PM	0.013	0.018	0.106	0.019
Oct 21 2021 1:09:00 PM	0.016	0.018	0.022	0.019
Oct 21 2021 1:10:00 PM	0.014	0.018	0.015	0.019
Oct 21 2021 1:11:00 PM	0.014	0.018	0.016	0.019
Oct 21 2021 1:12:00 PM	0.023	0.018	0.016	0.019
Oct 21 2021 1:13:00 PM	0.015	0.018	0.024	0.019
Oct 21 2021 1:14:00 PM	0.019	0.018	0.016	0.019

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 1:15:00 PM	0.04	0.018	0.02	0.019
Oct 21 2021 1:16:00 PM	0.022	0.018	0.015	0.019
Oct 21 2021 1:17:00 PM	0.169	0.018	0.025	0.019
Oct 21 2021 1:18:00 PM	0.025	0.018	0.021	0.019
Oct 21 2021 1:19:00 PM	0.017	0.018	0.015	0.019
Oct 21 2021 1:20:00 PM	0.054	0.018	0.015	0.019
Oct 21 2021 1:21:00 PM	0.023	0.019	0.016	0.019
Oct 21 2021 1:22:00 PM	0.024	0.019	0.015	0.019
Oct 21 2021 1:23:00 PM	0.041	0.019	0.018	0.019
Oct 21 2021 1:24:00 PM	0.021	0.019	0.021	0.019
Oct 21 2021 1:25:00 PM	0.015	0.019	0.025	0.019
Oct 21 2021 1:26:00 PM	0.014	0.019	0.017	0.019
Oct 21 2021 1:27:00 PM	0.014	0.019	0.018	0.019
Oct 21 2021 1:28:00 PM	0.013	0.019	0.015	0.019
Oct 21 2021 1:29:00 PM	0.084	0.019	0.02	0.019
Oct 21 2021 1:30:00 PM	0.058	0.019	0.021	0.02
Oct 21 2021 1:31:00 PM	0.913	0.019	0.02	0.02
Oct 21 2021 1:32:00 PM	0.041	0.021	0.013	0.02
Oct 21 2021 1:33:00 PM	0.022	0.021	0.016	0.02
Oct 21 2021 1:34:00 PM	0.06	0.021	0.025	0.02
Oct 21 2021 1:35:00 PM	0.389	0.021	0.019	0.02
Oct 21 2021 1:36:00 PM	0.042	0.022	0.016	0.02
Oct 21 2021 1:37:00 PM	0.014	0.022	0.018	0.02
Oct 21 2021 1:38:00 PM	0.014	0.022	0.015	0.02
Oct 21 2021 1:39:00 PM	0.017	0.022	0.014	0.02
Oct 21 2021 1:40:00 PM	0.015	0.022	0.018	0.02
Oct 21 2021 1:41:00 PM	0.02	0.022	0.014	0.02
Oct 21 2021 1:42:00 PM	0.016	0.022	0.015	0.02
Oct 21 2021 1:43:00 PM	0.014	0.022	0.017	0.02
Oct 21 2021 1:44:00 PM	0.014	0.022	0.016	0.02
Oct 21 2021 1:45:00 PM	0.013	0.023	0.016	0.02
Oct 21 2021 1:46:00 PM	0.016	0.023	0.02	0.02
Oct 21 2021 1:47:00 PM	0.017	0.023	0.042	0.02
Oct 21 2021 1:48:00 PM	0.024	0.023	0.033	0.02
Oct 21 2021 1:49:00 PM	0.056	0.023	0.02	0.02
Oct 21 2021 1:50:00 PM	0.019	0.023	0.015	0.02
Oct 21 2021 1:51:00 PM	0.026	0.023	0.016	0.02
Oct 21 2021 1:52:00 PM	0.021	0.023	0.016	0.02
Oct 21 2021 1:53:00 PM	0.034	0.023	0.015	0.02
Oct 21 2021 1:54:00 PM	0.026	0.021	0.03	0.02
Oct 21 2021 1:55:00 PM	0.015	0.023	0.016	0.02
Oct 21 2021 1:56:00 PM	0.017	0.023	0.017	0.021
Oct 21 2021 1:57:00 PM	0.023	0.023	0.016	0.021
Oct 21 2021 1:58:00 PM	0.016	0.023	0.017	0.021
Oct 21 2021 1:59:00 PM	0.02	0.023	0.016	0.021
Oct 21 2021 2:00:00 PM	0.025	0.023	0.014	0.021
Oct 21 2021 2:01:00 PM	0.024	0.023	0.016	0.021
Oct 21 2021 2:02:00 PM	0.046	0.023	0.042	0.021
Oct 21 2021 2:03:00 PM	0.044	0.023	0.016	0.021
Oct 21 2021 2:04:00 PM	0.018	0.024	0.018	0.021
Oct 21 2021 2:05:00 PM	0.016	0.024	0.016	0.021
Oct 21 2021 2:06:00 PM	0.015	0.024	0.015	0.021

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 21 2021 2:07:00 PM	0.015	0.024	0.015	0.021
Oct 21 2021 2:08:00 PM	0.016	0.024	0.015	0.021
Oct 21 2021 2:09:00 PM	0.018	0.024	0.019	0.021
Oct 21 2021 2:10:00 PM	0.02	0.024	0.017	0.021
Oct 21 2021 2:11:00 PM	0.044	0.024	0.015	0.021
Oct 21 2021 2:12:00 PM	0.013	0.024	0.015	0.021
Oct 21 2021 2:13:00 PM	0.02	0.024	0.014	0.021
Oct 21 2021 2:14:00 PM	0.036	0.024	0.014	0.021
Oct 21 2021 2:15:00 PM	0.049	0.024	0.018	0.021
Oct 21 2021 2:16:00 PM	0.018	0.024	0.04	0.021
Oct 21 2021 2:17:00 PM	0.032	0.024	0.034	0.021
Oct 21 2021 2:18:00 PM	0.019	0.024	0.017	0.021
Oct 21 2021 2:19:00 PM	0.014	0.024	0.016	0.021
Oct 21 2021 2:20:00 PM	0.014	0.024	0.022	0.021
Oct 21 2021 2:21:00 PM	0.014	0.024	0.037	0.022
Oct 21 2021 2:22:00 PM	0.017	0.024	0.015	0.022
Oct 21 2021 2:23:00 PM	0.035	0.024	0.014	0.022
Oct 21 2021 2:24:00 PM	0.021	0.024	0.014	0.022
Oct 21 2021 2:25:00 PM	0.017	0.024	0.065	0.022
Oct 21 2021 2:26:00 PM	0.019	0.025	0.022	0.022
Oct 21 2021 2:27:00 PM	0.017	0.025	0.015	0.022
Oct 21 2021 2:28:00 PM	0.015	0.025	0.022	0.022
Oct 21 2021 2:29:00 PM	0.016	0.025	0.016	0.022
Oct 21 2021 2:30:00 PM	0.014	0.025	0.014	0.022
Oct 21 2021 2:31:00 PM	0.015	0.025	0.021	0.022
Oct 21 2021 2:32:00 PM	0.015	0.025	0.016	0.022
Oct 21 2021 2:33:00 PM	0.015	0.025	0.015	0.022
Oct 21 2021 2:34:00 PM	0.017	0.025	0.016	0.022
Oct 21 2021 2:35:00 PM	0.022	0.025	0.023	0.022
Oct 21 2021 2:36:00 PM	0.013	0.025	0.022	0.022
Oct 21 2021 2:37:00 PM	0.013	0.025	0.019	0.022
Oct 21 2021 2:38:00 PM	0.014	0.025	0.02	0.022
Oct 21 2021 2:39:00 PM	0.014	0.025	0.016	0.022
Oct 21 2021 2:40:00 PM	0.014	0.025	0.018	0.022
Oct 21 2021 2:41:00 PM	0.018	0.025	0.021	0.022
Oct 21 2021 2:42:00 PM	0.028	0.025	0.016	0.022
Oct 21 2021 2:43:00 PM	0.029	0.025	0.014	0.022
Oct 21 2021 2:44:00 PM	0.023	0.025	0.016	0.023
Oct 21 2021 2:45:00 PM	0.018	0.025	0.016	0.023
Oct 21 2021 2:46:00 PM	0.014		0.016	0.023
Oct 21 2021 2:47:00 PM	0.016		0.039	0.023
Oct 21 2021 2:48:00 PM	0.018		0.016	0.023
Oct 21 2021 2:49:00 PM	0.014		0.016	0.023
Oct 21 2021 2:50:00 PM	0.022		0.019	0.023
Oct 21 2021 2:51:00 PM	0.021	0.025	0.032	0.023
Oct 21 2021 2:52:00 PM	0.026	0.025	0.018	0.023
Oct 21 2021 2:53:00 PM	0.018		0.021	0.023
Oct 21 2021 2:54:00 PM	0.018		0.067	0.023
Oct 21 2021 2:55:00 PM	0.017		0.022	
Oct 21 2021 2:56:00 PM	0.016		0.018	
Oct 21 2021 2:57:00 PM	0.025			
Oct 21 2021 2:58:00 PM				

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 22 2021 6:23:00 AM				
Oct 22 2021 6:24:00 AM			0.053	0.023
Oct 22 2021 6:25:00 AM	0	0	0.053	0.023
Oct 22 2021 6:26:00 AM	0	0	0.053	0.023
Oct 22 2021 6:27:00 AM	0	0	0.053	0.023
Oct 22 2021 6:28:00 AM	0	0	0.053	0.023
Oct 22 2021 6:29:00 AM	0	0	0.053	0.023
Oct 22 2021 6:30:00 AM	0	0	0.053	0.023
Oct 22 2021 6:31:00 AM	0	0	0.053	0.023
Oct 22 2021 6:32:00 AM	0	0	0.053	0.023
Oct 22 2021 6:33:00 AM	0	0	0.053	0.023
Oct 22 2021 6:34:00 AM	0	0	0.053	0.023
Oct 22 2021 6:35:00 AM	0	0	0.053	0.023
Oct 22 2021 6:36:00 AM	0	0	0.053	0.023
Oct 22 2021 6:37:00 AM	0	0	0.053	0.023
Oct 22 2021 6:38:00 AM	0	0	0.053	0.023
Oct 22 2021 6:39:00 AM	0	0	0.053	0.023
Oct 22 2021 6:40:00 AM	0	0	0.053	0.023
Oct 22 2021 6:41:00 AM	0	0	0.053	0.023
Oct 22 2021 6:42:00 AM	0	0	0.053	0.023
Oct 22 2021 6:43:00 AM	0	0	0.053	0.023
Oct 22 2021 6:44:00 AM	0	0	0.053	0.023
Oct 22 2021 6:45:00 AM	0	0	0.053	0.023
Oct 22 2021 6:46:00 AM	0	0	0.053	0.023
Oct 22 2021 6:47:00 AM	0	0	0.053	0.023
Oct 22 2021 6:48:00 AM	0	0	0.053	0.023
Oct 22 2021 6:49:00 AM	0	0	0.053	0.023
Oct 22 2021 6:50:00 AM	0	0	0.053	0.023
Oct 22 2021 6:51:00 AM	0	0	0.053	0.023
Oct 22 2021 6:52:00 AM	0	0	0.053	0.023
Oct 22 2021 6:53:00 AM	0	0	0.053	0.023
Oct 22 2021 6:54:00 AM	0	0	0.053	0.023
Oct 22 2021 6:55:00 AM	0	0	0.053	0.023
Oct 22 2021 6:56:00 AM	0	0	0.053	0.023
Oct 22 2021 6:57:00 AM	0	0	0.053	0.023
Oct 22 2021 6:58:00 AM	0	0	0.053	0.023
Oct 22 2021 6:59:00 AM	0	0	0.053	0.023
Oct 22 2021 7:00:00 AM	0	0	0.053	0.023
Oct 22 2021 7:01:00 AM	0	0	0.053	0.023
Oct 22 2021 7:02:00 AM	0	0	0.053	0.023
Oct 22 2021 7:03:00 AM	0	0	0.053	0.023
Oct 22 2021 7:04:00 AM	0	0	0.053	0.023
Oct 22 2021 7:05:00 AM	0.008	0	0.053	0.023
Oct 22 2021 7:06:00 AM	0.019	0	0.053	0.023
Oct 22 2021 7:07:00 AM	0.019	0	0.053	0.023
Oct 22 2021 7:08:00 AM	0.019	0	0.053	0.023
Oct 22 2021 7:09:00 AM	0.019	0	0.053	0.023
Oct 22 2021 7:10:00 AM	0.018	0	0.053	0.023
Oct 22 2021 7:11:00 AM	0.018	0	0.053	0.023
Oct 22 2021 7:12:00 AM	0.019	0	0.053	0.023
Oct 22 2021 7:13:00 AM	0.019	0	0.023	0.021
Oct 22 2021 7:14:00 AM	0.019	0	0.019	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 7:15:00 AM	0.018	0	0.02	0
Oct 22 2021 7:16:00 AM	0.019	0	0.019	0
Oct 22 2021 7:17:00 AM	0.018	0	0.021	0
Oct 22 2021 7:18:00 AM	0.018	0	0.022	0
Oct 22 2021 7:19:00 AM	0.019	0	0.019	0
Oct 22 2021 7:20:00 AM	0.019	0	0.02	0
Oct 22 2021 7:21:00 AM	0.018	0.001	0.019	0
Oct 22 2021 7:22:00 AM	0.018	0.001	0.018	0
Oct 22 2021 7:23:00 AM	0.019	0.001	0.019	0
Oct 22 2021 7:24:00 AM	0.019	0.001	0.019	0
Oct 22 2021 7:25:00 AM	0.018	0.001	0.019	0
Oct 22 2021 7:26:00 AM	0.019	0.001	0.02	0
Oct 22 2021 7:27:00 AM	0.019	0.001	0.019	0
Oct 22 2021 7:28:00 AM	0.019	0.001	0.02	0.001
Oct 22 2021 7:29:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:30:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:31:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:32:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:33:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:34:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:35:00 AM	0.019	0.001	0.024	0.001
Oct 22 2021 7:36:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:37:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:38:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:39:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:40:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:41:00 AM	0.019	0.001	0.019	0.001
Oct 22 2021 7:42:00 AM	0.019	0.001	0.02	0.001
Oct 22 2021 7:43:00 AM	0.019	0.001	0.021	0.001
Oct 22 2021 7:44:00 AM	0.019	0.001	0.021	0.001
Oct 22 2021 7:45:00 AM	0.019	0.002	0.022	0.001
Oct 22 2021 7:46:00 AM	0.019	0.002	0.023	0.001
Oct 22 2021 7:47:00 AM	0.019	0.002	0.023	0.001
Oct 22 2021 7:48:00 AM	0.019	0.002	0.036	0.001
Oct 22 2021 7:49:00 AM	0.019	0.002	0.024	0.002
Oct 22 2021 7:50:00 AM	0.019	0.002	0.021	0.002
Oct 22 2021 7:51:00 AM	0.019	0.002	0.02	0.002
Oct 22 2021 7:52:00 AM	0.019	0.002	0.019	0.002
Oct 22 2021 7:53:00 AM	0.019	0.002	0.02	0.002
Oct 22 2021 7:54:00 AM	0.019	0.002	0.02	0.002
Oct 22 2021 7:55:00 AM	0.019	0.002	0.019	0.002
Oct 22 2021 7:56:00 AM	0.019	0.002	0.023	0.002
Oct 22 2021 7:57:00 AM	0.019	0.002	0.021	0.002
Oct 22 2021 7:58:00 AM	0.019	0.002	0.02	0.002
Oct 22 2021 7:59:00 AM	0.019	0.002	0.021	0.002
Oct 22 2021 8:00:00 AM	0.018	0.002	0.02	0.002
Oct 22 2021 8:01:00 AM	0.018	0.002	0.02	0.002
Oct 22 2021 8:02:00 AM	0.018	0.002	0.021	0.002
Oct 22 2021 8:03:00 AM	0.018	0.002	0.023	0.002
Oct 22 2021 8:04:00 AM	0.018	0.002	0.024	0.002
Oct 22 2021 8:05:00 AM	0.018	0.002	0.024	0.002
Oct 22 2021 8:06:00 AM	0.018	0.002	0.025	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 8:07:00 AM	0.018	0.002	0.02	0.002
Oct 22 2021 8:08:00 AM	0.018	0.002	0.022	0.002
Oct 22 2021 8:09:00 AM	0.018	0.002	0.019	0.002
Oct 22 2021 8:10:00 AM	0.018	0.002	0.02	0.002
Oct 22 2021 8:11:00 AM	0.018	0.003	0.02	0.002
Oct 22 2021 8:12:00 AM	0.018	0.003	0.024	0.003
Oct 22 2021 8:13:00 AM	0.018	0.003	0.021	0.003
Oct 22 2021 8:14:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:15:00 AM	0.018	0.003	0.02	0.003
Oct 22 2021 8:16:00 AM	0.018	0.003	0.019	0.003
Oct 22 2021 8:17:00 AM	0.018	0.003	0.021	0.003
Oct 22 2021 8:18:00 AM	0.018	0.003	0.02	0.003
Oct 22 2021 8:19:00 AM	0.018	0.003	0.021	0.003
Oct 22 2021 8:20:00 AM	0.018	0.003	0.021	0.003
Oct 22 2021 8:21:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:22:00 AM	0.018	0.003	0.02	0.003
Oct 22 2021 8:23:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:24:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:25:00 AM	0.018	0.003	0.02	0.003
Oct 22 2021 8:26:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:27:00 AM	0.018	0.003	0.022	0.003
Oct 22 2021 8:28:00 AM	0.017	0.003	0.021	0.003
Oct 22 2021 8:29:00 AM	0.017	0.003	0.031	0.003
Oct 22 2021 8:30:00 AM	0.017	0.003	0.019	0.003
Oct 22 2021 8:31:00 AM	0.017	0.003	0.062	0.003
Oct 22 2021 8:32:00 AM	0.017	0.003	0.151	0.004
Oct 22 2021 8:33:00 AM	0.018	0.003	0.023	0.004
Oct 22 2021 8:34:00 AM	0.018	0.003	0.021	0.004
Oct 22 2021 8:35:00 AM	0.018	0.003	0.02	0.004
Oct 22 2021 8:36:00 AM	0.017	0.003	0.018	0.004
Oct 22 2021 8:37:00 AM	0.017	0.003	0.018	0.004
Oct 22 2021 8:38:00 AM	0.018	0.004	0.018	0.004
Oct 22 2021 8:39:00 AM	0.017	0.004	0.025	0.004
Oct 22 2021 8:40:00 AM	0.018	0.004	0.026	0.004
Oct 22 2021 8:41:00 AM	0.018	0.004	0.023	0.004
Oct 22 2021 8:42:00 AM	0.018	0.004	0.018	0.004
Oct 22 2021 8:43:00 AM	0.017	0.004	0.018	0.004
Oct 22 2021 8:44:00 AM	0.017	0.004	0.018	0.004
Oct 22 2021 8:45:00 AM	0.017	0.004	0.017	0.004
Oct 22 2021 8:46:00 AM	0.017	0.004	0.019	0.004
Oct 22 2021 8:47:00 AM	0.017	0.004	0.018	0.004
Oct 22 2021 8:48:00 AM	0.017	0.004	0.017	0.004
Oct 22 2021 8:49:00 AM	0.017	0.004	0.017	0.004
Oct 22 2021 8:50:00 AM	0.017	0.004	0.017	0.005
Oct 22 2021 8:51:00 AM	0.016	0.004	0.017	0.005
Oct 22 2021 8:52:00 AM	0.016	0.004	0.017	0.005
Oct 22 2021 8:53:00 AM	0.016	0.004	0.025	0.005
Oct 22 2021 8:54:00 AM	0.016	0.004	0.023	0.005
Oct 22 2021 8:55:00 AM	0.016	0.004	0.019	0.005
Oct 22 2021 8:56:00 AM	0.016	0.004	0.017	0.005
Oct 22 2021 8:57:00 AM	0.016	0.004	0.016	0.005
Oct 22 2021 8:58:00 AM	0.016	0.004	0.02	0.005



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 8:59:00 AM	0.016	0.004	0.021	0.005
Oct 22 2021 9:00:00 AM	0.016	0.004	0.018	0.005
Oct 22 2021 9:01:00 AM	0.016	0.004	0.018	0.005
Oct 22 2021 9:02:00 AM	0.016	0.004	0.017	0.005
Oct 22 2021 9:03:00 AM	0.016	0.004	0.015	0.005
Oct 22 2021 9:04:00 AM	0.016	0.004	0.015	0.005
Oct 22 2021 9:05:00 AM	0.016	0.004	0.015	0.005
Oct 22 2021 9:06:00 AM	0.015	0.004	0.015	0.005
Oct 22 2021 9:07:00 AM	0.015	0.005	0.015	0.005
Oct 22 2021 9:08:00 AM	0.015	0.005	0.015	0.005
Oct 22 2021 9:09:00 AM	0.015	0.005	0.016	0.005
Oct 22 2021 9:10:00 AM	0.015	0.005	0.015	0.005
Oct 22 2021 9:11:00 AM	0.015	0.005	0.015	0.005
Oct 22 2021 9:12:00 AM	0.015	0.005	0.015	0.005
Oct 22 2021 9:13:00 AM	0.015	0.005	0.019	0.005
Oct 22 2021 9:14:00 AM	0.015	0.005	0.032	0.005
Oct 22 2021 9:15:00 AM	0.015	0.005	0.026	0.005
Oct 22 2021 9:16:00 AM	0.015	0.005	0.026	0.006
Oct 22 2021 9:17:00 AM	0.017	0.005	0.017	0.006
Oct 22 2021 9:18:00 AM	0.015	0.005	0.017	0.006
Oct 22 2021 9:19:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:20:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:21:00 AM	0.014	0.005	0.018	0.006
Oct 22 2021 9:22:00 AM	0.014	0.005	0.017	0.006
Oct 22 2021 9:23:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:24:00 AM	0.015	0.005	0.015	0.006
Oct 22 2021 9:25:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:26:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:27:00 AM	0.014	0.005	0.015	0.006
Oct 22 2021 9:28:00 AM	0.014	0.005	0.013	0.006
Oct 22 2021 9:29:00 AM	0.014	0.005	0.021	0.006
Oct 22 2021 9:30:00 AM	0.014	0.005	0.018	0.006
Oct 22 2021 9:31:00 AM	0.014	0.005	0.016	0.006
Oct 22 2021 9:32:00 AM	0.013	0.005	0.037	0.006
Oct 22 2021 9:33:00 AM	0.013	0.005	0.021	0.006
Oct 22 2021 9:34:00 AM	0.012	0.005	0.017	0.006
Oct 22 2021 9:35:00 AM	0.013	0.005	0.021	0.006
Oct 22 2021 9:36:00 AM	0.012	0.005	0.017	0.006
Oct 22 2021 9:37:00 AM	0.012	0.005	0.012	0.006
Oct 22 2021 9:38:00 AM	0.012	0.005	0.023	0.006
Oct 22 2021 9:39:00 AM	0.011	0.005	0.053	0.006
Oct 22 2021 9:40:00 AM	0.011	0.006	0.019	0.006
Oct 22 2021 9:41:00 AM	0.011	0.006	0.015	0.007
Oct 22 2021 9:42:00 AM	0.011	0.006	0.016	0.007
Oct 22 2021 9:43:00 AM	0.011	0.006	0.025	0.007
Oct 22 2021 9:44:00 AM	0.011	0.006	0.031	0.007
Oct 22 2021 9:45:00 AM	0.011	0.006	0.016	0.007
Oct 22 2021 9:46:00 AM	0.011	0.006	0.02	0.007
Oct 22 2021 9:47:00 AM	0.011	0.006	0.014	0.007
Oct 22 2021 9:48:00 AM	0.011	0.006	0.012	0.007
Oct 22 2021 9:49:00 AM	0.011	0.006	0.012	0.007
Oct 22 2021 9:50:00 AM	0.011	0.006	0.012	0.007

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 9:51:00 AM	0.011	0.006	0.011	0.007
Oct 22 2021 9:52:00 AM	0.01	0.006	0.012	0.007
Oct 22 2021 9:53:00 AM	0.011	0.006	0.018	0.007
Oct 22 2021 9:54:00 AM	0.011	0.006	0.021	0.007
Oct 22 2021 9:55:00 AM	0.011	0.006	0.016	0.007
Oct 22 2021 9:56:00 AM	0.011	0.006	0.022	0.007
Oct 22 2021 9:57:00 AM	0.011	0.006	0.02	0.007
Oct 22 2021 9:58:00 AM	0.011	0.006	0.019	0.007
Oct 22 2021 9:59:00 AM	0.011	0.006	0.019	0.007
Oct 22 2021 10:00:00 AM	0.01	0.006	0.086	0.007
Oct 22 2021 10:01:00 AM	0.01	0.006	0.014	0.007
Oct 22 2021 10:02:00 AM	0.01	0.006	0.011	0.007
Oct 22 2021 10:03:00 AM	0.01	0.006	0.017	0.007
Oct 22 2021 10:04:00 AM	0.011	0.006	0.013	0.007
Oct 22 2021 10:05:00 AM	0.015	0.006	0.017	0.008
Oct 22 2021 10:06:00 AM	0.01	0.006	0.015	0.008
Oct 22 2021 10:07:00 AM	0.01	0.006	0.024	0.008
Oct 22 2021 10:08:00 AM	0.009	0.006	0.025	0.008
Oct 22 2021 10:09:00 AM	0.009	0.006	0.015	0.008
Oct 22 2021 10:10:00 AM	0.01	0.006	0.012	0.008
Oct 22 2021 10:11:00 AM	0.01	0.006	0.021	0.008
Oct 22 2021 10:12:00 AM	0.009	0.006	0.015	0.008
Oct 22 2021 10:13:00 AM	0.009	0.006	0.016	0.008
Oct 22 2021 10:14:00 AM	0.009	0.006	0.018	0.008
Oct 22 2021 10:15:00 AM	0.01	0.006	0.021	0.008
Oct 22 2021 10:16:00 AM	0.009	0.006	0.016	0.008
Oct 22 2021 10:17:00 AM	0.01	0.006	0.019	0.008
Oct 22 2021 10:18:00 AM	0.009	0.006	0.016	0.008
Oct 22 2021 10:19:00 AM	0.009	0.006	0.02	0.008
Oct 22 2021 10:20:00 AM	0.009	0.006	0.014	0.008
Oct 22 2021 10:21:00 AM	0.009	0.006	0.013	0.008
Oct 22 2021 10:22:00 AM	0.009	0.006	0.017	0.008
Oct 22 2021 10:23:00 AM	0.009	0.006	0.02	0.008
Oct 22 2021 10:24:00 AM	0.009	0.006	0.014	0.008
Oct 22 2021 10:25:00 AM	0.009	0.006	0.01	0.008
Oct 22 2021 10:26:00 AM	0.009	0.006	0.02	0.008
Oct 22 2021 10:27:00 AM	0.009	0.007	0.011	0.008
Oct 22 2021 10:28:00 AM	0.009	0.007	0.017	0.008
Oct 22 2021 10:29:00 AM	0.009	0.007	0.015	0.008
Oct 22 2021 10:30:00 AM	0.009	0.007	0.018	0.008
Oct 22 2021 10:31:00 AM	0.009	0.007	0.017	0.008
Oct 22 2021 10:32:00 AM	0.009	0.007	0.026	0.008
Oct 22 2021 10:33:00 AM	0.009	0.007	0.024	0.009
Oct 22 2021 10:34:00 AM	0.009	0.007	0.019	0.009
Oct 22 2021 10:35:00 AM	0.009	0.007	0.012	0.009
Oct 22 2021 10:36:00 AM	0.009	0.007	0.011	0.009
Oct 22 2021 10:37:00 AM	0.009	0.007	0.01	0.009
Oct 22 2021 10:38:00 AM	0.009	0.007	0.01	0.009
Oct 22 2021 10:39:00 AM	0.01	0.007	0.01	0.009
Oct 22 2021 10:40:00 AM	0.008	0.007	0.013	0.009
Oct 22 2021 10:41:00 AM	0.009	0.007	0.02	0.009
Oct 22 2021 10:42:00 AM	0.009	0.007	0.013	0.009

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 10:43:00 AM	0.008	0.007	0.014	0.009
Oct 22 2021 10:44:00 AM	0.008	0.007	0.014	0.009
Oct 22 2021 10:45:00 AM	0.008	0.007	0.009	0.009
Oct 22 2021 10:46:00 AM	0.183	0.007	0.01	0.009
Oct 22 2021 10:47:00 AM	0.015	0.007	0.011	0.009
Oct 22 2021 10:48:00 AM	0.009	0.007	0.01	0.009
Oct 22 2021 10:49:00 AM	0.009	0.007	0.023	0.008
Oct 22 2021 10:50:00 AM	0.032	0.007	0.017	0.009
Oct 22 2021 10:51:00 AM	0.008	0.007	0.014	0.009
Oct 22 2021 10:52:00 AM	0.007	0.007	0.013	0.009
Oct 22 2021 10:53:00 AM	0.006	0.007	0.009	0.009
Oct 22 2021 10:54:00 AM	0.007	0.007	0.009	0.009
Oct 22 2021 10:55:00 AM	0.007	0.007	0.008	0.009
Oct 22 2021 10:56:00 AM	0.007	0.007	0.008	0.009
Oct 22 2021 10:57:00 AM	0.006	0.007	0.01	0.009
Oct 22 2021 10:58:00 AM	0.006	0.007	0.014	0.009
Oct 22 2021 10:59:00 AM	0.006	0.007	0.008	0.009
Oct 22 2021 11:00:00 AM	0.006	0.008	0.008	0.009
Oct 22 2021 11:01:00 AM	0.006	0.008	0.008	0.009
Oct 22 2021 11:02:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:03:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:04:00 AM	0.006	0.008	0.008	0.009
Oct 22 2021 11:05:00 AM	0.007	0.008	0.008	0.009
Oct 22 2021 11:06:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:07:00 AM	0.006	0.008	0.016	0.009
Oct 22 2021 11:08:00 AM	0.006	0.008	0.009	0.009
Oct 22 2021 11:09:00 AM	0.006	0.008	0.008	0.009
Oct 22 2021 11:10:00 AM	0.006	0.008	0.008	0.009
Oct 22 2021 11:11:00 AM	0.006	0.008	0.009	0.009
Oct 22 2021 11:12:00 AM	0.007	0.008	0.008	0.009
Oct 22 2021 11:13:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:14:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:15:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:16:00 AM	0.006	0.008	0.007	0.009
Oct 22 2021 11:17:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:18:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:19:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:20:00 AM	0.007	0.008	0.014	0.01
Oct 22 2021 11:21:00 AM	0.006	0.008	0.027	0.01
Oct 22 2021 11:22:00 AM	0.006	0.008	0.015	0.01
Oct 22 2021 11:23:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:24:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:25:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:26:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:27:00 AM	0.006	0.008	0.013	0.01
Oct 22 2021 11:28:00 AM	0.006	0.008	0.016	0.01
Oct 22 2021 11:29:00 AM	0.006	0.008	0.015	0.01
Oct 22 2021 11:30:00 AM	0.006	0.008	0.047	0.01
Oct 22 2021 11:31:00 AM	0.006	0.008	0.034	0.01
Oct 22 2021 11:32:00 AM	0.006	0.008	0.011	0.01
Oct 22 2021 11:33:00 AM	0.006	0.008	0.017	0.01
Oct 22 2021 11:34:00 AM	0.005	0.008	0.017	0.01

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 11:35:00 AM	0.005	0.008	0.018	0.01
Oct 22 2021 11:36:00 AM	0.005	0.008	0.014	0.01
Oct 22 2021 11:37:00 AM	0.005	0.008	0.011	0.01
Oct 22 2021 11:38:00 AM	0.006	0.008	0.008	0.01
Oct 22 2021 11:39:00 AM	0.006	0.008	0.013	0.01
Oct 22 2021 11:40:00 AM	0.006	0.008	0.008	0.01
Oct 22 2021 11:41:00 AM	0.005	0.008	0.007	0.01
Oct 22 2021 11:42:00 AM	0.005	0.008	0.008	0.01
Oct 22 2021 11:43:00 AM	0.005	0.008	0.01	0.01
Oct 22 2021 11:44:00 AM	0.005	0.008	0.008	0.01
Oct 22 2021 11:45:00 AM	0.005	0.008	0.009	0.01
Oct 22 2021 11:46:00 AM	0.005	0.008	0.009	0.01
Oct 22 2021 11:47:00 AM	0.006	0.008	0.008	0.01
Oct 22 2021 11:48:00 AM	0.005	0.008	0.007	0.01
Oct 22 2021 11:49:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:50:00 AM	0.006	0.008	0.008	0.01
Oct 22 2021 11:51:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:52:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:53:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:54:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:55:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:56:00 AM	0.006	0.008	0.007	0.01
Oct 22 2021 11:57:00 AM	0.005	0.008	0.006	0.01
Oct 22 2021 11:58:00 AM	0.006	0.008	0.007	0.011
Oct 22 2021 11:59:00 AM	0.006	0.008	0.008	0.011
Oct 22 2021 12:00:00 PM	0.006	0.008	0.007	0.011
Oct 22 2021 12:01:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:02:00 PM	0.005	0.008	0.006	0.011
Oct 22 2021 12:03:00 PM	0.006	0.008	0.006	0.011
Oct 22 2021 12:04:00 PM	0.007	0.008	0.006	0.011
Oct 22 2021 12:05:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:06:00 PM	0.005	0.008	0.008	0.011
Oct 22 2021 12:07:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:08:00 PM	0.006	0.008	0.007	0.011
Oct 22 2021 12:09:00 PM	0.005	0.008	0.012	0.011
Oct 22 2021 12:10:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:11:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:12:00 PM	0.005	0.008	0.006	0.011
Oct 22 2021 12:13:00 PM	0.006	0.008	0.006	0.011
Oct 22 2021 12:14:00 PM	0.007	0.008	0.006	0.011
Oct 22 2021 12:15:00 PM	0.006	0.008	0.007	0.011
Oct 22 2021 12:16:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:17:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:18:00 PM	0.005	0.008	0.01	0.011
Oct 22 2021 12:19:00 PM	0.005	0.008	0.01	0.011
Oct 22 2021 12:20:00 PM	0.005	0.008	0.006	0.011
Oct 22 2021 12:21:00 PM	0.005	0.008	0.007	0.011
Oct 22 2021 12:22:00 PM	0.004	0.008	0.011	0.011
Oct 22 2021 12:23:00 PM	0.004	0.009	0.008	0.011
Oct 22 2021 12:24:00 PM	0.005	0.009	0.007	0.011
Oct 22 2021 12:25:00 PM	0.005	0.009	0.007	0.011
Oct 22 2021 12:26:00 PM	0.005	0.009	0.021	0.011

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 12:27:00 PM	0.005	0.009	0.012	0.011
Oct 22 2021 12:28:00 PM	0.004	0.009	0.018	0.011
Oct 22 2021 12:29:00 PM	0.005	0.009	0.009	0.011
Oct 22 2021 12:30:00 PM	0.005	0.009	0.012	0.011
Oct 22 2021 12:31:00 PM	0.005	0.009	0.009	0.011
Oct 22 2021 12:32:00 PM	0.004	0.009	0.035	0.011
Oct 22 2021 12:33:00 PM	0.004	0.009	0.012	0.011
Oct 22 2021 12:34:00 PM	0.005	0.009	0.007	0.011
Oct 22 2021 12:35:00 PM	0.029	0.009	0.007	0.011
Oct 22 2021 12:36:00 PM	0.005	0.009	0.006	0.011
Oct 22 2021 12:37:00 PM	0.007	0.009	0.007	0.011
Oct 22 2021 12:38:00 PM	0.013	0.009	0.007	0.011
Oct 22 2021 12:39:00 PM	0.004	0.009	0.015	0.011
Oct 22 2021 12:40:00 PM	0.004	0.009	0.035	0.011
Oct 22 2021 12:41:00 PM	0.004	0.009	0.013	0.011
Oct 22 2021 12:42:00 PM	0.004	0.009	0.01	0.011
Oct 22 2021 12:43:00 PM	0.004	0.009	0.009	0.011
Oct 22 2021 12:44:00 PM	0.005	0.009	0.01	0.011
Oct 22 2021 12:45:00 PM	0.004	0.009	0.01	0.011
Oct 22 2021 12:46:00 PM	0.004	0.009	0.006	0.011
Oct 22 2021 12:47:00 PM	0.004	0.009	0.039	0.012
Oct 22 2021 12:48:00 PM	0.004	0.009	0.018	0.012
Oct 22 2021 12:49:00 PM	0.005	0.009	0.007	0.012
Oct 22 2021 12:50:00 PM	0.004	0.009	0.01	0.012
Oct 22 2021 12:51:00 PM	0.004	0.009	0.016	0.012
Oct 22 2021 12:52:00 PM	0.004	0.009	0.008	0.012
Oct 22 2021 12:53:00 PM	0.004	0.009	0.007	0.012
Oct 22 2021 12:54:00 PM	0.004	0.009	0.008	0.012
Oct 22 2021 12:55:00 PM	0.004	0.009	0.012	0.012
Oct 22 2021 12:56:00 PM	0.004	0.009	0.007	0.012
Oct 22 2021 12:57:00 PM	0.003	0.009	0.007	0.012
Oct 22 2021 12:58:00 PM	0.003	0.009	0.012	0.012
Oct 22 2021 12:59:00 PM	0.003	0.009	0.009	0.012
Oct 22 2021 1:00:00 PM	0.005	0.009	0.006	0.012
Oct 22 2021 1:01:00 PM	0.003	0.009	0.007	0.012
Oct 22 2021 1:02:00 PM	0.004	0.009	0.007	0.012
Oct 22 2021 1:03:00 PM	0.003	0.009	0.007	0.012
Oct 22 2021 1:04:00 PM	0.003	0.009	0.009	0.012
Oct 22 2021 1:05:00 PM	0.003	0.009	0.007	0.012
Oct 22 2021 1:06:00 PM	0.003	0.009	0.007	0.012
Oct 22 2021 1:07:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:08:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:09:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:10:00 PM	0.004	0.009	0.008	0.012
Oct 22 2021 1:11:00 PM	0.004	0.009	0.007	0.012
Oct 22 2021 1:12:00 PM	0.003	0.009	0.008	0.012
Oct 22 2021 1:13:00 PM	0.004	0.009	0.007	0.012
Oct 22 2021 1:14:00 PM	0.004	0.009	0.005	0.012
Oct 22 2021 1:15:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:16:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:17:00 PM	0.004	0.009	0.008	0.012
Oct 22 2021 1:18:00 PM	0.004	0.009	0.006	0.012

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 22 2021 1:19:00 PM	0.004	0.009	0.006	0.012
Oct 22 2021 1:20:00 PM	0.004	0.009	0.005	0.012
Oct 22 2021 1:21:00 PM	0.004	0.009	0.005	0.012
Oct 22 2021 1:22:00 PM	0.004	0.009	0.005	0.012
Oct 22 2021 1:23:00 PM	0.146	0.009	0.009	0.012
Oct 22 2021 1:24:00 PM	0.392	0.009	0.008	0.012
Oct 22 2021 1:25:00 PM	0.369	0.01	0.009	0.012
Oct 22 2021 1:26:00 PM	0.199	0.011	0.142	0.012
Oct 22 2021 1:27:00 PM	0.102	0.011	0.117	0.012
Oct 22 2021 1:28:00 PM	0.026		0.057	
Oct 22 2021 1:29:00 PM				
Oct 25 2021 7:23:00 AM			0.01	0.013
Oct 25 2021 7:24:00 AM			0.01	0.013
Oct 25 2021 7:25:00 AM			0.01	0.013
Oct 25 2021 7:26:00 AM			0.009	0.012
Oct 25 2021 7:27:00 AM	0	0	0.034	0.013
Oct 25 2021 7:28:00 AM	0.021	0	0.02	0
Oct 25 2021 7:29:00 AM	0.022	0	0.02	0
Oct 25 2021 7:30:00 AM	0.02	0	0.02	0
Oct 25 2021 7:31:00 AM	0.019	0	0.018	0
Oct 25 2021 7:32:00 AM	0.018	0	0.017	0
Oct 25 2021 7:33:00 AM	0.017	0	0.016	0
Oct 25 2021 7:34:00 AM	0.018	0	0.017	0
Oct 25 2021 7:35:00 AM	0.019	0	0.019	0
Oct 25 2021 7:36:00 AM	0.02	0	0.02	0
Oct 25 2021 7:37:00 AM	0.019	0	0.018	0
Oct 25 2021 7:38:00 AM	0.019	0	0.018	0
Oct 25 2021 7:39:00 AM	0.019	0	0.019	0
Oct 25 2021 7:40:00 AM	0.019	0	0.02	0
Oct 25 2021 7:41:00 AM	0.019	0	0.021	0
Oct 25 2021 7:42:00 AM	0.019	0	0.019	0.001
Oct 25 2021 7:43:00 AM	0.019	0.001	0.019	0.001
Oct 25 2021 7:44:00 AM	0.019	0.001	0.019	0.001
Oct 25 2021 7:45:00 AM	0.019	0.001	0.019	0.001
Oct 25 2021 7:46:00 AM	0.019	0.001	0.018	0.001
Oct 25 2021 7:47:00 AM	0.018	0.001	0.018	0.001
Oct 25 2021 7:48:00 AM	0.019	0.001	0.018	0.001
Oct 25 2021 7:49:00 AM	0.02	0.001	0.019	0.001
Oct 25 2021 7:50:00 AM	0.02	0.001	0.02	0.001
Oct 25 2021 7:51:00 AM	0.021	0.001	0.02	0.001
Oct 25 2021 7:52:00 AM	0.021	0.001	0.023	0.001
Oct 25 2021 7:53:00 AM	0.02	0.001	0.022	0.001
Oct 25 2021 7:54:00 AM	0.019	0.001	0.02	0.001
Oct 25 2021 7:55:00 AM	0.019	0.001	0.02	0.001
Oct 25 2021 7:56:00 AM	0.02	0.001	0.021	0.001
Oct 25 2021 7:57:00 AM	0.02	0.001	0.02	0.001
Oct 25 2021 7:58:00 AM	0.019	0.001	0.02	0.001
Oct 25 2021 7:59:00 AM	0.019	0.001	0.024	0.001
Oct 25 2021 8:00:00 AM	0.019	0.001	0.03	0.001
Oct 25 2021 8:01:00 AM	0.019	0.001	0.07	0.001
Oct 25 2021 8:02:00 AM	0.018	0.001	0.025	0.002
Oct 25 2021 8:03:00 AM	0.018	0.001	0.021	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 8:04:00 AM	0.018	0.001	0.02	0.002
Oct 25 2021 8:05:00 AM	0.018	0.001	0.019	0.002
Oct 25 2021 8:06:00 AM	0.019	0.001	0.019	0.002
Oct 25 2021 8:07:00 AM	0.019	0.002	0.019	0.002
Oct 25 2021 8:08:00 AM	0.019	0.002	0.02	0.002
Oct 25 2021 8:09:00 AM	0.019	0.002	0.019	0.002
Oct 25 2021 8:10:00 AM	0.019	0.002	0.02	0.002
Oct 25 2021 8:11:00 AM	0.019	0.002	0.02	0.002
Oct 25 2021 8:12:00 AM	0.019	0.002	0.02	0.002
Oct 25 2021 8:13:00 AM	0.019	0.002	0.019	0.002
Oct 25 2021 8:14:00 AM	0.019	0.002	0.019	0.002
Oct 25 2021 8:15:00 AM	0.019	0.002	0.02	0.002
Oct 25 2021 8:16:00 AM	0.02	0.002	0.021	0.002
Oct 25 2021 8:17:00 AM	0.021	0.002	0.022	0.002
Oct 25 2021 8:18:00 AM	0.021	0.002	0.022	0.002
Oct 25 2021 8:19:00 AM	0.02	0.002	0.022	0.002
Oct 25 2021 8:20:00 AM	0.021	0.002	0.021	0.002
Oct 25 2021 8:21:00 AM	0.022	0.002	0.022	0.002
Oct 25 2021 8:22:00 AM	0.024	0.002	0.023	0.002
Oct 25 2021 8:23:00 AM	0.024	0.002	0.024	0.002
Oct 25 2021 8:24:00 AM	0.022	0.002	0.023	0.003
Oct 25 2021 8:25:00 AM	0.023	0.002	0.022	0.003
Oct 25 2021 8:26:00 AM	0.023	0.002	0.023	0.003
Oct 25 2021 8:27:00 AM	0.022	0.002	0.024	0.003
Oct 25 2021 8:28:00 AM	0.021	0.002	0.023	0.003
Oct 25 2021 8:29:00 AM	0.02	0.003	0.021	0.003
Oct 25 2021 8:30:00 AM	0.02	0.003	0.021	0.003
Oct 25 2021 8:31:00 AM	0.021	0.003	0.023	0.003
Oct 25 2021 8:32:00 AM	0.021	0.003	0.022	0.003
Oct 25 2021 8:33:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:34:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:35:00 AM	0.026	0.003	0.023	0.003
Oct 25 2021 8:36:00 AM	0.027	0.003	0.025	0.003
Oct 25 2021 8:37:00 AM	0.028	0.003	0.026	0.003
Oct 25 2021 8:38:00 AM	0.024	0.003	0.026	0.003
Oct 25 2021 8:39:00 AM	0.022	0.003	0.023	0.003
Oct 25 2021 8:40:00 AM	0.021	0.003	0.022	0.003
Oct 25 2021 8:41:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:42:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:43:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:44:00 AM	0.021	0.003	0.021	0.003
Oct 25 2021 8:45:00 AM	0.021	0.003	0.024	0.003
Oct 25 2021 8:46:00 AM	0.023	0.003	0.022	0.004
Oct 25 2021 8:47:00 AM	0.023	0.003	0.022	0.004
Oct 25 2021 8:48:00 AM	0.024	0.003	0.023	0.004
Oct 25 2021 8:49:00 AM	0.023	0.003	0.022	0.004
Oct 25 2021 8:50:00 AM	0.022	0.003	0.022	0.004
Oct 25 2021 8:51:00 AM	0.022	0.004	0.021	0.004
Oct 25 2021 8:52:00 AM	0.022	0.004	0.022	0.004
Oct 25 2021 8:53:00 AM	0.022	0.004	0.022	0.004
Oct 25 2021 8:54:00 AM	0.022	0.004	0.022	0.004
Oct 25 2021 8:55:00 AM	0.023	0.004	0.022	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 8:56:00 AM	0.024	0.004	0.023	0.004
Oct 25 2021 8:57:00 AM	0.023	0.004	0.023	0.004
Oct 25 2021 8:58:00 AM	0.022	0.004	0.023	0.004
Oct 25 2021 8:59:00 AM	0.022	0.004	0.022	0.004
Oct 25 2021 9:00:00 AM	0.028	0.004	0.024	0.004
Oct 25 2021 9:01:00 AM	0.026	0.004	0.027	0.004
Oct 25 2021 9:02:00 AM	0.024	0.004	0.026	0.004
Oct 25 2021 9:03:00 AM	0.022	0.004	0.023	0.004
Oct 25 2021 9:04:00 AM	0.024	0.004	0.023	0.004
Oct 25 2021 9:05:00 AM	0.025	0.004	0.023	0.004
Oct 25 2021 9:06:00 AM	0.026	0.004	0.024	0.005
Oct 25 2021 9:07:00 AM	0.028	0.004	0.026	0.005
Oct 25 2021 9:08:00 AM	0.026	0.004	0.026	0.005
Oct 25 2021 9:09:00 AM	0.025	0.004	0.026	0.005
Oct 25 2021 9:10:00 AM	0.025	0.004	0.024	0.005
Oct 25 2021 9:11:00 AM	0.023	0.004	0.023	0.005
Oct 25 2021 9:12:00 AM	0.022	0.005	0.023	0.005
Oct 25 2021 9:13:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:14:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:15:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:16:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:17:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:18:00 AM	0.023	0.005	0.024	0.005
Oct 25 2021 9:19:00 AM	0.023	0.005	0.023	0.005
Oct 25 2021 9:20:00 AM	0.024	0.005	0.023	0.005
Oct 25 2021 9:21:00 AM	0.025	0.005	0.024	0.005
Oct 25 2021 9:22:00 AM	0.024	0.005	0.024	0.005
Oct 25 2021 9:23:00 AM	0.024	0.005	0.026	0.005
Oct 25 2021 9:24:00 AM	0.024	0.005	0.024	0.005
Oct 25 2021 9:25:00 AM	0.024	0.005	0.024	0.005
Oct 25 2021 9:26:00 AM	0.024	0.005	0.024	0.006
Oct 25 2021 9:27:00 AM	0.024	0.005	0.024	0.006
Oct 25 2021 9:28:00 AM	0.025	0.005	0.024	0.006
Oct 25 2021 9:29:00 AM	0.024	0.005	0.025	0.006
Oct 25 2021 9:30:00 AM	0.024	0.005	0.024	0.006
Oct 25 2021 9:31:00 AM	0.024	0.005	0.029	0.006
Oct 25 2021 9:32:00 AM	0.026	0.006	0.028	0.006
Oct 25 2021 9:33:00 AM	0.024	0.006	0.025	0.006
Oct 25 2021 9:34:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:35:00 AM	0.024	0.006	0.025	0.006
Oct 25 2021 9:36:00 AM	0.024	0.006	0.024	0.006
Oct 25 2021 9:37:00 AM	0.024	0.006	0.024	0.006
Oct 25 2021 9:38:00 AM	0.024	0.006	0.024	0.006
Oct 25 2021 9:39:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:40:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:41:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:42:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:43:00 AM	0.025	0.006	0.025	0.006
Oct 25 2021 9:44:00 AM	0.026	0.006	0.025	0.006
Oct 25 2021 9:45:00 AM	0.027	0.006	0.027	0.006
Oct 25 2021 9:46:00 AM	0.026	0.006	0.027	0.007
Oct 25 2021 9:47:00 AM	0.025	0.006	0.026	0.007



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 9:48:00 AM	0.025	0.006	0.025	0.007
Oct 25 2021 9:49:00 AM	0.025	0.006	0.025	0.007
Oct 25 2021 9:50:00 AM	0.025	0.007	0.025	0.007
Oct 25 2021 9:51:00 AM	0.025	0.007	0.027	0.007
Oct 25 2021 9:52:00 AM	0.026	0.007	0.026	0.007
Oct 25 2021 9:53:00 AM	0.025	0.007	0.026	0.007
Oct 25 2021 9:54:00 AM	0.027	0.007	0.028	0.007
Oct 25 2021 9:55:00 AM	0.026	0.007	0.028	0.007
Oct 25 2021 9:56:00 AM	0.026	0.007	0.025	0.007
Oct 25 2021 9:57:00 AM	0.027	0.007	0.029	0.007
Oct 25 2021 9:58:00 AM	0.026	0.007	0.028	0.007
Oct 25 2021 9:59:00 AM	0.025	0.007	0.026	0.007
Oct 25 2021 10:00:00 AM	0.025	0.007	0.026	0.007
Oct 25 2021 10:01:00 AM	0.025	0.007	0.026	0.007
Oct 25 2021 10:02:00 AM	0.025	0.007	0.026	0.007
Oct 25 2021 10:03:00 AM	0.026	0.007	0.026	0.007
Oct 25 2021 10:04:00 AM	0.025	0.007	0.027	0.008
Oct 25 2021 10:05:00 AM	0.026	0.007	0.027	0.008
Oct 25 2021 10:06:00 AM	0.025	0.007	0.026	0.008
Oct 25 2021 10:07:00 AM	0.025	0.007	0.026	0.008
Oct 25 2021 10:08:00 AM	0.025	0.007	0.027	0.008
Oct 25 2021 10:09:00 AM	0.025	0.008	0.026	0.008
Oct 25 2021 10:10:00 AM	0.024	0.008	0.028	0.008
Oct 25 2021 10:11:00 AM	0.025	0.008	0.025	0.008
Oct 25 2021 10:12:00 AM	0.025	0.008	0.025	0.008
Oct 25 2021 10:13:00 AM	0.025	0.008	0.025	0.008
Oct 25 2021 10:14:00 AM	0.026	0.008	0.025	0.008
Oct 25 2021 10:15:00 AM	0.026	0.008	0.029	0.008
Oct 25 2021 10:16:00 AM	0.026	0.008	0.029	0.008
Oct 25 2021 10:17:00 AM	0.026	0.008	0.029	0.008
Oct 25 2021 10:18:00 AM	0.027	0.008	0.028	0.008
Oct 25 2021 10:19:00 AM	0.026	0.008	0.028	0.008
Oct 25 2021 10:20:00 AM	0.027	0.008	0.03	0.008
Oct 25 2021 10:21:00 AM	0.028	0.008	0.028	0.008
Oct 25 2021 10:22:00 AM	0.026	0.008	0.027	0.009
Oct 25 2021 10:23:00 AM	0.026	0.008	0.026	0.009
Oct 25 2021 10:24:00 AM	0.027	0.008	0.026	0.009
Oct 25 2021 10:25:00 AM	0.026	0.008	0.026	0.009
Oct 25 2021 10:26:00 AM	0.026	0.008	0.026	0.009
Oct 25 2021 10:27:00 AM	0.027	0.008	0.028	0.009
Oct 25 2021 10:28:00 AM	0.027	0.009	0.028	0.009
Oct 25 2021 10:29:00 AM	0.027	0.009	0.026	0.009
Oct 25 2021 10:30:00 AM	0.029	0.009	0.026	0.009
Oct 25 2021 10:31:00 AM	0.027	0.009	0.026	0.009
Oct 25 2021 10:32:00 AM	0.027	0.009	0.026	0.009
Oct 25 2021 10:33:00 AM	0.028	0.009	0.028	0.009
Oct 25 2021 10:34:00 AM	0.031	0.009	0.029	0.009
Oct 25 2021 10:35:00 AM	0.029	0.009	0.03	0.009
Oct 25 2021 10:36:00 AM	0.029	0.009	0.03	0.009
Oct 25 2021 10:37:00 AM	0.028	0.009	0.029	0.009
Oct 25 2021 10:38:00 AM	0.03	0.009	0.029	0.009
Oct 25 2021 10:39:00 AM	0.029	0.009	0.029	0.01

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 10:40:00 AM	0.029	0.009	0.028	0.01
Oct 25 2021 10:41:00 AM	0.033	0.009	0.028	0.01
Oct 25 2021 10:42:00 AM	0.03	0.009	0.028	0.01
Oct 25 2021 10:43:00 AM	0.034	0.009	0.028	0.01
Oct 25 2021 10:44:00 AM	0.037	0.01	0.033	0.01
Oct 25 2021 10:45:00 AM	0.035	0.01	0.03	0.01
Oct 25 2021 10:46:00 AM	0.032	0.01	0.03	0.01
Oct 25 2021 10:47:00 AM	0.03	0.01	0.03	0.01
Oct 25 2021 10:48:00 AM	0.035	0.01	0.033	0.01
Oct 25 2021 10:49:00 AM	0.032	0.01	0.035	0.01
Oct 25 2021 10:50:00 AM	0.031	0.01	0.03	0.01
Oct 25 2021 10:51:00 AM	0.029	0.01	0.029	0.01
Oct 25 2021 10:52:00 AM	0.029	0.01	0.029	0.01
Oct 25 2021 10:53:00 AM	0.03	0.01	0.03	0.01
Oct 25 2021 10:54:00 AM	0.041	0.01	0.031	0.01
Oct 25 2021 10:55:00 AM	0.031	0.01	0.031	0.011
Oct 25 2021 10:56:00 AM	0.03	0.01	0.03	0.011
Oct 25 2021 10:57:00 AM	0.03	0.01	0.031	0.011
Oct 25 2021 10:58:00 AM	0.03	0.01	0.031	0.011
Oct 25 2021 10:59:00 AM	0.03	0.01	0.03	0.011
Oct 25 2021 11:00:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:01:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:02:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:03:00 AM	0.029	0.011	0.031	0.011
Oct 25 2021 11:04:00 AM	0.029	0.011	0.032	0.011
Oct 25 2021 11:05:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:06:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:07:00 AM	0.03	0.011	0.03	0.011
Oct 25 2021 11:08:00 AM	0.03	0.011	0.031	0.011
Oct 25 2021 11:09:00 AM	0.031	0.011	0.032	0.011
Oct 25 2021 11:10:00 AM	0.031	0.011	0.032	0.011
Oct 25 2021 11:11:00 AM	0.032	0.011	0.033	0.012
Oct 25 2021 11:12:00 AM	0.031	0.011	0.032	0.012
Oct 25 2021 11:13:00 AM	0.032	0.011	0.033	0.012
Oct 25 2021 11:14:00 AM	0.031	0.011	0.034	0.012
Oct 25 2021 11:15:00 AM	0.03	0.012	0.031	0.012
Oct 25 2021 11:16:00 AM	0.03	0.012	0.03	0.012
Oct 25 2021 11:17:00 AM	0.03	0.012	0.031	0.012
Oct 25 2021 11:18:00 AM	0.03	0.012	0.031	0.012
Oct 25 2021 11:19:00 AM	0.03	0.012	0.031	0.012
Oct 25 2021 11:20:00 AM	0.031	0.012	0.031	0.012
Oct 25 2021 11:21:00 AM	0.031	0.012	0.032	0.012
Oct 25 2021 11:22:00 AM	0.03	0.012	0.032	0.012
Oct 25 2021 11:23:00 AM	0.031	0.012	0.032	0.012
Oct 25 2021 11:24:00 AM	0.031	0.012	0.032	0.012
Oct 25 2021 11:25:00 AM	0.031	0.012	0.031	0.012
Oct 25 2021 11:26:00 AM	0.031	0.012	0.032	0.013
Oct 25 2021 11:27:00 AM	0.031	0.012	0.032	0.013
Oct 25 2021 11:28:00 AM	0.031	0.012	0.031	0.013
Oct 25 2021 11:29:00 AM	0.03	0.012	0.031	0.013
Oct 25 2021 11:30:00 AM	0.031	0.012	0.032	0.013
Oct 25 2021 11:31:00 AM	0.031	0.013	0.032	0.013

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 11:32:00 AM	0.033	0.013	0.032	0.013
Oct 25 2021 11:33:00 AM	0.032	0.013	0.035	0.013
Oct 25 2021 11:34:00 AM	0.03	0.013	0.033	0.013
Oct 25 2021 11:35:00 AM	0.031	0.013	0.032	0.013
Oct 25 2021 11:36:00 AM	0.03	0.013	0.032	0.013
Oct 25 2021 11:37:00 AM	0.031	0.013	0.032	0.013
Oct 25 2021 11:38:00 AM	0.033	0.013	0.032	0.013
Oct 25 2021 11:39:00 AM	0.033	0.013	0.031	0.013
Oct 25 2021 11:40:00 AM	0.03	0.013	0.031	0.013
Oct 25 2021 11:41:00 AM	0.031	0.013	0.033	0.014
Oct 25 2021 11:42:00 AM	0.031	0.013	0.031	0.014
Oct 25 2021 11:43:00 AM	0.031	0.013	0.031	0.014
Oct 25 2021 11:44:00 AM	0.03	0.013	0.03	0.014
Oct 25 2021 11:45:00 AM	0.03	0.013	0.03	0.014
Oct 25 2021 11:46:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:47:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:48:00 AM	0.03	0.014	0.032	0.014
Oct 25 2021 11:49:00 AM	0.031	0.014	0.032	0.014
Oct 25 2021 11:50:00 AM	0.031	0.014	0.032	0.014
Oct 25 2021 11:51:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:52:00 AM	0.033	0.014	0.031	0.014
Oct 25 2021 11:53:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:54:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:55:00 AM	0.03	0.014	0.031	0.014
Oct 25 2021 11:56:00 AM	0.03	0.014	0.031	0.015
Oct 25 2021 11:57:00 AM	0.031	0.014	0.033	0.015
Oct 25 2021 11:58:00 AM	0.031	0.014	0.032	0.015
Oct 25 2021 11:59:00 AM	0.03	0.014	0.032	0.015
Oct 25 2021 12:00:00 PM	0.031	0.014	0.032	0.015
Oct 25 2021 12:01:00 PM	0.031	0.014	0.032	0.015
Oct 25 2021 12:02:00 PM	0.032	0.015	0.033	0.015
Oct 25 2021 12:03:00 PM	0.032	0.015	0.032	0.015
Oct 25 2021 12:04:00 PM	0.031	0.015	0.032	0.015
Oct 25 2021 12:05:00 PM	0.03	0.015	0.032	0.015
Oct 25 2021 12:06:00 PM	0.031	0.015	0.033	0.015
Oct 25 2021 12:07:00 PM	0.031	0.015	0.033	0.015
Oct 25 2021 12:08:00 PM	0.031	0.015	0.033	0.015
Oct 25 2021 12:09:00 PM	0.031	0.015	0.033	0.015
Oct 25 2021 12:10:00 PM	0.031	0.015	0.033	0.015
Oct 25 2021 12:11:00 PM	0.031	0.015	0.033	0.016
Oct 25 2021 12:12:00 PM	0.031	0.015	0.033	0.016
Oct 25 2021 12:13:00 PM	0.031	0.015	0.033	0.016
Oct 25 2021 12:14:00 PM	0.032	0.015	0.034	0.016
Oct 25 2021 12:15:00 PM	0.031	0.015	0.033	0.016
Oct 25 2021 12:16:00 PM	0.031	0.015	0.033	0.016
Oct 25 2021 12:17:00 PM	0.032	0.015	0.033	0.016
Oct 25 2021 12:18:00 PM	0.031	0.016	0.033	0.016
Oct 25 2021 12:19:00 PM	0.031	0.016	0.033	0.016
Oct 25 2021 12:20:00 PM	0.031	0.016	0.033	0.016
Oct 25 2021 12:21:00 PM	0.031	0.016	0.033	0.016
Oct 25 2021 12:22:00 PM	0.031	0.016	0.033	0.016
Oct 25 2021 12:23:00 PM	0.031	0.016	0.033	0.016

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 12:24:00 PM	0.032	0.016	0.033	0.016
Oct 25 2021 12:25:00 PM	0.031	0.016	0.033	0.017
Oct 25 2021 12:26:00 PM	0.031	0.016	0.033	0.017
Oct 25 2021 12:27:00 PM	0.031	0.016	0.033	0.017
Oct 25 2021 12:28:00 PM	0.031	0.016	0.034	0.017
Oct 25 2021 12:29:00 PM	0.032	0.016	0.035	0.017
Oct 25 2021 12:30:00 PM	0.034	0.016	0.034	0.017
Oct 25 2021 12:31:00 PM	0.033	0.016	0.035	0.017
Oct 25 2021 12:32:00 PM	0.032	0.017	0.034	0.017
Oct 25 2021 12:33:00 PM	0.032	0.017	0.034	0.017
Oct 25 2021 12:34:00 PM	0.032	0.017	0.033	0.017
Oct 25 2021 12:35:00 PM	0.032	0.017	0.034	0.017
Oct 25 2021 12:36:00 PM	0.031	0.017	0.033	0.017
Oct 25 2021 12:37:00 PM	0.032	0.017	0.033	0.017
Oct 25 2021 12:38:00 PM	0.031	0.017	0.034	0.017
Oct 25 2021 12:39:00 PM	0.032	0.017	0.034	0.017
Oct 25 2021 12:40:00 PM	0.032	0.017	0.034	0.018
Oct 25 2021 12:41:00 PM	0.032	0.017	0.034	0.018
Oct 25 2021 12:42:00 PM	0.032	0.017	0.034	0.018
Oct 25 2021 12:43:00 PM	0.031	0.017	0.033	0.018
Oct 25 2021 12:44:00 PM	0.03	0.017	0.033	0.018
Oct 25 2021 12:45:00 PM	0.03	0.017	0.032	0.018
Oct 25 2021 12:46:00 PM	0.03	0.017	0.032	0.018
Oct 25 2021 12:47:00 PM	0.03	0.017	0.033	0.018
Oct 25 2021 12:48:00 PM	0.029	0.017	0.032	0.018
Oct 25 2021 12:49:00 PM	0.028	0.018	0.032	0.018
Oct 25 2021 12:50:00 PM	0.027	0.018	0.031	0.018
Oct 25 2021 12:51:00 PM	0.027	0.018	0.03	0.018
Oct 25 2021 12:52:00 PM	0.026	0.018	0.032	0.018
Oct 25 2021 12:53:00 PM	0.026	0.018	0.031	0.018
Oct 25 2021 12:54:00 PM	0.027	0.018	0.03	0.019
Oct 25 2021 12:55:00 PM	0.027	0.018	0.029	0.019
Oct 25 2021 12:56:00 PM	0.027	0.018	0.029	0.019
Oct 25 2021 12:57:00 PM	0.026	0.018	0.028	0.019
Oct 25 2021 12:58:00 PM	0.025	0.018	0.029	0.019
Oct 25 2021 12:59:00 PM	0.025	0.018	0.028	0.019
Oct 25 2021 1:00:00 PM	0.025	0.018	0.028	0.019
Oct 25 2021 1:01:00 PM	0.026	0.018	0.027	0.019
Oct 25 2021 1:02:00 PM	0.026	0.018	0.028	0.019
Oct 25 2021 1:03:00 PM	0.026	0.018	0.028	0.019
Oct 25 2021 1:04:00 PM	0.026	0.018	0.028	0.019
Oct 25 2021 1:05:00 PM	0.027	0.018	0.029	0.019
Oct 25 2021 1:06:00 PM	0.026	0.019	0.028	0.019
Oct 25 2021 1:07:00 PM	0.026	0.019	0.028	0.019
Oct 25 2021 1:08:00 PM	0.027	0.019	0.029	0.019
Oct 25 2021 1:09:00 PM	0.027	0.019	0.029	0.019
Oct 25 2021 1:10:00 PM	0.028	0.019	0.03	0.019
Oct 25 2021 1:11:00 PM	0.029	0.019	0.031	0.02
Oct 25 2021 1:12:00 PM	0.03	0.019	0.031	0.02
Oct 25 2021 1:13:00 PM	0.029	0.019	0.032	0.02
Oct 25 2021 1:14:00 PM	0.029	0.019	0.031	0.02
Oct 25 2021 1:15:00 PM	0.029	0.019	0.032	0.02

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 1:16:00 PM	0.029	0.019	0.031	0.02
Oct 25 2021 1:17:00 PM	0.028	0.019	0.03	0.02
Oct 25 2021 1:18:00 PM	0.027	0.019	0.029	0.02
Oct 25 2021 1:19:00 PM	0.025	0.019	0.028	0.02
Oct 25 2021 1:20:00 PM	0.025	0.019	0.027	0.02
Oct 25 2021 1:21:00 PM	0.024	0.019	0.026	0.02
Oct 25 2021 1:22:00 PM	0.024	0.019	0.026	0.02
Oct 25 2021 1:23:00 PM	0.025	0.02	0.028	0.02
Oct 25 2021 1:24:00 PM	0.025	0.02	0.026	0.02
Oct 25 2021 1:25:00 PM	0.025	0.02	0.026	0.02
Oct 25 2021 1:26:00 PM	0.025	0.02	0.026	0.02
Oct 25 2021 1:27:00 PM	0.025	0.02	0.026	0.02
Oct 25 2021 1:28:00 PM	0.025	0.02	0.026	0.021
Oct 25 2021 1:29:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:30:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:31:00 PM	0.025	0.02	0.028	0.021
Oct 25 2021 1:32:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:33:00 PM	0.026	0.02	0.028	0.021
Oct 25 2021 1:34:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:35:00 PM	0.025	0.02	0.026	0.021
Oct 25 2021 1:36:00 PM	0.026	0.02	0.036	0.021
Oct 25 2021 1:37:00 PM	0.025	0.02	0.028	0.021
Oct 25 2021 1:38:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:39:00 PM	0.025	0.02	0.027	0.021
Oct 25 2021 1:40:00 PM	0.025	0.02	0.028	0.021
Oct 25 2021 1:41:00 PM	0.024	0.02	0.026	0.021
Oct 25 2021 1:42:00 PM	0.024	0.02	0.026	0.021
Oct 25 2021 1:43:00 PM	0.024	0.021	0.027	0.021
Oct 25 2021 1:44:00 PM	0.025	0.021	0.031	0.021
Oct 25 2021 1:45:00 PM	0.023	0.021	0.027	0.022
Oct 25 2021 1:46:00 PM	0.024	0.021	0.026	0.022
Oct 25 2021 1:47:00 PM	0.027	0.021	0.03	0.022
Oct 25 2021 1:48:00 PM	0.024	0.021	0.028	0.022
Oct 25 2021 1:49:00 PM	0.023	0.021	0.026	0.022
Oct 25 2021 1:50:00 PM	0.023	0.021	0.025	0.022
Oct 25 2021 1:51:00 PM	0.024	0.021	0.025	0.022
Oct 25 2021 1:52:00 PM	0.023	0.021	0.025	0.022
Oct 25 2021 1:53:00 PM	0.023	0.021	0.025	0.022
Oct 25 2021 1:54:00 PM	0.022	0.021	0.025	0.022
Oct 25 2021 1:55:00 PM	0.023	0.021	0.025	0.022
Oct 25 2021 1:56:00 PM	0.023	0.021	0.025	0.022
Oct 25 2021 1:57:00 PM	0.022	0.021	0.024	0.022
Oct 25 2021 1:58:00 PM	0.022	0.021	0.023	0.022
Oct 25 2021 1:59:00 PM	0.022	0.021	0.025	0.022
Oct 25 2021 2:00:00 PM	0.021	0.021	0.024	0.022
Oct 25 2021 2:01:00 PM	0.021	0.021	0.024	0.022
Oct 25 2021 2:02:00 PM	0.021	0.021	0.023	0.022
Oct 25 2021 2:03:00 PM	0.021	0.022	0.022	0.022
Oct 25 2021 2:04:00 PM	0.02	0.022	0.022	0.022
Oct 25 2021 2:05:00 PM	0.022	0.022	0.03	0.023
Oct 25 2021 2:06:00 PM	0.023	0.022	0.024	0.023
Oct 25 2021 2:07:00 PM	0.02	0.022	0.022	0.023

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 25 2021 2:08:00 PM	0.02	0.022	0.022	0.023
Oct 25 2021 2:09:00 PM	0.021	0.022	0.022	0.023
Oct 25 2021 2:10:00 PM	0.021	0.022	0.024	0.023
Oct 25 2021 2:11:00 PM	0.02	0.022	0.023	0.023
Oct 25 2021 2:12:00 PM	0.022	0.022	0.024	0.023
Oct 25 2021 2:13:00 PM	0.02	0.022	0.023	0.023
Oct 25 2021 2:14:00 PM	0.02	0.022	0.022	0.023
Oct 25 2021 2:15:00 PM	0.019	0.022	0.023	0.023
Oct 25 2021 2:16:00 PM	0.02	0.022	0.029	0.023
Oct 25 2021 2:17:00 PM	0.019	0.022	0.022	0.023
Oct 25 2021 2:18:00 PM	0.019	0.022	0.022	0.023
Oct 25 2021 2:19:00 PM	0.019	0.022	0.022	0.023
Oct 25 2021 2:20:00 PM	0.019	0.022	0.022	0.023
Oct 25 2021 2:21:00 PM	0.019	0.022	0.021	0.023
Oct 25 2021 2:22:00 PM	0.019	0.022	0.021	0.023
Oct 25 2021 2:23:00 PM	0.019	0.022	0.026	0.023
Oct 25 2021 2:24:00 PM	0.019	0.022	0.021	0.023
Oct 25 2021 2:25:00 PM	0.019	0.022	0.021	0.024
Oct 25 2021 2:26:00 PM	0.019	0.022	0.021	0.024
Oct 25 2021 2:27:00 PM	0.019	0.022	0.021	0.024
Oct 25 2021 2:28:00 PM	0.018	0.023	0.021	0.024
Oct 25 2021 2:29:00 PM	0.019	0.023	0.021	0.024
Oct 25 2021 2:30:00 PM	0.019	0.023	0.029	0.024
Oct 25 2021 2:31:00 PM	0.018	0.023	0.022	0.024
Oct 25 2021 2:32:00 PM	0.018	0.023	0.023	0.024
Oct 25 2021 2:33:00 PM	0.018	0.023	0.021	0.024
Oct 25 2021 2:34:00 PM	0.018	0.023	0.021	0.024
Oct 25 2021 2:35:00 PM	0.017	0.023	0.021	0.024
Oct 25 2021 2:36:00 PM	0.018	0.023	0.02	0.024
Oct 25 2021 2:37:00 PM	0.018	0.023	0.022	0.024
Oct 25 2021 2:38:00 PM	0.018		0.02	0.024
Oct 25 2021 2:39:00 PM	0.017		0.02	0.024
Oct 25 2021 2:40:00 PM	0.018		0.021	0.024
Oct 25 2021 2:41:00 PM	0.017		0.021	0.024
Oct 25 2021 2:42:00 PM			0.02	0.024
Oct 25 2021 2:43:00 PM	0.021		0.023	0.024
Oct 25 2021 2:44:00 PM	0.02		0.02	0.024
Oct 25 2021 2:45:00 PM	0.019		0.019	0.024
Oct 25 2021 2:46:00 PM	0.019		0.02	0.024
Oct 25 2021 2:47:00 PM	0.019		0.021	0.024
Oct 25 2021 2:48:00 PM	0.019		0.021	0.024
Oct 25 2021 2:49:00 PM	0.018		0.019	
Oct 25 2021 2:50:00 PM			0.02	
Oct 25 2021 2:51:00 PM	0.019	0.023	0.02	
Oct 25 2021 2:52:00 PM	0.019	0.023	0.02	
Oct 25 2021 2:53:00 PM	0.018	0.023	0.019	
Oct 25 2021 2:54:00 PM	0.018		0.019	
Oct 25 2021 2:55:00 PM			0.02	
Oct 25 2021 2:56:00 PM			0.019	
Oct 25 2021 2:57:00 PM				
Oct 27 2021 7:36:00 AM				
Oct 27 2021 7:37:00 AM	0		0	0

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 7:38:00 AM	0.003		0	0
Oct 27 2021 7:39:00 AM	0.023		0	0
Oct 27 2021 7:40:00 AM	0.022		0	0
Oct 27 2021 7:41:00 AM	0.02		0	0
Oct 27 2021 7:42:00 AM	0.017		0.016	0
Oct 27 2021 7:43:00 AM	0.014		0.009	0
Oct 27 2021 7:44:00 AM	0.007		0.007	0
Oct 27 2021 7:45:00 AM	0.007		0.008	0
Oct 27 2021 7:46:00 AM	0.007		0.008	0
Oct 27 2021 7:47:00 AM	0.006		0.006	0
Oct 27 2021 7:48:00 AM			0.007	0
Oct 27 2021 7:49:00 AM	0.005	0	0.005	0
Oct 27 2021 7:50:00 AM	0.005	0	0.007	0
Oct 27 2021 7:51:00 AM	0.005	0	0.005	0
Oct 27 2021 7:52:00 AM	0.005	0	0.008	0
Oct 27 2021 7:53:00 AM	0.005	0	0.006	0
Oct 27 2021 7:54:00 AM	0.005	0	0.005	0
Oct 27 2021 7:55:00 AM	0.004	0	0.006	0
Oct 27 2021 7:56:00 AM	0.005	0	0.005	0
Oct 27 2021 7:57:00 AM	0.007	0	0.005	0
Oct 27 2021 7:58:00 AM	0.006	0	0.005	0
Oct 27 2021 7:59:00 AM	0.007	0	0.005	0
Oct 27 2021 8:00:00 AM	0.006	0	0.005	0
Oct 27 2021 8:01:00 AM	0.009	0	0.005	0
Oct 27 2021 8:02:00 AM	0.005	0	0.005	0
Oct 27 2021 8:03:00 AM	0.006	0	0.005	0
Oct 27 2021 8:04:00 AM	0.005	0	0.005	0
Oct 27 2021 8:05:00 AM	0.005	0	0.005	0
Oct 27 2021 8:06:00 AM	0.005	0	0.005	0
Oct 27 2021 8:07:00 AM	0.005	0	0.005	0
Oct 27 2021 8:08:00 AM	0.005	0	0.005	0
Oct 27 2021 8:09:00 AM	0.005	0	0.005	0
Oct 27 2021 8:10:00 AM	0.004	0.001	0.005	0
Oct 27 2021 8:11:00 AM	0.005	0.001	0.005	0
Oct 27 2021 8:12:00 AM	0.005	0.001	0.005	0
Oct 27 2021 8:13:00 AM	0.005	0.001	0.005	0
Oct 27 2021 8:14:00 AM	0.005	0.001	0.011	0
Oct 27 2021 8:15:00 AM	0.005	0.001	0.007	0
Oct 27 2021 8:16:00 AM	0.005	0.001	0.007	0
Oct 27 2021 8:17:00 AM	0.005	0.001	0.006	0
Oct 27 2021 8:18:00 AM	0.005	0.001	0.005	0
Oct 27 2021 8:19:00 AM	0.005	0.001	0.005	0
Oct 27 2021 8:20:00 AM	0.005	0.001	0.007	0
Oct 27 2021 8:21:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:22:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:23:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:24:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 8:25:00 AM	0.009	0.001	0.005	0.001
Oct 27 2021 8:26:00 AM	0.01	0.001	0.005	0.001
Oct 27 2021 8:27:00 AM	0.008	0.001	0.008	0.001
Oct 27 2021 8:28:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:29:00 AM	0.005	0.001	0.006	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 8:30:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:31:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:32:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:33:00 AM	0.006	0.001	0.005	0.001
Oct 27 2021 8:34:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:35:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:36:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:37:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:38:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:39:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:40:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:41:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:42:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:43:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:44:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:45:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:46:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 8:47:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:48:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:49:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:50:00 AM	0.005	0.001	0.005	0.001
Oct 27 2021 8:51:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:52:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:53:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:54:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:55:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:56:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:57:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:58:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 8:59:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:00:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:01:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:02:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:03:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:04:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:05:00 AM	0.007	0.001	0.006	0.001
Oct 27 2021 9:06:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:07:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:08:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:09:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:10:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:11:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:12:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:13:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:14:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:15:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:16:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:17:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:18:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:19:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:20:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:21:00 AM	0.01	0.001	0.008	0.001



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 9:22:00 AM	0.007	0.001	0.006	0.001
Oct 27 2021 9:23:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:24:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:25:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:26:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:27:00 AM	0.008	0.001	0.006	0.001
Oct 27 2021 9:28:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:29:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:30:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:31:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:32:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:33:00 AM	0.006	0.001	0.006	0.001
Oct 27 2021 9:34:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:35:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:36:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:37:00 AM	0.005	0.001	0.006	0.001
Oct 27 2021 9:38:00 AM	0.006	0.001	0.007	0.001
Oct 27 2021 9:39:00 AM	0.007	0.002	0.006	0.001
Oct 27 2021 9:40:00 AM	0.005	0.002	0.006	0.001
Oct 27 2021 9:41:00 AM	0.005	0.002	0.006	0.001
Oct 27 2021 9:42:00 AM	0.006	0.002	0.006	0.002
Oct 27 2021 9:43:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:44:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:45:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:46:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:47:00 AM	0.006	0.002	0.006	0.002
Oct 27 2021 9:48:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:49:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:50:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:51:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 9:52:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 9:53:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 9:54:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:55:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 9:56:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 9:57:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 9:58:00 AM	0.005	0.002	0.005	0.002
Oct 27 2021 9:59:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:00:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:01:00 AM	0.006	0.002	0.008	0.002
Oct 27 2021 10:02:00 AM	0.007	0.002	0.007	0.002
Oct 27 2021 10:03:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 10:04:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:05:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 10:06:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:07:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:08:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:09:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:10:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:11:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:12:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:13:00 AM	0.004	0.002	0.006	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 10:14:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 10:15:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:16:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:17:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:18:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:19:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:20:00 AM	0.006	0.002	0.006	0.002
Oct 27 2021 10:21:00 AM	0.011	0.002	0.005	0.002
Oct 27 2021 10:22:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:23:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:24:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:25:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:26:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:27:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:28:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:29:00 AM	0.004	0.002	0.01	0.002
Oct 27 2021 10:30:00 AM	0.004	0.002	0.008	0.002
Oct 27 2021 10:31:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:32:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:33:00 AM	0.004	0.002	0.013	0.002
Oct 27 2021 10:34:00 AM	0.005	0.002	0.006	0.002
Oct 27 2021 10:35:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:36:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:37:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:38:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:39:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:40:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:41:00 AM	0.004	0.002	0.006	0.002
Oct 27 2021 10:42:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:43:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:44:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:45:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:46:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:47:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:48:00 AM	0.005	0.002	0.005	0.002
Oct 27 2021 10:49:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:50:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:51:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:52:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:53:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:54:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 10:55:00 AM	0.004	0.002	0.005	0.002
Oct 27 2021 10:56:00 AM	0.006	0.002	0.005	0.002
Oct 27 2021 10:57:00 AM	0.005	0.002	0.005	0.002
Oct 27 2021 10:58:00 AM	0.003	0.002	0.006	0.002
Oct 27 2021 10:59:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 11:00:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 11:01:00 AM	0.005	0.002	0.005	0.002
Oct 27 2021 11:02:00 AM	0.002	0.002	0.005	0.002
Oct 27 2021 11:03:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 11:04:00 AM	0.003	0.002	0.005	0.002
Oct 27 2021 11:05:00 AM	0.003	0.002	0.005	0.002

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 11:06:00 AM	0.002	0.002	0.005	0.002
Oct 27 2021 11:07:00 AM	0.002	0.002	0.005	0.002
Oct 27 2021 11:08:00 AM	0.003	0.002	0.006	0.003
Oct 27 2021 11:09:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:10:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:11:00 AM	0.006	0.002	0.005	0.003
Oct 27 2021 11:12:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:13:00 AM	0.006	0.002	0.005	0.003
Oct 27 2021 11:14:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:15:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:16:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:17:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:18:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:19:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:20:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:21:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:22:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:23:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:24:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:25:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:26:00 AM	0.004	0.002	0.006	0.003
Oct 27 2021 11:27:00 AM	0.003	0.002	0.005	0.003
Oct 27 2021 11:28:00 AM	0.006	0.002	0.005	0.003
Oct 27 2021 11:29:00 AM	0.004	0.002	0.005	0.003
Oct 27 2021 11:30:00 AM	0.007	0.002	0.006	0.003
Oct 27 2021 11:31:00 AM	0.004	0.002	0.007	0.003
Oct 27 2021 11:32:00 AM	0.004	0.002	0.011	0.003
Oct 27 2021 11:33:00 AM	0.003	0.003	0.005	0.003
Oct 27 2021 11:34:00 AM	0.003	0.003	0.011	0.003
Oct 27 2021 11:35:00 AM	0.006	0.003	0.009	0.003
Oct 27 2021 11:36:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:37:00 AM	0.005	0.003	0.008	0.003
Oct 27 2021 11:38:00 AM	0.004	0.003	0.009	0.003
Oct 27 2021 11:39:00 AM	0.003	0.003	0.011	0.003
Oct 27 2021 11:40:00 AM	0.006	0.003	0.009	0.003
Oct 27 2021 11:41:00 AM	0.004	0.003	0.007	0.003
Oct 27 2021 11:42:00 AM	0.006	0.003	0.007	0.003
Oct 27 2021 11:43:00 AM	0.006	0.003	0.005	0.003
Oct 27 2021 11:44:00 AM	0.009	0.003	0.006	0.003
Oct 27 2021 11:45:00 AM	0.01	0.003	0.005	0.003
Oct 27 2021 11:46:00 AM	0.004	0.003	0.005	0.003
Oct 27 2021 11:47:00 AM	0.005	0.003	0.005	0.003
Oct 27 2021 11:48:00 AM	0.004	0.003	0.006	0.003
Oct 27 2021 11:49:00 AM	0.004	0.003	0.006	0.003
Oct 27 2021 11:50:00 AM	0.004	0.003	0.006	0.003
Oct 27 2021 11:51:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:52:00 AM	0.005	0.003	0.006	0.003
Oct 27 2021 11:53:00 AM	0.005	0.003	0.006	0.003
Oct 27 2021 11:54:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:55:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:56:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:57:00 AM	0.003	0.003	0.006	0.003

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 11:58:00 AM	0.003	0.003	0.006	0.003
Oct 27 2021 11:59:00 AM	0.004	0.003	0.006	0.003
Oct 27 2021 12:00:00 PM	0.017	0.003	0.006	0.003
Oct 27 2021 12:01:00 PM	0.007	0.003	0.006	0.003
Oct 27 2021 12:02:00 PM	0.011	0.003	0.007	0.003
Oct 27 2021 12:03:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:04:00 PM	0.003	0.003	0.006	0.003
Oct 27 2021 12:05:00 PM	0.003	0.003	0.006	0.003
Oct 27 2021 12:06:00 PM	0.003	0.003	0.006	0.003
Oct 27 2021 12:07:00 PM	0.004	0.003	0.008	0.003
Oct 27 2021 12:08:00 PM	0.003	0.003	0.007	0.003
Oct 27 2021 12:09:00 PM	0.003	0.003	0.006	0.003
Oct 27 2021 12:10:00 PM	0.003	0.003	0.006	0.003
Oct 27 2021 12:11:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:12:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:13:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:14:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:15:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:16:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:17:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:18:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:19:00 PM	0.004	0.003	0.006	0.003
Oct 27 2021 12:20:00 PM	0.004	0.003	0.007	0.003
Oct 27 2021 12:21:00 PM	0.004	0.003	0.015	0.003
Oct 27 2021 12:22:00 PM	0.005	0.003	0.007	0.003
Oct 27 2021 12:23:00 PM	0.004	0.003	0.012	0.003
Oct 27 2021 12:24:00 PM	0.004	0.003	0.007	0.004
Oct 27 2021 12:25:00 PM	0.004	0.003	0.007	0.004
Oct 27 2021 12:26:00 PM	0.004	0.003	0.011	0.004
Oct 27 2021 12:27:00 PM	0.005	0.003	0.01	0.004
Oct 27 2021 12:28:00 PM	0.004	0.003	0.009	0.004
Oct 27 2021 12:29:00 PM	0.004	0.003	0.008	0.004
Oct 27 2021 12:30:00 PM	0.004	0.003	0.007	0.004
Oct 27 2021 12:31:00 PM	0.004	0.003	0.008	0.004
Oct 27 2021 12:32:00 PM	0.004	0.003	0.009	0.004
Oct 27 2021 12:33:00 PM	0.005	0.003	0.007	0.004
Oct 27 2021 12:34:00 PM	0.005	0.003	0.008	0.004
Oct 27 2021 12:35:00 PM	0.005	0.003	0.008	0.004
Oct 27 2021 12:36:00 PM	0.005	0.003	0.01	0.004
Oct 27 2021 12:37:00 PM	0.005	0.003	0.009	0.004
Oct 27 2021 12:38:00 PM	0.006	0.003	0.009	0.004
Oct 27 2021 12:39:00 PM	0.006	0.003	0.01	0.004
Oct 27 2021 12:40:00 PM	0.006	0.003	0.009	0.004
Oct 27 2021 12:41:00 PM	0.007	0.003	0.017	0.004
Oct 27 2021 12:42:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:43:00 PM	0.008	0.003	0.012	0.004
Oct 27 2021 12:44:00 PM	0.009	0.003	0.01	0.004
Oct 27 2021 12:45:00 PM	0.013	0.003	0.011	0.004
Oct 27 2021 12:46:00 PM	0.011	0.003	0.01	0.004
Oct 27 2021 12:47:00 PM	0.009	0.003	0.011	0.004
Oct 27 2021 12:48:00 PM	0.008	0.003	0.013	0.004
Oct 27 2021 12:49:00 PM	0.008	0.003	0.01	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 12:50:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:51:00 PM	0.01	0.003	0.011	0.004
Oct 27 2021 12:52:00 PM	0.009	0.003	0.01	0.004
Oct 27 2021 12:53:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:54:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:55:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:56:00 PM	0.016	0.003	0.011	0.004
Oct 27 2021 12:57:00 PM	0.01	0.003	0.009	0.004
Oct 27 2021 12:58:00 PM	0.008	0.003	0.01	0.004
Oct 27 2021 12:59:00 PM	0.009	0.004	0.009	0.004
Oct 27 2021 1:00:00 PM	0.009	0.004	0.01	0.004
Oct 27 2021 1:01:00 PM	0.008	0.004	0.009	0.004
Oct 27 2021 1:02:00 PM	0.008	0.004	0.014	0.004
Oct 27 2021 1:03:00 PM	0.007	0.004	0.009	0.004
Oct 27 2021 1:04:00 PM	0.01	0.004	0.012	0.004
Oct 27 2021 1:05:00 PM	0.008	0.004	0.009	0.004
Oct 27 2021 1:06:00 PM	0.007	0.004	0.009	0.004
Oct 27 2021 1:07:00 PM	0.012	0.004	0.009	0.004
Oct 27 2021 1:08:00 PM	0.007	0.004	0.009	0.004
Oct 27 2021 1:09:00 PM	0.007	0.004	0.009	0.004
Oct 27 2021 1:10:00 PM	0.007	0.004	0.009	0.004
Oct 27 2021 1:11:00 PM	0.006	0.004	0.009	0.004
Oct 27 2021 1:12:00 PM	0.022	0.004	0.009	0.004
Oct 27 2021 1:13:00 PM	0.013	0.004	0.01	0.004
Oct 27 2021 1:14:00 PM	0.008	0.004	0.01	0.005
Oct 27 2021 1:15:00 PM	0.009	0.004	0.009	0.005
Oct 27 2021 1:16:00 PM	0.006	0.004	0.009	0.005
Oct 27 2021 1:17:00 PM	0.007	0.004	0.009	0.005
Oct 27 2021 1:18:00 PM	0.007	0.004	0.009	0.005
Oct 27 2021 1:19:00 PM	0.014	0.004	0.009	0.005
Oct 27 2021 1:20:00 PM	0.027	0.004	0.013	0.005
Oct 27 2021 1:21:00 PM	0.01	0.004	0.01	0.005
Oct 27 2021 1:22:00 PM	0.008	0.004	0.008	0.005
Oct 27 2021 1:23:00 PM	0.006	0.004	0.009	0.005
Oct 27 2021 1:24:00 PM	0.005	0.004	0.01	0.005
Oct 27 2021 1:25:00 PM	0.006	0.004	0.008	0.005
Oct 27 2021 1:26:00 PM	0.007	0.004	0.008	0.005
Oct 27 2021 1:27:00 PM	0.008	0.004	0.009	0.005
Oct 27 2021 1:28:00 PM	0.007	0.004	0.009	0.005
Oct 27 2021 1:29:00 PM	0.008	0.004	0.008	0.005
Oct 27 2021 1:30:00 PM	0.006	0.004	0.008	0.005
Oct 27 2021 1:31:00 PM	0.006	0.004	0.007	0.005
Oct 27 2021 1:32:00 PM	0.007	0.004	0.008	0.005
Oct 27 2021 1:33:00 PM	0.005	0.004	0.008	0.005
Oct 27 2021 1:34:00 PM	0.006	0.004	0.008	0.005
Oct 27 2021 1:35:00 PM	0.007	0.004	0.008	0.005
Oct 27 2021 1:36:00 PM	0.006	0.004	0.007	0.005
Oct 27 2021 1:37:00 PM	0.005	0.004	0.01	0.005
Oct 27 2021 1:38:00 PM	0.011	0.004	0.008	0.005
Oct 27 2021 1:39:00 PM	0.013	0.004	0.007	0.005
Oct 27 2021 1:40:00 PM	0.008	0.004	0.008	0.005
Oct 27 2021 1:41:00 PM	0.014	0.004	0.02	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 1:42:00 PM	0.009	0.004	0.01	0.005
Oct 27 2021 1:43:00 PM	0.007	0.004	0.008	0.005
Oct 27 2021 1:44:00 PM	0.006	0.004	0.007	0.005
Oct 27 2021 1:45:00 PM	0.007	0.004	0.008	0.005
Oct 27 2021 1:46:00 PM	0.005	0.004	0.008	0.005
Oct 27 2021 1:47:00 PM	0.005	0.004	0.007	0.005
Oct 27 2021 1:48:00 PM	0.006	0.004	0.007	0.005
Oct 27 2021 1:49:00 PM	0.005	0.004	0.007	0.005
Oct 27 2021 1:50:00 PM	0.005	0.004	0.007	0.005
Oct 27 2021 1:51:00 PM	0.014	0.004	0.007	0.005
Oct 27 2021 1:52:00 PM	0.008	0.004	0.007	0.005
Oct 27 2021 1:53:00 PM	0.008	0.004	0.008	0.005
Oct 27 2021 1:54:00 PM	0.011	0.004	0.008	0.005
Oct 27 2021 1:55:00 PM	0.011	0.005	0.008	0.005
Oct 27 2021 1:56:00 PM	0.008	0.005	0.008	0.005
Oct 27 2021 1:57:00 PM	0.005	0.005	0.007	0.005
Oct 27 2021 1:58:00 PM	0.005	0.005	0.007	0.005
Oct 27 2021 1:59:00 PM	0.006	0.005	0.007	0.005
Oct 27 2021 2:00:00 PM	0.005	0.005	0.007	0.005
Oct 27 2021 2:01:00 PM	0.005	0.005	0.007	0.005
Oct 27 2021 2:02:00 PM	0.004	0.005	0.01	0.005
Oct 27 2021 2:03:00 PM	0.004	0.005	0.008	0.005
Oct 27 2021 2:04:00 PM	0.004	0.005	0.006	0.005
Oct 27 2021 2:05:00 PM	0.004	0.005	0.007	0.005
Oct 27 2021 2:06:00 PM	0.004	0.005	0.009	0.005
Oct 27 2021 2:07:00 PM	0.006	0.005	0.007	0.005
Oct 27 2021 2:08:00 PM	0.004	0.005	0.006	0.005
Oct 27 2021 2:09:00 PM	0.005	0.005	0.006	0.005
Oct 27 2021 2:10:00 PM	0.005	0.005	0.006	0.005
Oct 27 2021 2:11:00 PM	0.007	0.005	0.006	0.005
Oct 27 2021 2:12:00 PM	0.009	0.005	0.006	0.005
Oct 27 2021 2:13:00 PM	0.01	0.005	0.008	0.006
Oct 27 2021 2:14:00 PM	0.011	0.005	0.006	0.006
Oct 27 2021 2:15:00 PM	0.008	0.005	0.006	0.006
Oct 27 2021 2:16:00 PM	0.011	0.005	0.006	0.006
Oct 27 2021 2:17:00 PM	0.009	0.005	0.006	0.006
Oct 27 2021 2:18:00 PM	0.005	0.005	0.006	0.006
Oct 27 2021 2:19:00 PM	0.008	0.005	0.006	0.006
Oct 27 2021 2:20:00 PM	0.054	0.005	0.006	0.006
Oct 27 2021 2:21:00 PM	0.019	0.005	0.006	0.006
Oct 27 2021 2:22:00 PM	0.014	0.005	0.006	0.006
Oct 27 2021 2:23:00 PM	0.011	0.005	0.007	0.006
Oct 27 2021 2:24:00 PM	0.011	0.005	0.006	0.006
Oct 27 2021 2:25:00 PM	0.014	0.005	0.009	0.006
Oct 27 2021 2:26:00 PM	0.017	0.005	0.012	0.006
Oct 27 2021 2:27:00 PM	0.013	0.005	0.007	0.006
Oct 27 2021 2:28:00 PM	0.011	0.005	0.008	0.006
Oct 27 2021 2:29:00 PM	0.008	0.005	0.007	0.006
Oct 27 2021 2:30:00 PM	0.004	0.005	0.007	0.006
Oct 27 2021 2:31:00 PM	0.006	0.005	0.007	0.006
Oct 27 2021 2:32:00 PM	0.006	0.005	0.009	0.006
Oct 27 2021 2:33:00 PM	0.005	0.005	0.007	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 27 2021 2:34:00 PM	0.005	0.005	0.006	0.006
Oct 27 2021 2:35:00 PM	0.004	0.005	0.007	0.006
Oct 27 2021 2:36:00 PM	0.007	0.005	0.007	0.006
Oct 27 2021 2:37:00 PM	0.011	0.005	0.007	0.006
Oct 27 2021 2:38:00 PM	0.009	0.005	0.007	0.006
Oct 27 2021 2:39:00 PM	0.008	0.005	0.007	0.006
Oct 27 2021 2:40:00 PM	0.005	0.005	0.009	0.006
Oct 27 2021 2:41:00 PM	0.007	0.005	0.007	0.006
Oct 27 2021 2:42:00 PM	0.006	0.005	0.007	0.006
Oct 27 2021 2:43:00 PM	0.006	0.005	0.007	0.006
Oct 27 2021 2:44:00 PM	0.01	0.005	0.007	
Oct 27 2021 2:45:00 PM	0.005	0.005	0.01	
Oct 27 2021 2:46:00 PM	0.005		0.008	
Oct 27 2021 2:47:00 PM	0.005		0.008	
Oct 27 2021 2:48:00 PM	0.005		0.007	
Oct 27 2021 2:49:00 PM	0.004		0.007	
Oct 27 2021 2:50:00 PM	0.006		0.008	
Oct 27 2021 2:51:00 PM	0.005		0.007	
Oct 27 2021 2:52:00 PM	0.004		0.008	
Oct 27 2021 2:53:00 PM				
Oct 28 2021 7:24:00 AM				
Oct 28 2021 7:25:00 AM			0.012	0
Oct 28 2021 7:26:00 AM			0.01	0
Oct 28 2021 7:27:00 AM			0.016	0
Oct 28 2021 7:28:00 AM			0.027	0
Oct 28 2021 7:29:00 AM			0.023	0
Oct 28 2021 7:30:00 AM			0.019	0
Oct 28 2021 7:31:00 AM			0.011	0
Oct 28 2021 7:32:00 AM			0.022	0
Oct 28 2021 7:33:00 AM			0.037	0
Oct 28 2021 7:34:00 AM			0.015	0
Oct 28 2021 7:35:00 AM	0.033		0.014	0
Oct 28 2021 7:36:00 AM	0.024		0.013	0
Oct 28 2021 7:37:00 AM	0.014		0.011	0
Oct 28 2021 7:38:00 AM	0.011	0	0.011	0
Oct 28 2021 7:39:00 AM	0.017	0	0.013	0
Oct 28 2021 7:40:00 AM	0.009	0	0.013	0.001
Oct 28 2021 7:41:00 AM	0.014	0	0.01	0.001
Oct 28 2021 7:42:00 AM	0.01	0	0.012	0.001
Oct 28 2021 7:43:00 AM	0.009	0	0.015	0.001
Oct 28 2021 7:44:00 AM	0.009	0	0.01	0.001
Oct 28 2021 7:45:00 AM	0.009	0	0.01	0.001
Oct 28 2021 7:46:00 AM	0.009	0	0.011	0.001
Oct 28 2021 7:47:00 AM	0.016	0	0.022	0.001
Oct 28 2021 7:48:00 AM	0.01	0	0.032	0.001
Oct 28 2021 7:49:00 AM	0.009	0	0.013	0.001
Oct 28 2021 7:50:00 AM	0.009	0	0.015	0.001
Oct 28 2021 7:51:00 AM	0.009	0	0.025	0.001
Oct 28 2021 7:52:00 AM	0.009	0.001	0.013	0.001
Oct 28 2021 7:53:00 AM	0.01	0.001	0.014	0.001
Oct 28 2021 7:54:00 AM	0.009	0.001	0.064	0.001
Oct 28 2021 7:55:00 AM	0.009	0.001	0.01	0.001

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 7:56:00 AM	0.009	0.001	0.01	0.001
Oct 28 2021 7:57:00 AM	0.009	0.001	0.01	0.001
Oct 28 2021 7:58:00 AM	0.009	0.001	0.014	0.001
Oct 28 2021 7:59:00 AM	0.009	0.001	0.013	0.001
Oct 28 2021 8:00:00 AM	0.009	0.001	0.029	0.001
Oct 28 2021 8:01:00 AM	0.009	0.001	0.021	0.001
Oct 28 2021 8:02:00 AM	0.01	0.001	0.017	0.001
Oct 28 2021 8:03:00 AM	0.009	0.001	0.011	0.001
Oct 28 2021 8:04:00 AM	0.009	0.001	0.01	0.001
Oct 28 2021 8:05:00 AM	0.009	0.001	0.01	0.001
Oct 28 2021 8:06:00 AM	0.009	0.001	0.011	0.001
Oct 28 2021 8:07:00 AM	0.009	0.001	0.01	0.001
Oct 28 2021 8:08:00 AM	0.009	0.001	0.013	0.001
Oct 28 2021 8:09:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:10:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:11:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:12:00 AM	0.01	0.001	0.012	0.002
Oct 28 2021 8:13:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:14:00 AM	0.009	0.001	0.012	0.002
Oct 28 2021 8:15:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:16:00 AM	0.009	0.001	0.016	0.002
Oct 28 2021 8:17:00 AM	0.009	0.001	0.023	0.002
Oct 28 2021 8:18:00 AM	0.009	0.001	0.012	0.002
Oct 28 2021 8:19:00 AM	0.009	0.001	0.011	0.002
Oct 28 2021 8:20:00 AM	0.009	0.001	0.011	0.002
Oct 28 2021 8:21:00 AM	0.009	0.001	0.017	0.002
Oct 28 2021 8:22:00 AM	0.009	0.001	0.016	0.002
Oct 28 2021 8:23:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:24:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:25:00 AM	0.009	0.001	0.011	0.002
Oct 28 2021 8:26:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:27:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:28:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:29:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:30:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:31:00 AM	0.01	0.001	0.011	0.002
Oct 28 2021 8:32:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:33:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:34:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:35:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:36:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:37:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:38:00 AM	0.012	0.001	0.01	0.002
Oct 28 2021 8:39:00 AM	0.011	0.001	0.01	0.002
Oct 28 2021 8:40:00 AM	0.01	0.001	0.01	0.002
Oct 28 2021 8:41:00 AM	0.009	0.001	0.01	0.002
Oct 28 2021 8:42:00 AM	0.01	0.001	0.01	0.002
Oct 28 2021 8:43:00 AM	0.01	0.001	0.01	0.002
Oct 28 2021 8:44:00 AM	0.009	0.002	0.01	0.002
Oct 28 2021 8:45:00 AM	0.01	0.002	0.01	0.002
Oct 28 2021 8:46:00 AM	0.009	0.002	0.011	0.002
Oct 28 2021 8:47:00 AM	0.01	0.002	0.011	0.002



**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 8:48:00 AM	0.01	0.002	0.01	0.002
Oct 28 2021 8:49:00 AM	0.01	0.002	0.01	0.002
Oct 28 2021 8:50:00 AM	0.009	0.002	0.011	0.002
Oct 28 2021 8:51:00 AM	0.009	0.002	0.015	0.002
Oct 28 2021 8:52:00 AM	0.01	0.002	0.015	0.003
Oct 28 2021 8:53:00 AM	0.01	0.002	0.018	0.003
Oct 28 2021 8:54:00 AM	0.01	0.002	0.014	0.003
Oct 28 2021 8:55:00 AM	0.012	0.002	0.015	0.003
Oct 28 2021 8:56:00 AM	0.011	0.002	0.018	0.003
Oct 28 2021 8:57:00 AM	0.013	0.002	0.011	0.003
Oct 28 2021 8:58:00 AM	0.01	0.002	0.01	0.003
Oct 28 2021 8:59:00 AM	0.01	0.002	0.01	0.003
Oct 28 2021 9:00:00 AM	0.009	0.002	0.01	0.003
Oct 28 2021 9:01:00 AM	0.012	0.002	0.01	0.003
Oct 28 2021 9:02:00 AM	0.01	0.002	0.01	0.003
Oct 28 2021 9:03:00 AM	0.009	0.002	0.01	0.003
Oct 28 2021 9:04:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:05:00 AM	0.01	0.002	0.01	0.003
Oct 28 2021 9:06:00 AM	0.01	0.002	0.009	0.003
Oct 28 2021 9:07:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:08:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:09:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:10:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:11:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:12:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:13:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:14:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:15:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:16:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:17:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:18:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:19:00 AM	0.008	0.002	0.009	0.003
Oct 28 2021 9:20:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:21:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:22:00 AM	0.009	0.002	0.009	0.003
Oct 28 2021 9:23:00 AM	0.053	0.002	0.009	0.003
Oct 28 2021 9:24:00 AM	0.008	0.002	0.01	0.003
Oct 28 2021 9:25:00 AM	0.01	0.002	0.018	0.003
Oct 28 2021 9:26:00 AM	0.01	0.002	0.056	0.003
Oct 28 2021 9:27:00 AM	0.009	0.002	0.02	0.003
Oct 28 2021 9:28:00 AM	0.01	0.002	0.013	0.003
Oct 28 2021 9:29:00 AM	0.01	0.003	0.009	0.003
Oct 28 2021 9:30:00 AM	0.024	0.003	0.008	0.003
Oct 28 2021 9:31:00 AM	0.027	0.003	0.008	0.003
Oct 28 2021 9:32:00 AM	0.008	0.003	0.01	0.004
Oct 28 2021 9:33:00 AM	0.01	0.003	0.016	0.004
Oct 28 2021 9:34:00 AM	0.01	0.003	0.008	0.004
Oct 28 2021 9:35:00 AM	0.042	0.003	0.008	0.004
Oct 28 2021 9:36:00 AM	0.03	0.003	0.008	0.004
Oct 28 2021 9:37:00 AM	0.013	0.003	0.008	0.004
Oct 28 2021 9:38:00 AM	0.012	0.003	0.008	0.004
Oct 28 2021 9:39:00 AM	0.009	0.003	0.008	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 9:40:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:41:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:42:00 AM	0.012	0.003	0.008	0.004
Oct 28 2021 9:43:00 AM	0.009	0.003	0.008	0.004
Oct 28 2021 9:44:00 AM	0.011	0.003	0.008	0.004
Oct 28 2021 9:45:00 AM	0.009	0.003	0.008	0.004
Oct 28 2021 9:46:00 AM	0.009	0.003	0.008	0.004
Oct 28 2021 9:47:00 AM	0.008	0.003	0.008	0.004
Oct 28 2021 9:48:00 AM	0.009	0.003	0.007	0.004
Oct 28 2021 9:49:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:50:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:51:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:52:00 AM	0.009	0.003	0.009	0.004
Oct 28 2021 9:53:00 AM	0.006	0.003	0.008	0.004
Oct 28 2021 9:54:00 AM	0.009	0.003	0.008	0.004
Oct 28 2021 9:55:00 AM	0.007	0.003	0.008	0.004
Oct 28 2021 9:56:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:57:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:58:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 9:59:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:00:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:01:00 AM	0.008	0.003	0.007	0.004
Oct 28 2021 10:02:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:03:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:04:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:05:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:06:00 AM	0.008	0.003	0.007	0.004
Oct 28 2021 10:07:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:08:00 AM	0.007	0.003	0.007	0.004
Oct 28 2021 10:09:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:10:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:11:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:12:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:13:00 AM	0.008	0.003	0.007	0.004
Oct 28 2021 10:14:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:15:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:16:00 AM	0.006	0.003	0.007	0.004
Oct 28 2021 10:17:00 AM	0.005	0.003	0.009	0.004
Oct 28 2021 10:18:00 AM	0.006	0.003	0.012	0.004
Oct 28 2021 10:19:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:20:00 AM	0.005	0.004	0.007	0.004
Oct 28 2021 10:21:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:22:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:23:00 AM	0.005	0.004	0.007	0.004
Oct 28 2021 10:24:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:25:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:26:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:27:00 AM	0.007	0.004	0.007	0.004
Oct 28 2021 10:28:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:29:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:30:00 AM	0.006	0.004	0.007	0.004
Oct 28 2021 10:31:00 AM	0.009	0.004	0.007	0.004

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 10:32:00 AM	0.012	0.004	0.007	0.004
Oct 28 2021 10:33:00 AM	0.006	0.004	0.008	0.004
Oct 28 2021 10:34:00 AM	0.005	0.004	0.007	0.004
Oct 28 2021 10:35:00 AM	0.005	0.004	0.007	0.004
Oct 28 2021 10:36:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:37:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:38:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:39:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:40:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:41:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:42:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:43:00 AM	0.011	0.004	0.007	0.005
Oct 28 2021 10:44:00 AM	0.007	0.004	0.008	0.005
Oct 28 2021 10:45:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 10:46:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:47:00 AM	0.007	0.004	0.007	0.005
Oct 28 2021 10:48:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 10:49:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 10:50:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 10:51:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 10:52:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:53:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:54:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:55:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:56:00 AM	0.007	0.004	0.007	0.005
Oct 28 2021 10:57:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 10:58:00 AM	0.007	0.004	0.008	0.005
Oct 28 2021 10:59:00 AM	0.081	0.004	0.007	0.005
Oct 28 2021 11:00:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 11:01:00 AM	0.009	0.004	0.007	0.005
Oct 28 2021 11:02:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:03:00 AM	0.007	0.004	0.007	0.005
Oct 28 2021 11:04:00 AM	0.007	0.004	0.007	0.005
Oct 28 2021 11:05:00 AM	0.01	0.004	0.007	0.005
Oct 28 2021 11:06:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 11:07:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:08:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:09:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:10:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:11:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:12:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:13:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 11:14:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:15:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:16:00 AM	0.005	0.004	0.01	0.005
Oct 28 2021 11:17:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:18:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:19:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:20:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:21:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:22:00 AM	0.006	0.004	0.007	0.005
Oct 28 2021 11:23:00 AM	0.004	0.004	0.007	0.005

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 11:24:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:25:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:26:00 AM	0.005	0.004	0.007	0.005
Oct 28 2021 11:27:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:28:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:29:00 AM	0.004	0.004	0.007	0.005
Oct 28 2021 11:30:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:31:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:32:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:33:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:34:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:35:00 AM	0.004	0.005	0.008	0.005
Oct 28 2021 11:36:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:37:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:38:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:39:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:40:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:41:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:42:00 AM	0.014	0.005	0.007	0.005
Oct 28 2021 11:43:00 AM	0.004	0.005	0.007	0.005
Oct 28 2021 11:44:00 AM	0.004	0.005	0.007	0.006
Oct 28 2021 11:45:00 AM	0.004	0.005	0.006	0.006
Oct 28 2021 11:46:00 AM	0.01	0.005	0.008	0.006
Oct 28 2021 11:47:00 AM	0.03	0.005	0.03	0.006
Oct 28 2021 11:48:00 AM	0.141	0.005	0.01	0.006
Oct 28 2021 11:49:00 AM	0.069	0.005	0.03	0.006
Oct 28 2021 11:50:00 AM	0.051	0.005	0.01	0.006
Oct 28 2021 11:51:00 AM	0.069	0.005	0.009	0.006
Oct 28 2021 11:52:00 AM	0.103	0.005	0.022	0.006
Oct 28 2021 11:53:00 AM	0.029	0.006	0.023	0.006
Oct 28 2021 11:54:00 AM	0.012	0.006	0.015	0.006
Oct 28 2021 11:55:00 AM	0.004	0.006	0.012	0.006
Oct 28 2021 11:56:00 AM	0.014	0.006	0.009	0.006
Oct 28 2021 11:57:00 AM	0.016	0.006	0.011	0.006
Oct 28 2021 11:58:00 AM	0.027	0.006	0.019	0.006
Oct 28 2021 11:59:00 AM	0.009	0.006	0.007	0.006
Oct 28 2021 12:00:00 PM	0.005	0.006	0.007	0.006
Oct 28 2021 12:01:00 PM	0.014	0.006	0.007	0.006
Oct 28 2021 12:02:00 PM	0.006	0.006	0.007	0.006
Oct 28 2021 12:03:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:04:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:05:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:06:00 PM	0.005	0.006	0.007	0.006
Oct 28 2021 12:07:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:08:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:09:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:10:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:11:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:12:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:13:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:14:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:15:00 PM	0.004	0.006	0.006	0.006

**APPENDIX B**

<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 12:16:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:17:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:18:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:19:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:20:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:21:00 PM	0.004	0.006	0.006	0.006
Oct 28 2021 12:22:00 PM	0.005	0.006	0.006	0.006
Oct 28 2021 12:23:00 PM	0.027	0.006	0.008	0.006
Oct 28 2021 12:24:00 PM	0.005	0.006	0.008	0.006
Oct 28 2021 12:25:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:26:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:27:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:28:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:29:00 PM	0.004	0.006	0.007	0.006
Oct 28 2021 12:30:00 PM	0.006	0.006	0.007	0.006
Oct 28 2021 12:31:00 PM	0.006	0.006	0.007	0.006
Oct 28 2021 12:32:00 PM	0.005	0.006	0.007	0.006
Oct 28 2021 12:33:00 PM	0.005	0.006	0.007	0.006
Oct 28 2021 12:34:00 PM	0.009	0.006	0.008	0.006
Oct 28 2021 12:35:00 PM	0.008	0.006	0.007	0.006
Oct 28 2021 12:36:00 PM	0.005	0.006	0.007	0.007
Oct 28 2021 12:37:00 PM	0.01	0.006	0.007	0.007
Oct 28 2021 12:38:00 PM	0.017	0.006	0.007	0.007
Oct 28 2021 12:39:00 PM	0.006	0.006	0.007	0.007
Oct 28 2021 12:40:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:41:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:42:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:43:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:44:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:45:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:46:00 PM	0.004	0.006	0.007	0.007
Oct 28 2021 12:47:00 PM	0.006	0.006	0.007	0.007
Oct 28 2021 12:48:00 PM	0.005	0.006	0.007	0.007
Oct 28 2021 12:49:00 PM	0.009	0.006	0.007	0.007
Oct 28 2021 12:50:00 PM	0.069	0.006	0.007	0.007
Oct 28 2021 12:51:00 PM	0.004	0.007	0.007	0.007
Oct 28 2021 12:52:00 PM	0.004	0.007	0.022	0.007
Oct 28 2021 12:53:00 PM	0.004	0.007	0.008	0.007
Oct 28 2021 12:54:00 PM	0.067	0.007	0.01	0.007
Oct 28 2021 12:55:00 PM	0.025	0.007	0.012	0.007
Oct 28 2021 12:56:00 PM	0.006	0.007	0.015	0.007
Oct 28 2021 12:57:00 PM	0.005	0.007	0.008	0.007
Oct 28 2021 12:58:00 PM	0.022	0.007	0.008	0.007
Oct 28 2021 12:59:00 PM	0.054	0.007	0.02	0.007
Oct 28 2021 1:00:00 PM	0.045	0.007	0.033	0.007
Oct 28 2021 1:01:00 PM	0.04	0.007	0.036	0.007
Oct 28 2021 1:02:00 PM	0.006	0.007	0.029	0.007
Oct 28 2021 1:03:00 PM	0.004	0.007	0.009	0.007
Oct 28 2021 1:04:00 PM	0.006	0.007	0.008	0.007
Oct 28 2021 1:05:00 PM	0.039	0.007	0.007	0.007
Oct 28 2021 1:06:00 PM	0.005	0.007	0.008	0.007
Oct 28 2021 1:07:00 PM	0.004	0.007	0.007	0.007

**APPENDIX B**

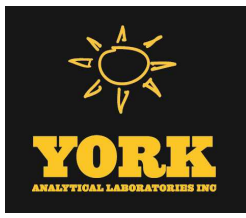
<b>End Time</b>	<b>47119 Dust Trak Mass Conc. Total (Avg)</b>	<b>47119 Dust Trak TWA (Avg)</b>	<b>50061 Dust Trak Mass Conc. Total (Avg)</b>	<b>50061 Dust Trak TWA (Avg)</b>
Oct 28 2021 1:08:00 PM	0.004	0.007	0.007	0.007
Oct 28 2021 1:09:00 PM	0.048	0.007	0.01	0.007
Oct 28 2021 1:10:00 PM	0.007	0.007	0.016	0.007
Oct 28 2021 1:11:00 PM	0.005	0.007	0.01	0.007
Oct 28 2021 1:12:00 PM	0.033	0.007	0.013	0.007
Oct 28 2021 1:13:00 PM	0.04	0.008	0.043	0.007
Oct 28 2021 1:14:00 PM	0.004	0.008	0.016	0.007
Oct 28 2021 1:15:00 PM	0.052	0.008	0.007	0.007
Oct 28 2021 1:16:00 PM	0.009	0.008	0.007	0.008
Oct 28 2021 1:17:00 PM	0.123	0.008	0.01	0.008
Oct 28 2021 1:18:00 PM	0.06	0.008	0.028	0.008
Oct 28 2021 1:19:00 PM	0.012	0.008	0.032	0.008
Oct 28 2021 1:20:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:21:00 PM	0.004	0.008	0.01	0.008
Oct 28 2021 1:22:00 PM	0.004	0.008	0.013	0.008
Oct 28 2021 1:23:00 PM	0.027	0.008	0.009	0.008
Oct 28 2021 1:24:00 PM	0.005	0.008	0.007	0.008
Oct 28 2021 1:25:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:26:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:27:00 PM	0.02	0.008	0.008	0.008
Oct 28 2021 1:28:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:29:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:30:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:31:00 PM	0.004	0.008	0.007	0.008
Oct 28 2021 1:32:00 PM	0.059	0.008	0.017	0.008
Oct 28 2021 1:33:00 PM	0.118	0.008	0.14	0.008
Oct 28 2021 1:34:00 PM	0.009	0.009	0.116	0.008
Oct 28 2021 1:35:00 PM	0.004	0.009	0.026	0.008
Oct 28 2021 1:36:00 PM	0.04	0.009	0.008	0.008
Oct 28 2021 1:37:00 PM	0.007	0.009	0.013	0.009
Oct 28 2021 1:38:00 PM	0.175	0.009	0.007	0.009
Oct 28 2021 1:39:00 PM	0.008	0.009	0.011	0.009
Oct 28 2021 1:40:00 PM	0.01	0.009	0.009	0.009
Oct 28 2021 1:41:00 PM	0.005	0.009	0.007	0.009
Oct 28 2021 1:42:00 PM	0.007	0.009	0.007	0.009
Oct 28 2021 1:43:00 PM	0.007	0.009	0.007	0.009
Oct 28 2021 1:44:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:45:00 PM	0.006	0.009	0.008	0.009
Oct 28 2021 1:46:00 PM	0.04	0.009	0.007	0.009
Oct 28 2021 1:47:00 PM	0.015	0.009	0.007	0.009
Oct 28 2021 1:48:00 PM	0.007	0.009	0.007	0.009
Oct 28 2021 1:49:00 PM	0.005	0.009	0.007	0.009
Oct 28 2021 1:50:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:51:00 PM	0.008	0.009	0.007	0.009
Oct 28 2021 1:52:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:53:00 PM	0.005	0.009	0.007	0.009
Oct 28 2021 1:54:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:55:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:56:00 PM	0.004	0.009	0.007	0.009
Oct 28 2021 1:57:00 PM	0.007	0.01	0.007	0.009
Oct 28 2021 1:58:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 1:59:00 PM	0.004	0.01	0.007	0.009

APPENDIX B

End Time	47119 Dust Trak Mass Conc. Total (Avg)	47119 Dust Trak TWA (Avg)	50061 Dust Trak Mass Conc. Total (Avg)	50061 Dust Trak TWA (Avg)
Oct 28 2021 2:00:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:01:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:02:00 PM	0.005	0.01	0.008	0.009
Oct 28 2021 2:03:00 PM	0.005	0.01	0.008	0.009
Oct 28 2021 2:04:00 PM	0.005	0.01	0.008	0.009
Oct 28 2021 2:05:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:06:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:07:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:08:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:09:00 PM	0.004	0.01	0.007	0.009
Oct 28 2021 2:10:00 PM	0.004	0.01	0.008	0.009
Oct 28 2021 2:11:00 PM	0.005	0.01	0.005	0.009
Oct 28 2021 2:12:00 PM	0.006	0.01	0.011	0.009
Oct 28 2021 2:13:00 PM	0.005	0.01	0.004	0.009
Oct 28 2021 2:14:00 PM	0.004	0.01	0.004	0.009
Oct 28 2021 2:15:00 PM	0.005	0.01	0.006	0.009
Oct 28 2021 2:16:00 PM	0.005	0.01	0.005	0.009
Oct 28 2021 2:17:00 PM	0.005	0.01	0.004	0.009
Oct 28 2021 2:18:00 PM	0.005	0.01	0.006	0.009
Oct 28 2021 2:19:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:20:00 PM	0.006	0.01	0.006	0.009
Oct 28 2021 2:21:00 PM	0.009	0.01	0.007	0.009
Oct 28 2021 2:22:00 PM	0.005	0.01	0.003	0.009
Oct 28 2021 2:23:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:24:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:25:00 PM	0.007	0.01	0.001	0.009
Oct 28 2021 2:26:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:27:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:28:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:29:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:30:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:31:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:32:00 PM	0.013	0.01	0.001	0.009
Oct 28 2021 2:33:00 PM	0.007	0.01	0.001	0.009
Oct 28 2021 2:34:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:35:00 PM	0.008	0.01	0.001	0.009
Oct 28 2021 2:36:00 PM	0.024	0.01	0.001	0.009
Oct 28 2021 2:37:00 PM	0.008	0.01	0.001	0.009
Oct 28 2021 2:38:00 PM	0.028	0.01	0.001	0.009
Oct 28 2021 2:39:00 PM	0.031	0.01	0.001	0.009
Oct 28 2021 2:40:00 PM	0.063	0.01	0.001	0.009
Oct 28 2021 2:41:00 PM	0.034	0.01	0.001	0.009
Oct 28 2021 2:42:00 PM	0.048	0.01	0.001	0.009
Oct 28 2021 2:43:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:44:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:45:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:46:00 PM	0.004	0.01	0.001	0.009
Oct 28 2021 2:47:00 PM	0.005	0.01	0.001	0.009
Oct 28 2021 2:48:00 PM	0.005		0.001	0.009
Oct 28 2021 2:49:00 PM	0.006		0.001	0.009
Oct 28 2021 2:50:00 PM	0.005		0.001	0.009
Oct 28 2021 2:51:00 PM			0.001	0.009
Oct 28 2021 2:52:00 PM			0.001	0.009
Oct 28 2021 2:53:00 PM			0.001	0.009
Oct 28 2021 2:54:00 PM			0.001	0.009
Oct 28 2021 2:55:00 PM			0.001	0.009
Oct 28 2021 2:56:00 PM			0.001	0.009
Oct 28 2021 2:57:00 PM			0.001	0.009
Oct 28 2021 2:58:00 PM			0	0

## **APPENDIX C**





# Technical Report

prepared for:

**First Environment, Inc.**  
10 Park Place Building 1A  
Butler NJ, 07405  
**Attention: David Luer**

Report Date: 11/02/2021

**Client Project ID: WESTCO28 Westchester Airport Disposal**  
York Project (SDG) No.: 21J1091

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 11/02/2021  
Client Project ID: WESTCO28 Westchester Airport Disposal  
York Project (SDG) No.: 21J1091

**First Environment, Inc.**  
10 Park Place Building 1A  
Butler NJ, 07405  
Attention: David Luer

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## 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 October 22, 2021 and listed below. The project was identified as your project: **WESTCO28 Westchester Airport Disposal**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21J1091-01	S-1	Soil	10/22/2021	10/22/2021
21J1091-02	S-2	Soil	10/22/2021	10/22/2021
21J1091-03	S-3	Soil	10/22/2021	10/22/2021
21J1091-04	S-4	Soil	10/22/2021	10/22/2021
21J1091-05	S-5	Soil	10/22/2021	10/22/2021
21J1091-06	S-6	Soil	10/22/2021	10/22/2021
21J1091-07	S-7	Soil	10/22/2021	10/22/2021
21J1091-08	S-8	Soil	10/22/2021	10/22/2021

## **General Notes for York Project (SDG) No.: 21J1091**

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:** 

**Date:** 11/02/2021

Cassie L. Mosher  
Laboratory Manager





## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21J1091	WESTCO28 Westchester Airport Disposal	Soil	October 22, 2021 11:20 am	10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 16:35	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 16:35	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC



## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC



### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:20 am	<u>Date Received</u> 10/22/2021
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**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-09-2	<b>Methylene chloride</b>	<b>0.023</b>	SCAL-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 16:35	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 16:35	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %	77-125



## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

York Project (SDG) No.

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Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:15	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:15	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC



### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC





### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:15	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:15	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-09-2	<b>Methylene chloride</b>	<b>350</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC



## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:20 am	<u>Date Received</u> 10/22/2021
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**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:15	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:15	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:15	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:15	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:15	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			86-118						



### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %			81-114						

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 15:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH



### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH



### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 15:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH



### Sample Information

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**York Sample ID:** 21J1091-01

**York Project (SDG) No.**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 15:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 15:50	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 15:50	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 15:50	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.8 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	31.6 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.0 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.6 %			24.8-127						



## Sample Information

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: <i>SURR:</i> <i>2,4,6-Tribromophenol</i>	95.6 %			23-163						
1718-51-0	Surrogate: <i>SURR: Terphenyl-d14</i>	66.7 %			25.8-110						

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	1.01		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	0.603		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	1.29		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	0.623		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	16.7		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
375-95-1	* Perfluorononanoic acid (PFNA)	0.956		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	24.4		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	0.628		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	22.0		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	0.331		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1.99		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL



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10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.06		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.91		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL
375-22-4	* Perfluoro-n-butyric acid (PFBA)	0.436		ug/kg dry	0.260	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:45	WL

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: M3PFBS	91.6 %	25-150
Surrogate: M5PFHxA	86.8 %	25-150
Surrogate: M4PFHpA	89.5 %	25-150
Surrogate: M3PFHxS	85.1 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	90.0 %	25-150
Surrogate: M6PFDA	90.7 %	25-150
Surrogate: M7PFUdA	64.5 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	73.5 %	25-150
Surrogate: M2PFTeDA	82.5 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.4 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	78.4 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	94.8 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	64.8 %	10-150
Surrogate: d3-N-MeFOSAA	71.7 %	25-150
Surrogate: d5-N-EtFOSAA	120 %	25-150
Surrogate: M2-6:2 FTS	80.2 %	25-200
Surrogate: M2-8:2 FTS	84.5 %	25-200
Surrogate: M9PFNA	77.5 %	25-150

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:11	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:11	CM







### Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21J1091	WESTCO28 Westchester Airport Disposal	Soil	October 22, 2021 11:20 am	10/22/2021

93-76-5	2,4,5-T	ND	ug/L	5.00	1	EPA 8151A/1311	10/29/2021 10:05	10/29/2021 17:26	BJ
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP							
93-72-1	2,4,5-TP (Silvex)	ND	ug/L	5.00	1	EPA 8151A/1311	10/29/2021 10:05	10/29/2021 17:26	BJ
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP							
94-75-7	2,4-D	ND	ug/L	5.00	1	EPA 8151A/1311	10/29/2021 10:05	10/29/2021 17:26	BJ
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP							
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	72.2 %	10-130						

#### Total Petroleum Hydrocarbons-DRO (C10-C28)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>38.1</b>		mg/kg dry	10.7	1	EPA 8015D	10/26/2021 12:13	10/26/2021 22:55	SK
		Certifications: NELAC-NY10854,NJDEP,PADEP								
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacotane	68.4 %	30-150							

#### Total Petroleum Hydrocarbons-GRO (C5-C10)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	75.5	100	EPA 8015D	10/27/2021 09:00	10/27/2021 19:33	OC
		Certifications: NELAC-NY10854,NJDEP,PADEP								
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	169 %	S-03	70-130						

#### Metals, TCLP RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:05	RTH
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP								



## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:20 am

10/22/2021

### Mercury, TCLP

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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NIDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

### Ammonia Nitrogen as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

### Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	12000		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

### Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.14		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

### Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

### Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	72.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT

### Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.4		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT



## Sample Information

**Client Sample ID:** S-1

**York Sample ID:** 21J1091-01

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:20 am	<u>Date Received</u> 10/22/2021
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**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/25/2021 14:27	10/25/2021 21:46	ZTS

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/25/2021 15:57	10/26/2021 17:30	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:01	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:01	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-09-2	<b>Methylene chloride</b>	<b>0.018</b>	SCAL-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:01	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:01	OC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	109 %	77-125
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	99.7 %	85-120



### Sample Information

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**York Sample ID:** 21J1091-02

**York Project (SDG) No.**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: Surr: p-Bromofluorobenzene	102 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:42	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:42	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC





## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC



## Sample Information

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:42	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:42	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-09-2	<b>Methylene chloride</b>	<b>270</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

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Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:42	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:42	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 12:42	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 12:42	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 12:42	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %			81-114						



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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH



### Sample Information

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**York Sample ID:** 21J1091-02

**York Project (SDG) No.**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH



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**York Sample ID:** 21J1091-02

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 16:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH



### Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:22	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:22	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:22	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.1 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	32.3 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	81.8 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.2 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	101 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.2 %			25.8-110						

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				RICHMOND HILL, NY 11418
						FAX (203) 357-0166				ClientServices@yorklab.com



## Sample Information

**Client Sample ID:** S-2

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	1.40		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	1.68		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	6.01		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2.14		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	93.7		ug/kg dry	1.32	5	EPA 537m Certifications:	10/27/2021 10:37	10/29/2021 14:01	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.71		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	0.878		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	33.5		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	0.725		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	17.1		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	0.274		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1.55		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0.301		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.661		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.5		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.9		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	0.500		ug/kg dry	0.264	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 21:57	WL





### Sample Information

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
	Surrogate: M3PFBS	89.9 %								
	Surrogate: M5PFHxA	95.4 %								
	Surrogate: M4PFHpA	92.5 %								
	Surrogate: M3PFHxS	88.0 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	86.9 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	97.1 %								
	Surrogate: M6PFDA	90.6 %								
	Surrogate: M7PFUdA	65.0 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.5 %								
	Surrogate: M2PFTeDA	79.8 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.6 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	65.0 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	74.7 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	103 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	62.6 %								
	Surrogate: d3-N-MeFOSAA	61.7 %								
	Surrogate: d5-N-EtFOSAA	92.9 %								
	Surrogate: M2-6:2 FTS	86.3 %								
	Surrogate: M2-8:2 FTS	103 %								
	Surrogate: M9PFNA	64.8 %								

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM



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**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:28	CM

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3 Surrogate: Decachlorobiphenyl 108 %

30-150

877-09-8 Surrogate: Tetrachloro-m-xylene 127 %

30-150

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:36	BJ



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**HERB, TCLP MASTER**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:36	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:36	BJ
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	59.2 %					10-130			

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>22.6</b>		mg/kg dry	10.5	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/26/2021 12:13	10/26/2021 23:26	SK
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacontane	64.5 %					30-150			

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-GRO</b>	<b>ND</b>		mg/kg dry	67.6	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/27/2021 09:00	10/27/2021 20:09	OC
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	151 %	S-03				70-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:08	RTH

**Mercury, TCLP**

**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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

**Ammonia Nitrogen as N**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

**Chemical Oxygen Demand (COD)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	8400		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

**Corrosivity (pH) by SM 4500/EPA 9045D**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.14		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

**Reactivity-Cyanide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

**Reactivity-Sulfide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	112		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT



## Sample Information

**Client Sample ID:** S-2

**York Sample ID:** 21J1091-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:25 am

10/22/2021

**Temperature**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		21.7		°C	1.00	1	EPA 170.1	10/28/2021 11:22	10/28/2021 18:47	JAMT
Certifications:										

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P	10/25/2021 14:27	10/25/2021 21:46	ZTS
Certifications:										

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Paint Filter Test		No Free Liquid		None	0.05	1	EPA 9095B	10/25/2021 15:57	10/26/2021 17:30	AA
Certifications: NELAC-NY10854,NJDEP										

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.0		%	0.100	1	SM 2540G	10/29/2021 10:19	10/29/2021 14:47	JAG
Certifications: CTDOH										

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311	10/27/2021 18:42	10/28/2021 15:10	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

**TCLP Extraction for SVOCs/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311	10/27/2021 18:30	10/28/2021 15:11	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311	10/28/2021 16:59	10/29/2021 11:20	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



### Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:30 am	<u>Date Received</u> 10/22/2021
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**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:27	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:27	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC



### Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-09-2	<b>Methylene chloride</b>	<b>0.024</b>	SCAL-E	mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:27	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:27	OC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								





### Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: Surr: p-Bromofluorobenzene	101 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 13:17	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 13:17	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

York Project (SDG) No.

Client Project ID

Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

York Project (SDG) No.

Client Project ID

Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 13:17	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 13:17	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-09-2	<b>Methylene chloride</b>	<b>32</b>	<b>J</b>	ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC



### Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 13:17	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 13:17	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 13:17	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 13:17	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 13:17	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	65-135
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	86-118
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %	81-114



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:30 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH



## Sample Information

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH



### Sample Information

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**York Sample ID:** 21J1091-03

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 16:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH



### Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:30 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:54	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:54	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 16:54	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 16:54	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	42.9 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	30.9 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	72.0 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.8 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	89.8 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	60.1 %	25.8-110

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615		■			132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371					FAX (203) 357-0166		ClientServices@yorklab.com		





## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:30 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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)	0.537		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	4.57		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.05		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	11.1		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2.77		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	84.4		ug/kg dry	1.31	5	EPA 537m Certifications:	10/27/2021 10:37	10/29/2021 14:14	WL
375-95-1	* Perfluorononanoic acid (PFNA)	4.19		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	1.09		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	35.1		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	0.694		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	12.9		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	5.64		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.790		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	9.67		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.4		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	1.30		ug/kg dry	0.261	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:09	WL



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: M3PFBS	100 %		25-150						
	Surrogate: M5PFHxA	103 %		25-150						
	Surrogate: M4PFHpA	99.1 %		25-150						
	Surrogate: M3PFHxS	99.0 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	103 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	108 %		25-150						
	Surrogate: M6PFDA	76.6 %		25-150						
	Surrogate: M7PFUdA	63.8 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.8 %		25-150						
	Surrogate: M2PFTeDA	66.8 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	109 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	70.3 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	64.6 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	106 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	32.8 %		10-150						
	Surrogate: d3-N-MeFOSAA	47.3 %		25-150						
	Surrogate: d5-N-EtFOSAA	85.2 %		25-150						
	Surrogate: M2-6:2 FTS	60.2 %		25-200						
	Surrogate: M2-8:2 FTS	118 %		25-200						
	Surrogate: M9PFNA	73.8 %		25-150						

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM



### Sample Information

**Client Sample ID:** S-3

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**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 11:44	CM

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3 Surrogate: Decachlorobiphenyl 90.5 %

30-150

877-09-8 Surrogate: Tetrachloro-m-xylene 102 %

30-150

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:47	BJ



## Sample Information

**Client Sample ID:** S-3

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WESTCO28 Westchester Airport Disposal

Soil

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**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:47	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:47	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	67.6 %			10-130					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	10.4	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/26/2021 12:13	10/26/2021 23:56	SK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
638-68-6	Surrogate: Triacontane	65.0 %			30-150					

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	74.0	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/27/2021 09:00	10/27/2021 20:46	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	149 %	S-03		70-130					

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH
7440-39-3	Barium	0.701		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:10	RTH



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:30 am

10/22/2021

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:10	RTH	
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP				

**Mercury, TCLP**

**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	0.000200	1	EPA 7470/1311	10/28/2021 15:39	10/28/2021 15:39	AD	
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854				

**Ammonia Nitrogen as N**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D	10/29/2021 14:18	10/29/2021 16:08	ZTS	
							Certifications:				

**Chemical Oxygen Demand (COD)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Chemical Oxygen Demand (COD)	8700		mg/kg dry	1100	1	SM 5220 D	10/28/2021 10:41	10/28/2021 15:08	AD	
							Certifications:				

**Corrosivity (pH) by SM 4500/EPA 9045D**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	pH	7.17		pH units	0.500	1	EPA 9045D	10/28/2021 11:22	10/28/2021 18:47	JAMT	
							Certifications: NELAC-NY10854,CTDOH,PADEP				

**Reactivity-Cyanide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	10/25/2021 10:55	10/25/2021 18:42	JAMT	
							Certifications: CTDOH,PADEP				

**Reactivity-Sulfide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Sulfide	80.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	10/25/2021 11:01	10/25/2021 18:43	JAMT	
							Certifications: CTDOH,PADEP				



## Sample Information

**Client Sample ID:** S-3

**York Sample ID:** 21J1091-03

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:30 am	<u>Date Received</u> 10/22/2021
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**Temperature**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		22.4		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/25/2021 14:27	10/25/2021 21:46	ZTS

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Paint Filter Test		No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/25/2021 15:57	10/26/2021 17:30	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.9		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCs/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ



## Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:54	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:54	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC



### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0063	ICV-E, J	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC





### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-09-2	<b>Methylene chloride</b>	<b>0.0097</b>	SCAL-E	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 17:54	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 17:54	OC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	108 %	77-125
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	101 %	85-120



### Sample Information

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**York Sample ID:** 21J1091-04

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.9 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 11:56	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 11:56	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC



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Soil

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10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC



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10/22/2021

**VOA, TCLP MASTER**

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**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 11:56	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 11:56	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-09-2	<b>Methylene chloride</b>	<b>25</b>	<b>J</b>	ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC



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**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 11:56	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 11:56	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	11/01/2021 09:00	11/01/2021 11:56	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/01/2021 09:00	11/01/2021 11:56	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/01/2021 09:00	11/01/2021 11:56	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %			81-114						



## Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:35 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH



### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH



### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 17:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH





### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:35 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:26	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:26	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:26	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	36.0 %									
4165-62-2	Surrogate: SURR: Phenol-d5	31.2 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.3 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.2 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.2 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.9 %									

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				RICHMOND HILL, NY 11418
						FAX (203) 357-0166				ClientServices@yorklab.com



## Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:35 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	0.720		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	0.418		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	4.24		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	0.747		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	73.4		ug/kg dry	1.29	5	EPA 537m Certifications:	10/27/2021 10:37	10/29/2021 14:26	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.00		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	0.887		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	19.0		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	0.553		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	17.2		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	0.317		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	0.878		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.864		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.0		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.3		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	0.326		ug/kg dry	0.257	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:21	WL



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10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
	Surrogate: M3PFBS	98.1 %								
	Surrogate: M5PFHxA	107 %								
	Surrogate: M4PFHpA	101 %								
	Surrogate: M3PFHxS	106 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	96.3 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	132 %								
	Surrogate: M6PFDA	87.8 %								
	Surrogate: M7PFUdA	77.8 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	85.4 %								
	Surrogate: M2PFTeDA	84.3 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	102 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	72.4 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	79.5 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	102 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	59.1 %								
	Surrogate: d3-N-MeFOSAA	70.0 %								
	Surrogate: d5-N-EtFOSAA	107 %								
	Surrogate: M2-6:2 FTS	65.6 %								
	Surrogate: M2-8:2 FTS	71.1 %								
	Surrogate: M9PFNA	72.3 %								

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM



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**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:01	CM

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3 Surrogate: Decachlorobiphenyl 84.5 %

30-150

877-09-8 Surrogate: Tetrachloro-m-xylene 97.9 %

30-150

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:58	BJ



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**HERB, TCLP MASTER**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:58	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 17:58	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.8 %					10-130			

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.1	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/26/2021 12:13	10/27/2021 00:26	SK
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacontane	62.1 %					30-150			

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	81.5	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/27/2021 09:00	10/27/2021 21:23	OC
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	145 %	S-03				70-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH
7440-39-3	Barium	0.683		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH



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**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:13	RTH

**Mercury, TCLP**

**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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

**Ammonia Nitrogen as N**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

**Chemical Oxygen Demand (COD)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	9100		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

**Corrosivity (pH) by SM 4500/EPA 9045D**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.26		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

**Reactivity-Cyanide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

**Reactivity-Sulfide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	112		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT



### Sample Information

**Client Sample ID:** S-4

**York Sample ID:** 21J1091-04

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:35 am	<u>Date Received</u> 10/22/2021
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**Temperature**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		22.3		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/25/2021 14:27	10/25/2021 21:46	ZTS

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Paint Filter Test		No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/25/2021 15:57	10/26/2021 17:30	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids * % Solids		87.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCs/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:20	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:20	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC





## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC



## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-09-2	<b>Methylene chloride</b>	<b>0.010</b>	SCAL-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:20	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:20	OC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0 *Surrogate: SURR: 1,2-Dichloroethane-d4*

110 %

77-125

2037-26-5 *Surrogate: SURR: Toluene-d8*

103 %

85-120



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:03	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:03	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:03	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:03	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-09-2	<b>Methylene chloride</b>	<b>190</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC



## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:03	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:03	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:03	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:03	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:03	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %			81-114						



## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH





### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 17:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:57	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 17:57	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 17:57	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.9 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	31.2 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.8 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.0 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	96.9 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.6 %			25.8-110						

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				RICHMOND HILL, NY 11418
						FAX (203) 357-0166				ClientServices@yorklab.com



## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	0.437		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	0.648		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	3.23		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	0.563		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	12.3		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
375-95-1	* Perfluorononanoic acid (PFNA)	0.365		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	1.99		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	0.856		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	0.935		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.318		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.93		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.27		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	1.68		ug/kg dry	0.280	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:34	WL



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
	Surrogate: M3PFBS	85.4 %								
	Surrogate: M5PFHxA	93.3 %								
	Surrogate: M4PFHpA	88.9 %								
	Surrogate: M3PFHxS	94.2 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	94.8 %								
	Surrogate: M6PFDA	82.3 %								
	Surrogate: M7PFUDA	66.4 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	67.6 %								
	Surrogate: M2PFTeDA	71.1 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.3 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	74.9 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	88.6 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	46.3 %								
	Surrogate: d3-N-MeFOSAA	55.9 %								
	Surrogate: d5-N-EtFOSAA	90.3 %								
	Surrogate: M2-6:2 FTS	88.8 %								
	Surrogate: M2-8:2 FTS	85.4 %								
	Surrogate: M9PFNA	72.3 %								

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:18	CM
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	80.3 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	96.8 %			30-150					

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:09	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:09	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:09	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	65.4 %			10-130					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>49.7</b>		mg/kg dry	11.4	1	EPA 8015D	10/26/2021 12:13	10/27/2021 00:56	SK
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacontane	68.0 %					30-150			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	86.1	100	EPA 8015D	10/27/2021 09:00	10/27/2021 22:01	OC
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	139 %	S-03				70-130			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:16	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

**Mercury, TCLP**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:40 am	<u>Date Received</u> 10/22/2021
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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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

#### Ammonia Nitrogen as N

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

#### Chemical Oxygen Demand (COD)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	6500		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

#### Corrosivity (pH) by SM 4500/EPA 9045D

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.65		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

#### Reactivity-Cyanide

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

#### Reactivity-Sulfide

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	112		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT

#### Temperature

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.2		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT



## Sample Information

**Client Sample ID:** S-5

**York Sample ID:** 21J1091-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:40 am

10/22/2021

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/25/2021 14:27	10/25/2021 21:46	ZTS

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Paint Filter Test		No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/28/2021 08:46	10/29/2021 00:31	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.2		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCs/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ





## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:45 am	<u>Date Received</u> 10/22/2021
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**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:46	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:46	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC



### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-09-2	<b>Methylene chloride</b>	<b>0.012</b>	SCAL-E	mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 18:46	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 18:46	OC
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						



### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: Surr: p-Bromofluorobenzene	105 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:30	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:30	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC



### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:30	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:30	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-09-2	<b>Methylene chloride</b>	<b>180</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:30	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:30	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:30	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:30	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:30	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %			81-114						



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:45 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH





### Sample Information

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WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH



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**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 18:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH



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**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:28	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:28	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:28	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.6 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	33.3 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.6 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.8 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.1 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.3 %			25.8-110						

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				RICHMOND HILL, NY 11418
						FAX (203) 357-0166				ClientServices@yorklab.com



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	0.785		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	0.628		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	4.01		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	0.644		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	11.2		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
375-95-1	* Perfluorononanoic acid (PFNA)	0.339		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	1.47		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	0.826		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1.29		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0.342		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.77		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.06		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	1.29		ug/kg dry	0.271	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 22:58	WL



### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:45 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: M3PFBS	90.0 %			25-150					
	Surrogate: M5PFHxA	94.0 %			25-150					
	Surrogate: M4PFHpA	89.5 %			25-150					
	Surrogate: M3PFHxS	95.4 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	89.5 %			25-150					
	Surrogate: M6PFDA	78.0 %			25-150					
	Surrogate: M7PFUdA	63.3 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	72.8 %			25-150					
	Surrogate: M2PFTeDA	74.4 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	89.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.4 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	90.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	51.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	58.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	79.7 %			25-150					
	Surrogate: M2-6:2 FTS	52.4 %			25-200					
	Surrogate: M2-8:2 FTS	75.8 %			25-200					
	Surrogate: M9PFNA	90.0 %			25-150					

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM



### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:35	CM
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	86.2 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	99.4 %			30-150					

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:19	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:19	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:19	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:45 am

10/22/2021

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	52.0 %			10-130					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>66.3</b>		mg/kg dry	11.3	1	EPA 8015D	10/26/2021 12:13	10/27/2021 01:56	SK
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacontane	79.4 %					30-150			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	77.1	100	EPA 8015D	10/27/2021 09:00	10/27/2021 22:38	OC
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	133 %	S-03				70-130			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

**Mercury, TCLP**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:45 am	<u>Date Received</u> 10/22/2021
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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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

### Ammonia Nitrogen as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

### Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	5100		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

### Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.19		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

### Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

### Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT

### Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.4		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT

### Ignitability

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE  
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132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
ClientServices@yorklab.com





### Sample Information

**Client Sample ID:** S-6

**York Sample ID:** 21J1091-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21J1091	WESTCO28 Westchester Airport Disposal	Soil	October 22, 2021 11:45 am	10/22/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/28/2021 15:20	10/28/2021 16:47	JAG

#### Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/28/2021 08:46	10/29/2021 00:31	AA

#### Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

#### TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

#### TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

#### TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ

### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21J1091	WESTCO28 Westchester Airport Disposal	Soil	October 22, 2021 11:50 am	10/22/2021



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:31	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:31	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-09-2	<b>Methylene chloride</b>	<b>0.015</b>		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:31	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:31	OC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:57	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:57	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:57	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:57	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-09-2	<b>Methylene chloride</b>	<b>170</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:57	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:57	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 14:57	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 14:57	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 14:57	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %			81-114						





## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 18:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:59	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 18:59	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 18:59	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.7 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	31.4 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.8 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.7 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.2 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.6 %			25.8-110						

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615		■				132-02 89th AVENUE			RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166			ClientServices@yorklab.com



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
307-24-4	* <b>Perfluorohexanoic acid (PFHxA)</b>	<b>0.677</b>		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
355-46-4	* <b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>3.29</b>		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
335-67-1	* <b>Perfluorooctanoic acid (PFOA)</b>	<b>2.54</b>		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
1763-23-1	* <b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>52.2</b>		ug/kg dry	1.34	5	EPA 537m Certifications:	10/27/2021 10:37	10/29/2021 14:38	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
2706-90-3	* <b>Perfluoropentanoic acid (PFPeA)</b>	<b>0.321</b>		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
375-92-8	* <b>Perfluoro-1-heptanesulfonic acid (PFHpS)</b>	<b>0.578</b>		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.269	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:10	WL

<b>Surrogate Recoveries</b>	<b>Result</b>	<b>Acceptance Range</b>
<i>Surrogate: M3PFBS</i>	<i>91.6 %</i>	<i>25-150</i>



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	92.9 %			25-150					
	Surrogate: M4PFHpA	91.7 %			25-150					
	Surrogate: M3PFHxS	85.4 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	107 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %			25-150					
	Surrogate: M6PFDA	59.6 %			25-150					
	Surrogate: M7PFUDA	58.2 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	73.9 %			25-150					
	Surrogate: M2PFTeDA	65.7 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	55.4 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	53.9 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	97.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	52.0 %			10-150					
	Surrogate: d3-N-MeFOSAA	53.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	75.8 %			25-150					
	Surrogate: M2-6:2 FTS	55.5 %			25-200					
	Surrogate: M2-8:2 FTS	64.5 %			25-200					
	Surrogate: M9PFNA	64.2 %			25-150					

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 12:52	CM
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	75.0 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	90.3 %			30-150					

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:30	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:30	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:30	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					



### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	51.0 %			10-130					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>32.2</b>		mg/kg dry	10.8	1	EPA 8015D	10/26/2021 12:13	10/27/2021 02:26	SK
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacontane	65.0 %					30-150			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	80.3	100	EPA 8015D	10/27/2021 12:30	10/28/2021 06:01	OC
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %					70-130			

Certifications: NELAC-NY10854,NJDEP,PADEP

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	0.776		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	10/29/2021 13:30	10/29/2021 16:22	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

**Mercury, TCLP**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:50 am	<u>Date Received</u> 10/22/2021
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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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

#### Ammonia Nitrogen as N

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

#### Chemical Oxygen Demand (COD)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	9400		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

#### Corrosivity (pH) by SM 4500/EPA 9045D

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.37		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

#### Reactivity-Cyanide

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

#### Reactivity-Sulfide

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	104		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT

#### Temperature

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.7		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT



## Sample Information

**Client Sample ID:** S-7

**York Sample ID:** 21J1091-07

**York Project (SDG) No.**

**Client Project ID**

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21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:50 am

10/22/2021

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/28/2021 15:20	10/28/2021 16:47	JAG

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/28/2021 08:46	10/29/2021 00:31	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCs/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:59	OC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:59	OC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-09-2	<b>Methylene chloride</b>	<b>0.0085</b>	J	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/28/2021 09:00	10/28/2021 15:59	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/28/2021 09:00	10/28/2021 15:59	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**Volatiles, 8260 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

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	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 15:24	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 15:24	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	100	200	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
591-78-6	2-Hexanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
67-64-1	Acetone	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
107-02-8	Acrolein	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
107-13-1	Acrylonitrile	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-15-0	Carbon disulfide	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
110-82-7	Cyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
64-17-5	Ethanol	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
100-41-4	Ethyl Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 15:24	OC
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
98-82-8	Isopropylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
79-20-9	Methyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
80-62-6	Methyl Methacrylate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 15:24	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-87-2	Methylcyclohexane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-09-2	<b>Methylene chloride</b>	<b>130</b>		ug/L	25	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
91-20-3	Naphthalene	ND		ug/L	25	100	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
103-65-1	n-Propylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
95-47-6	o-Xylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
179601-23-1	p- & m- Xylenes	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC





## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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**VOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 15:24	OC
622-96-8	* p-Ethyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 15:24	OC
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	400	800	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	40	80	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
109-99-9	* Tetrahydrofuran	ND		ug/L	50	100	10	EPA 8260C/1311 Certifications:	10/29/2021 09:00	10/29/2021 15:24	OC
108-88-3	Toluene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/29/2021 09:00	10/29/2021 15:24	OC
1330-20-7	Xylenes, Total	ND		ug/L	75	150	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/29/2021 09:00	10/29/2021 15:24	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %			81-114						



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
90-12-0	* 1-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 19:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
98-55-5	* Alpha Terpineol	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
120-12-7	Anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
1912-24-9	Atrazine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	50.0	100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
218-01-9	Chrysene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
1319-77-3	Cresols, total	ND		ug/L	20.0	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/29/2021 07:28	11/01/2021 19:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
86-73-7	Fluorene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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**SVOA, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
98-95-3	Nitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
82-68-8	* Pentachloronitrobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 19:30	KH
87-86-5	Pentachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
85-01-8	Phenanthrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
2312-35-8	* Propargite	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 19:30	KH
129-00-0	Pyrene	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:28	11/01/2021 19:30	KH
6025-45-2	* Resorcinol	ND		ug/L	5.00	10.0	1	EPA 8270D/1311 Certifications:	10/29/2021 07:28	11/01/2021 19:30	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	41.4 %									
4165-62-2	Surrogate: SURR: Phenol-d5	29.2 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.3 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.4 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.6 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.0 %									

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615									
www.YORKLAB.com	(203) 325-1371									
						132-02 89th AVENUE				RICHMOND HILL, NY 11418
						FAX (203) 357-0166				ClientServices@yorklab.com



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

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		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	0.597		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	0.335		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	6.13		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	1.75		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	47.8		ug/kg dry	1.36	5	EPA 537m Certifications:	10/27/2021 10:37	10/29/2021 14:50	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	0.866		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	1.36		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.470		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.88		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	0.355		ug/kg dry	0.272	1	EPA 537m Certifications:	10/27/2021 10:37	10/28/2021 23:23	WL

**Surrogate Recoveries**

**Result**

**Acceptance Range**



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21J1091	WESTCO28 Westchester Airport Disposal	Soil	October 22, 2021 11:55 am	10/22/2021

**PFAS, NYSDEC Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	84.0 %							25-150	
	Surrogate: M5PFHxA	88.9 %							25-150	
	Surrogate: M4PFHpA	87.2 %							25-150	
	Surrogate: M3PFHxS	87.0 %							25-150	
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	96.8 %							25-150	
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	98.6 %							25-150	
	Surrogate: M6PFDA	96.1 %							25-150	
	Surrogate: M7PFUdA	87.0 %							25-150	
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	84.0 %							25-150	
	Surrogate: M2PFTeDA	76.7 %							10-150	
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.8 %							25-150	
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	84.1 %							25-150	
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	101 %							25-150	
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	85.1 %							25-150	
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	60.5 %							10-150	
	Surrogate: d3-N-MeFOSAA	76.7 %							25-150	
	Surrogate: d5-N-EtFOSAA	111 %							25-150	
	Surrogate: M2-6:2 FTS	75.8 %							25-200	
	Surrogate: M2-8:2 FTS	105 %							25-200	
	Surrogate: M9PFNA	87.6 %							25-150	

**PEST, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

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	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
72-55-9	4,4'-DDE	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
50-29-3	4,4'-DDT	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
309-00-2	Aldrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
319-84-6	alpha-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM



### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21J1091

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Soil

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10/22/2021

**PEST, TCLP MASTER**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
319-85-7	beta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
319-86-8	delta-BHC	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
60-57-1	Dieldrin	ND		ug/L	0.0222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
959-98-8	Endosulfan I	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
33213-65-9	Endosulfan II	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
72-20-8	Endrin	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
53494-70-5	Endrin ketone	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.111	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 07:27	10/31/2021 13:09	CM
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
2051-24-3	Surrogate: Decachlorobiphenyl	84.6 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	101 %					30-150			

**HERB, TCLP MASTER**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:41	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:41	BJ





### Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

21J1091

WESTCO28 Westchester Airport Disposal

Soil

October 22, 2021 11:55 am

10/22/2021

**HERB, TCLP MASTER**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 10:05	10/29/2021 18:41	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	56.6 %							10-130	

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>51.6</b>		mg/kg dry	10.7	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/23/2021 17:00	10/26/2021 00:50	SK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
638-68-6	Surrogate: Triacontane	87.2 %							30-150	

**Total Petroleum Hydrocarbons-GRO (C5-C10)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	77.9	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	10/27/2021 12:30	10/28/2021 06:38	OC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %							70-130	

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

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	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7440-39-3	Barium	0.671		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2021 13:30	10/29/2021 16:30	RTH



## Sample Information

**Client Sample ID:** S-8

**York Sample ID:** 21J1091-08

<u>York Project (SDG) No.</u> 21J1091	<u>Client Project ID</u> WESTCO28 Westchester Airport Disposal	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 22, 2021 11:55 am	<u>Date Received</u> 10/22/2021
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### Mercury, TCLP

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	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NIDEP,PADEP,NELAC-NY10854	10/28/2021 15:39	10/28/2021 15:39	AD

### Ammonia Nitrogen as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	* Ammonia Nitrogen as N	ND		mg/kg	5.00	1	SM 4500-NH3 D Certifications:	10/29/2021 14:18	10/29/2021 16:08	ZTS

### Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Chemical Oxygen Demand (COD)	14000		mg/kg dry	1100	1	SM 5220 D Certifications:	10/28/2021 10:41	10/28/2021 15:08	AD

### Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.91		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/28/2021 11:22	10/28/2021 18:47	JAMT

### Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/25/2021 10:55	10/25/2021 18:42	JAMT

### Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	112		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/25/2021 11:01	10/25/2021 18:43	JAMT

### Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.2		°C	1.00	1	EPA 170.1 Certifications:	10/28/2021 11:22	10/28/2021 18:47	JAMT



### Sample Information

**Client Sample ID:** S-8

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**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	10/28/2021 15:20	10/28/2021 16:47	JAG

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	10/28/2021 08:46	10/29/2021 00:31	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.7		%	0.100	1	SM 2540G Certifications: CTDOH	10/29/2021 10:19	10/29/2021 14:47	JAG

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:42	10/28/2021 15:10	TAJ

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/27/2021 18:30	10/28/2021 15:11	TAJ

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/28/2021 16:59	10/29/2021 11:20	TAJ



## Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21J1091-01	S-1	40mL Vial with Stir Bar-Cool 4° C
21J1091-01	S-1	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-01	S-1	40mL 01_Clear Vial Cool to 4° C
21J1091-02	S-2	40mL Vial with Stir Bar-Cool 4° C
21J1091-02	S-2	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-02	S-2	40mL 01_Clear Vial Cool to 4° C
21J1091-03	S-3	40mL Vial with Stir Bar-Cool 4° C
21J1091-03	S-3	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-03	S-3	40mL 01_Clear Vial Cool to 4° C
21J1091-04	S-4	40mL Vial with Stir Bar-Cool 4° C
21J1091-04	S-4	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-04	S-4	40mL 01_Clear Vial Cool to 4° C
21J1091-05	S-5	40mL Vial with Stir Bar-Cool 4° C
21J1091-05	S-5	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-05	S-5	40mL 01_Clear Vial Cool to 4° C
21J1091-06	S-6	40mL Vial with Stir Bar-Cool 4° C
21J1091-06	S-6	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-06	S-6	40mL 01_Clear Vial Cool to 4° C
21J1091-07	S-7	40mL Vial with Stir Bar-Cool 4° C
21J1091-07	S-7	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-07	S-7	40mL 01_Clear Vial Cool to 4° C
21J1091-08	S-8	40mL Vial with Stir Bar-Cool 4° C
21J1091-08	S-8	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21J1091-08	S-8	40mL 01_Clear Vial Cool to 4° C



## Sample and Data Qualifiers Relating to This Work Order

QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IGN-01	Non-Ignit.
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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
PFAS-MSH	The recovery for this matrix spike compound was above control limits possibly due to matrix effects or non-homogeneity of the sample versus the native sample
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
QM-04	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
PF-01	No Free Liquid

## Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.



Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



# Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'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.

120 Research Drive Stratford, CT 06615

132-02 89th Ave Queens, NY 11418

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800-306-YORK 800-306-9675

Page of

YORK Project No. 2151091

<b>YOUR INFORMATION</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: First Environment +	Company:	Address: Same		Address: Same		WESTCO28		RUSH - Next Day	
Address: 10 Park Place Bldg 1A	Address:	Phone: 973-334-0003		Phone: Same		YOUR Project Name		RUSH - Two Day	
Phone: 973-334-0003	Phone:	Contact: Scott Green/Dave Luer		Contact: Same		Westchester Airport Disposal		RUSH - Three Day	
Contact: Scott Green/Dave Luer	Contact:	E-mail: Scott.Green@FirstEnvironment.com		E-mail:		YOUR PO#:		RUSH - Four Day	
E-mail: Scott.Green@FirstEnvironment.com	E-mail:							Standard (5-7 Day)	<input checked="" type="checkbox"/>

Samples Collected by: (print AND sign your name)	Sample Matrix	Matrix Codes	Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.
			New York	Other:	Summary Report	CT RCP	
S-1	S	GW - groundwater	<input checked="" type="checkbox"/>		QA Report	Standard Excel EDD	
S-2	S	DW - drinking water			NY ASP A Package	NYSDDEC EQUIS (Standard)	
S-3	S	WW - wastewater			NY ASP B Package	NYSDDEC EQUIS	
S-4	S	O - Oil			Deliverables	NJDEP SRP HazSite	
S-5	S	Other:			NJDKQP	Other:	

Sample Identification	Date/Time Sampled	Analysis Requested	Container Description
S-1	10/22/21 1120	FULL TUP, Paint Filter, CHARACTERISTICS COD	3X 8oz, Terrecote
S-2	10/22/21 1125	TPH/DRO/GRO, VOC, Ammonia/Nitrogen	1 X Plastic 250
S-3	10/22/21 1130	PEAS	
S-4	10/22/21 1135		
S-5	10/22/21 1140		
S-6	10/22/21 1145		
S-7	10/22/21 1150		
S-8	10/22/21 1155		

**Comments:** Please Run ALL samples for ALL Parameters

**Preservation:** (check all that apply)

HCl  MeOH  HNO3  H2SO4  NaOH

ZnAc  Ascorbic Acid  Other:

1. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Francisco York	10/22/21	Francisco York	10/22/21
3. Samples Relinquished by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
Francisco York	10/22/21	Francisco York	10/22/21
4. Samples Relinquished by / Company	Date/Time	4. Samples Relinquished by / Company	Date/Time
Francisco York	10/22/21	Francisco York	10/22/21

Samples Iced/Chilled at time of lab pickup? circle Yes or No

Temperature 35 Degrees C

## **APPENDIX D**



## **Weekly Report – Westchester Airport Storm Sewer Replacement**

**Week of:** 10/03/21 to 10/07/21

**FE Personnel:** D. H. F. Luer

### **Equipment present on site:**

350 Deere Excavator

315 Excavator

325 Excavator

Vibratory Roller

Wacker walk behind roller

Front End Loader

### **Observations:**

No elevated readings were encountered on the PID.

No dust monitoring excursions were identified. Dust monitoring data can be provided upon request.

### **Progress:**

Sections trenched: Between manholes MH 7024 and 7025, including side runs to catchbasins CB 7024.1, 7024.2 and 7025.1.

Structures placed: Completed placing MH-7025 and CB-7024.1, 7024.2 and 7025.1.

Backfill completed: Between manholes MH 7024 and 7025, including side runs to catchbasins CB 7024.1, 7024.2 and 7025.1.

See attached map for a visual representation of progress.

### **Testing and Disposal:**

Neither waste class samples nor treatment system samples were collected this week.

### **Other FE Activities:**

FE continued to monitor the water levels in the treatment system. There was no need to run the system this week.

## **Weekly Report – Westchester Airport Storm Sewer Replacement**

**Week of:** 10/10/21 to 10/14/21

**FE Personnel:** D. H. F. Luer

### **Equipment present on site:**

350 Deere Excavator

315 Excavator

325 Excavator

Vibratory Roller

Wacker walk behind roller

Front End Loader

### **Observations:**

No elevated readings were encountered on the PID.

No dust monitoring excursions were identified. Dust monitoring data can be provided upon request. However, problems arose with the battery providing power to the wireless modem on October 11, 12, 13 and 14. The problem was traced to the extension cord plugged into the wall outlet causing incomplete charging of the batteries.

### **Progress:**

Sections trenched: Between manholes MH 7025 and 7026, including side runs to catchbasins CB 7026.1 and 7026.2.

Structures placed: Completed placing MH-7026 and CB-7026.1 and 7026.2.

Backfill completed: Between manholes MH 7025 and 7026, including side runs to catchbasins CB 7026.1 and 7026.2.

See attached map for a visual representation of progress.

### **Testing and Disposal:**

Neither waste class samples nor treatment system samples were collected this week.

### **Other FE Activities:**

FE continued to monitor the water levels in the treatment system. There was no need to run the system this week. However, approximately 4,600 gallons were discharged on Thursday the 13<sup>th</sup>.

## **Weekly Report – Westchester Airport Storm Sewer Replacement**

**Week of:** 10/18/21 to 10/22/21

**FE Personnel:** D. H. F. Luer, Gary McClurkin

### **Equipment present on site:**

350 Deere Excavator

315 Excavator

325 Excavator

Vibratory Roller

Wacker walk behind roller

Front End Loader

### **Observations:**

No elevated readings were encountered on the PID.

Dust monitoring excursions were identified on Wednesday and Thursday. This was due to airport operations, and not due to construction activities, as they were identified in the upwind station. Dust monitoring data can be provided upon request. Problems with the CAMP battery continued on October 18, 19 and 20, requiring the replacement of the battery which occurred in the early afternoon of October 20. An additional battery was obtained to permit rapid replacement in case the problem occurred again.

### **Progress:**

Sections trenched: Between manholes MH 7008, 7027 and 7028.

Structures placed: Completed placing MH-7027 and 7028.

Backfill completed: Between manholes MH 7008, 7027 and 7028.

See attached map for a visual representation of progress.

### **Testing and Disposal:**

8 waste class samples were collected this week from the soil stockpile.

### **Other FE Activities:**

FE continued to monitor the water levels in the treatment system. There was no need to run the system this week.

## **Weekly Report – Westchester Airport Storm Sewer Replacement**

**Week of:** 10/25/21 to 10/29/21

**FE Personnel:** Brianna Tramutolo

### **Equipment present on site:**

314E Excavator

Wacker walk behind roller

Water truck

Komatsu WA320 Excavator

Vibratory Roller

Komatsu 930M Front Loader

### **Observations:**

No elevated readings were encountered on the PID.

No dust monitoring excursions were identified. Dust monitoring data can be provided upon request.

No work was performed on October 26<sup>th</sup> due to heavy rain. No intrusive work was performed on October 29<sup>th</sup>. That day was dedicated to site cleanup and paving activities.

### **Progress:**

Sections trenched: Between structures MH 7029.1, 7029.2, 7029.3, 7029.4 and 7029.5

Structures placed: Completed placing MH-7029.1, 7029.2, 7029.3, 7029.4 and 7029.5.

Backfill completed: Between manholes structures MH 7029.1, 7029.2, 7029.3, 7029.4 and 7029.5

See attached map for a visual representation of progress.

### **Testing and Disposal:**

Neither waste class samples nor treatment system samples were collected this week.

### **Other FE Activities:**

FE continued to monitor the water levels in the treatment system. A site meeting was held on Friday, October 29<sup>th</sup> to discuss water infiltration into the new storm sewer system. The headwall at 7015, Manhole 7016 and inlet 7014.3 were featured due to visual indications of groundwater infiltrating the system.

## **APPENDIX E**



APPENDIX E  
Photo Log



Photo 1 – Water in trench near MH-7024



Photo 2 – Trenching from MH 7024 to 7024.2

APPENDIX E  
Photo Log



Photo 3 – Breaking up bedrock prior to placing bedding



Photo 4 – Placement of pipe, MH-7024 to MH-7024.2

APPENDIX E  
Photo Log



Photo 5 – Trenching MH 7024.2 to 7025



Photo 6 – Finished grade, vicinity of MH-7026

APPENDIX E  
Photo Log



Photo 7 – Structure 7014.1 to 7014.2



Photo 8 – Corrective action for Headwall 7015.1

APPENDIX E  
Photo Log



Photo 9 – Trenching from MH-7008 to MH-7027



Photo 10 – MH-7027 in place

APPENDIX E  
Photo Log



Photo 11 – Trenching MH-7027 to MH-7028 showing concrete cable run



Photo 12 – Trenching between catch basin 7029.2 and MH-7029.1

APPENDIX E  
Photo Log



Photo 13 – Outfall 7 during heavy rain event, October 26, 2021



Photo 14 – CB-7029.5 in place

APPENDIX E  
Photo Log



Photo 15 – Pipe laid from MH-7029.4 to 7029.1



Photo 16 – Trenching between catch basin 7029.5 and MH-7029.4



## APPENDIX F

# FLUORO-SORB® ADSORBENT

## GENERAL INSTRUCTIONS FOR LOADING AND CONDITIONING FLUORO-SORB ADSORBENT IN A FILTRATION VESSEL



FLUORO-SORB® 200



FLUORO-SORB® 300



FLUORO-SORB® 400

### GENERAL INSTRUCTIONS FOR LOADING AND CONDITIONING IN A FILTRATION VESSEL

#### FOR FLUORO-SORB 200 ADSORBENT, FLUORO-SORB 300 ADSORBENT, AND FLUORO-SORB 400 ADSORBENT

A distributor or splash plate is required in the top inlet of the vessel. Laterals in the bottom of the vessel are also necessary. The openings in the bottom laterals or screens should be smaller than 0.0165 in (0.42 mm), which is the smallest particle size in media.

The waste stream to be treated must be free of suspended solids; otherwise, FLUORO-SORB adsorbent will be blinded and no treatment will occur. If suspended solids are a problem, a bag or cartridge filter must be placed prior to the vessel.

The vessel should have an air eliminator valve. If not, install one on the vessel or on the inlet pipe as it enters the top of the vessel.

Load the vessel with a minimum of 2 ft (0.6 m) of FLUORO-SORB adsorbent. Leave a minimum of 15% - 20% head space to allow for expansion of media (>30%) during back flush.

Fill the vessel with freshwater and back flush vessel (up-flow) for 30± 2 minutes.

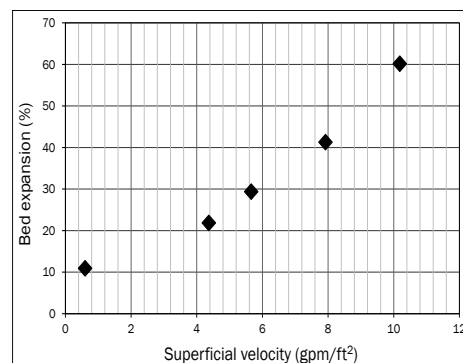
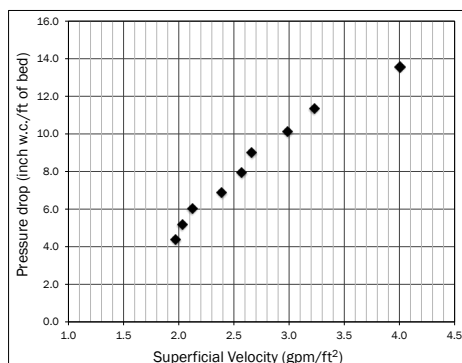
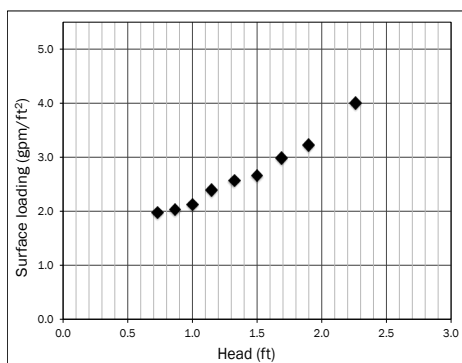
Water should be directed slowly up through the column starting at 1 gpm/ft<sup>2</sup> (41 Lpm/m<sup>2</sup>) and gradually increasing flowrate to 9 gpm/ft<sup>2</sup> (370 Lpm/m<sup>2</sup>) in the first few minutes to fluidize the media and attain sufficient transport velocities. This step accomplishes three important things:

- Removes fines
- Eliminates entrained air from the bed
- Washes off residual compounds from the manufacturing process

After back flush, do not drain vessel. The vessel is now ready for down flow operation.

## OPERATION

Please refer to FLUORO-SORB adsorbent technical data sheets to estimate the pressure drop as a function of superficial velocity. For drinking water applications, please refer to the NSF/ANSI certification for flow through conditions.



cetco@mineralstech.com | cetco.com | 800.527.9948

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**FLUORO-SORB® 100**



**FLUORO-SORB® 200**



**FLUORO-SORB® 300**



**FLUORO-SORB® 400**

## FLUORO-SORB® ADSORBENT

### ADSORPTION MEDIA FOR THE REMEDATION AND REMOVAL OF PFAS

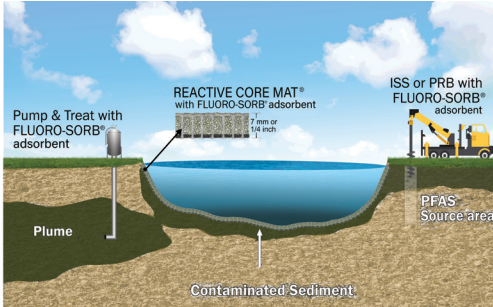
FLUORO-SORB adsorbent is a proprietary, NSF-certified adsorption media that is proven to effectively treat multiple variants of PFAS. Unlike other sorbent products that are selective and unpredictable in adsorbing PFAS, FLUORO-SORB adsorbent binds the entire spectrum of PFAS and in a wide variety of removal and remediation processes.

With a specially modified surface, FLUORO-SORB adsorbent resists competitive adsorption from other water and sediment contaminants making it a more effective and efficient choice.

FLUORO-SORB adsorbent is commercially available in four variations. For more information or to obtain a sample for your laboratory treatability study, contact [cetco@mineralstech.com](mailto:cetco@mineralstech.com).

### TREATMENT APPLICATIONS

Groundwater  
Drinking Water  
Surface Water  
Soil



## Adaptable Solutions for Your Specific Project

### Versatility in deployment

- Flow-through filtration technology for drinking and/or groundwater
- Permeable Reactive Barrier (PRB) for passive groundwater
- In-situ stabilization for source zone treatment
- Within a CETCO REACTIVE CORE MAT® composite geotextile mat for sediment capping
- Pre- or post-treatment in connection with other treatment media

### Variability in design

- Three available grain sizes in four custom blends
- 1500lb (680.4kg) supersacks

## High-Performing Treatment Option

### Superior Technology

- Higher sorption kinetics and better sorption capacity
- More selective toward entire family of PFAS
- Not impacted by co-contaminants in the waste stream
- Use with or in place of other treatment media for improved efficacy

### Trusted

- NSF/ANSI 61 certified
- Manufactured in an ISO9001:2015 facility
- Made in the USA

**To obtain a sample for your laboratory treatability study, contact [cetco@mineralstech.com](mailto:cetco@mineralstech.com).**



### Our Standards. Your Peace of Mind.

At CETCO, our goal is to help you succeed. Through our knowledge and experience in minerals, polymers, and the construction industry, we provide solutions to unique challenges globally. Our remediation technologies exceed industry standards and offer innovative alternatives to traditional construction options.

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product-sell-sheet-fluorosorb-adsorbent-na-en-201910-v2



# REACTIVE CORE MAT®

## WITH FLUORO-SORB® 200 ADSORBENT

### DESCRIPTION

REACTIVE CORE MAT with FLUORO-SORB 200 adsorbent consists of a layer of FLUORO-SORB 200 sandwiched between two geotextiles, which are needle-punched together. The result is a contaminated sediment capping mat that adsorbs PFAS contaminants.

### PANEL DIMENSIONS

- Panel Dimensions: 15 ft (4.57 m) wide x 100 ft (30.5 m) long
- Total Panel Area: 1,500 ft<sup>2</sup> (139.4 m<sup>2</sup>)

### ROLL DIMENSIONS

- Length: 16 ft (4.9 m)
- Diameter: 22 in (559 mm)
- Core Diameter: 4 in (100 mm) I.D.

- Nominal Weight: 1,500 lbs (680 kg)
- Packaging: 2 mil (0.05 mm) polyethylene sleeve

### SHIPPING

- Flatbed truck shipment size: 30 rolls; 45,000 ft<sup>2</sup> (4,181 m<sup>2</sup>)
- All shipments will contain three stacks of rolled materials on flatbed

### HANDLING

- Core Pipe: length = 18 ft (5.5 m); O.D. = 3.5 in (90 mm); strength rating = XXH or strongest available
- Alternatives: solid steel pipe with above dimensions; custom-fabricated “stinger” for forklift



- Spreader Bar: I-beam supported by chains
- Straps: factory-placed lifting straps available upon request

### TESTING DATA

MATERIAL PROPERTY	TEST METHOD	RESULT
FLUORO-SORB adsorbent mass/area <sup>1</sup>	CETCO Test Method	0.8 lb/ft <sup>2</sup> (3.9 kg/m <sup>2</sup> ) min.
Tensile strength <sup>2</sup>	ASTM D 4632	90 lbs (400 N) min.
Hydraulic conductivity <sup>3,4</sup>	ASTM D4491	1 x 10 <sup>-3</sup> cm/sec min.

Notes:

<sup>1</sup> FLUORO-SORB adsorbent mass reported on net roll weight basis

<sup>2</sup> Tensile testing performed in machine direction

<sup>3</sup> Sample deaired with vacuum for 16 hours. Permittivity at constant head of 2 inches and converted to hydraulic conductivity using Darcy's Law and RCM thickness

<sup>4</sup> Typical values are based on periodic data

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