



June 30, 2021

Mr. Robert Funicello
Environmental Project Director
Westchester County Department
of Environmental Facilities
270 North Ave, 6th Floor
New Rochelle, NY 10805

Via Electronic Transmission: rff3@westchestergov.com

RE: Westchester County Airport
April 2021 Groundwater Sampling Results

Dear Mr. Funicello:

This letter presents results of the first semi-annual groundwater sampling event of 2021 at the Westchester County Airport, which was completed between April 26th and 30th. The sampling is part of a groundwater monitoring program reinstated by the County in August 2018; the previous program ran from 2001 – 2011. The monitoring program was reinstated in response to a November 2017 sampling event that confirmed the presence of per and polyfluoroalkyl substances (PFAS) in several airport monitor wells. PFAS are components of Class B Aqueous Film Forming Foams (AFFF). These foams were used over a period of years during fire training activities conducted by the Air National Guard, a former tenant who left the site in 1983. PFAS are considered an emerging contaminant and they are being found at sites, including airports, across the country.

The April 2021 sampling event included a total of 41 wells of which 39 were sampled for PFAS. In addition, samples from various wells were analyzed for volatile organic compounds (VOCs), 1,4-dioxane and glycols. Table 1 lists the sampled wells and associated analytes for each well. VOCs and glycols are related to ongoing airport operations and were analyzed as part of the previous groundwater monitoring program. 1,4-Dioxane is also an emerging contaminant, most commonly associated with solvent releases.

The sampling results, which are described in detail below, are consistent with those from previous rounds and show the presence of PFAS in all 39 samples. The highest concentrations were detected in the northern part of the site, in the vicinity of the former Air National Guard Burn Pitt, which is the suspected primary source area. A second possible PFAS source area has been identified at Hangar E in the southern part of the site. 1,4-Dioxane was detected in wells in and around Hangars D and E. VOC and glycol results are generally consistent with historical data and known onsite release areas. A site-wide investigation and implementation of interim remedial measures are currently in progress at the airport in response to the PFAS detections and, pursuant to a consent order between Westchester County and the NYSDEC.

WSP USA
500 Summit Lake Drive
Suite 450
Valhalla, NY 10595

Tel: (914) 747-1120
wsp.com



SAMPLING RESULTS

The sampled wells include wells completed in the shallow unconsolidated aquifer and the underlying bedrock aquifer. Wells in the shallow aquifer range between 6 and 22 feet deep while the bedrock wells are between 23 and 70 feet deep. All wells were sampled with dedicated, disposable, HDPE (PFAS free) bailers. Prior to sampling, the wells were purged of three standing volumes of water, or until dry, using either HDPE bailers or a PFAS-free submersible pump with dedicated HDPE tubing. The samples were collected in laboratory-prepared containers and were kept cold until delivery to the laboratory. The samples were analyzed by York Analytical Laboratories of Stratford, CT. The analytical results are summarized on tables 2 through 10 and figures 1 through 4. Copies of the laboratory reports are attached in the Appendix of the electronic version of this report. Category B, ASP deliverables were prepared for each report and are available upon request. Water-level measurements were made in each well prior to sampling. These data were used to calculate groundwater elevations and prepare groundwater contour maps which are presented on table 11 and figures 5 and 6.

Per and Polyfluoroalkyl Substances (PFAS)

PFAS were analyzed by EPA Method 537-M which currently includes 21 individual substances. Two of those substances, perfluorononanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were common components of Class B foams and are contaminants of concern at sites where Class B foams were used.

As shown on table 2 and figure 1, PFAS, including PFOA and PFOS, were detected in all 39 wells analyzed for PFAS. The highest concentrations of PFOA and PFOS (combined) as well as total PFAS (21 substances) were detected in wells FMW-6, FMW-7 and FMW-31 (table 3). The concentrations of total PFAS in these wells ranged from 6,988 to 46,629 ng/l (nanograms per liter or parts per trillion); PFOA and PFOS ranged from 4,473 to 15,420 ng/l. These wells are all located in the shallow aquifer in the northern part of the airport near the former Air National Guard Burn Pitt, which is the suspected primary PFAS source area (figure 1). These three wells have had the highest PFAS concentrations since the first sampling event in 2018 (table 4).

With six rounds of sampling between August 2018 and April 2021, there is now a baseline of data for comparison. Figures 2 and 3 are graphical representations of total PFAS concentrations over time for select wells from different areas of the site. In comparing these results, we see PFAS concentrations in individual wells to be fairly consistent within a defined range. In some wells, concentrations fluctuate in conjunction with seasonal groundwater level changes. Concentrations in bedrock wells (figure 3) show more linear trends in comparison to wells in the unconsolidated, shallow aquifer. Several wells show total PFAS concentrations decreasing over time. Possible explanations for this trend include that use of the Burn Pitt ceased in the late 1990's and approximately 2,800 tons of soil were excavated from the Burn Pitt in 2000. Although the excavation targeted petroleum impacted soil, PFAS impacted soil was inadvertently removed as well.

Three of the wells sampled this round for PFAS are located in Hangar E (MW-1, MW-2 and MW-4) at the southern end of the airport (figure 1). As shown on table 2, total PFAS concentrations in the Hangar E samples ranged from 1,662 to 4,603 ng/l and the combined PFOA and PFOS concentrations ranged from 221 to 565 ng/l, respectively. These results are inconsistent with PFAS data for other wells in this area. Wells FMW-24, FMW-25 and FMW-26, which are the nearest to Hangar E on three sides, have total PFAS concentrations ranging from 11 to 47 ng/l (verses 1,662 to 4,603 ng/l). The results also show a significantly lower ratio of PFOA and PFOS to total PFAS for the Hangar E wells, in comparison to other onsite wells (tables 3 and 4).



This lower ratio suggests that the source of PFAS in the Hangar E wells is different than that for the other onsite wells where PFOA and PFOS appear to be major components. Assuming the source was some type of AFFF, the results suggest it may not have been a Class B foam. The high concentration of total PFAS in these wells in comparison to surrounding wells suggests the source is located in the immediate vicinity of the Hangar. Reportedly, an accidental discharge of foam from a tenant owned fire suppression system occurred inside Hangar E sometime in 1999 – 2000.

Promulgated Federal or State water-quality standards applicable to PFAS impacted groundwater do not currently exist. An EPA lifetime health advisory level (guidance value) for drinking water of 70 ppt (parts per trillion, equivalent to ng/l) has been published for the combined concentration of PFOA and PFOS. In 2020 New York State promulgated a standard for PFOA and PFOS in public drinking water supplies of 10 ng/l each.

The NYS Department of Environmental Conservation (NYSDEC) recently issued guidance for the assessment of PFAS at sites where investigations are required pursuant to a State remedial program. The guidance states that PFOA and PFOS should be considered potential contaminants of concern if either is detected in a water sample at or above 10 ng/l and the source is determined to be attributable to the site. Further assessment may be warranted if any other individual PFAS is detected at or above 100 ng/l, or if the total PFAS concentration equals or exceeds 500 ng/l. A site-wide investigation and implementation of interim remedial measures are currently in progress at the airport in response to onsite PFAS detections and, pursuant to a consent order between Westchester County and the NYSDEC.

1,4-Dioxane

1,4-Dioxane is an emerging contaminant and there are no known current or historical activities at the airport that would have involved the use of this chemical. However, 1,4-dioxane is used as a stabilizer in the manufacturing of chlorinated solvents and is commonly found at sites with solvent contamination problems. There are two areas of solvent contamination at the airport associated with historical tenant releases in Hangars D and E. Sampling results from August 2018 to the current round, which are summarized on table 5 and figure 4, confirm the presence of 1,4-dioxane in groundwater at both locations.

During April 2021, eight wells were analyzed for 1,4-dioxane and it was detected in five. Two of those wells are located in and around Hangar D (MW-7S, XDDMW-11) and three are located in Hangar E (MW-1, MW-2, MW-4). As shown on table 5, results for the Hangar D wells show 1,4-dioxane concentrations ranging from 5.6 to 22 ug/l (micrograms per liter). Results for the Hangar E wells show concentrations ranging from 32 to 889 ug/l.

As shown on figure 4, the presence of 1,4-dioxane at the site appears to be isolated to these two locations, both with historical solvent releases related to former tenants and both currently being remediated. Results for 22 other wells sampled at different locations around the airport show no detections of 1,4-dioxane (table 5, figure 4). Promulgated Federal or State water-quality standards for 1,4-dioxane in groundwater do not currently exist. In 2020 New York State promulgated a standard of 1.0 ug/l for public drinking water supplies.

Volatile Organic Compounds

Volatile Organic Compounds (VOCs) are a class of chemicals that include petroleum constituents and chlorinated solvents. These compounds were analyzed as part of the 2001-2011 groundwater monitoring program resulting in a 10-year baseline of data for comparison. Based on this historical data, 22 wells were selected for analyses of VOCs as part of the April 2021 sampling round (table 1). As shown on table 6, VOCs were detected in samples from 15 wells of which eight contained concentrations above groundwater standards. Of those eight wells, two are located in or adjacent to Hangar D (MW-7S



& MW-10S) and two are located in Hangar E. As noted in the previous section, Hangars D and E have historical chlorinated solvent problems that are undergoing remediation. The remaining four wells include FMW-14, FMW-23, FMW-31 and FMW-39.

Well FMW-14 is 15 feet deep and is located in the northwestern part of the airport. This well has a history of VOC detections going back to 2002. Currently chlorobenzene is the only compound that remains detectable above water quality standards (table 6). The source of VOCs in this well is unknown, however this well is located in a low lying field adjacent to airport roadways making it susceptible to stormwater runoff.

Well FMW-23 is a 43 foot deep bedrock well located in the former Burn Pitt area in the northern part of the airport. The solvent cis-1,2-dichloroethylene has been detected above standards since the monitoring program re-started in 2018. This well has a history of cis-1,2-dichloroethylene and vinyl chloride detections dating back to 2001. These compounds are degradation products of the chlorinated solvents perchloroethylene (PCE) and trichloroethylene (TCE). The source of these detections is unknown, however these compounds are present in wells located in other nearby areas of the airport including the Air National Guard Voluntary Cleanup Site and Hangar D.

FMW-31 is a 21 foot deep well located near Hangar V in the northeastern part of the airport. The compound 1,2,4-trimethylbenzene has been detected in well FMW-31 since August 2018 at concentrations ranging from 2.3 to 11 ug/l, some of which are above the standard of 5 ug/l (table 6). This compound is a petroleum constituent with no history of detections in this well prior to 2018. Other petroleum constituents including 1,3,5-trimethylbenzene, ethylbenzene and xylenes have also been detected in this well below standards. This well is located flush to grade in a paved area where private planes and vehicles are often parked. These low-level petroleum detections are most probably related to runoff from the pavement infiltrating the well.

FMW-39 is a six foot deep well located in the southeastern corner of the airport. This well has no history of VOC detections above standards. Results for the April 2021 sampling showed detections of the solvent 1,1-dichloroethylene (11 ug/l) and the petroleum constituent toluene (25 ug/l) (table 6); the standard for both is 5 ug/l. As these were new detections this well was re-sampled on May 20th to confirm the results. The resampling confirmed the presence of toluene at 48 ug/l, however 1,1-dichloroethylene was not detected. This well is flush to grade and is located in a grassy area that is susceptible to runoff from the adjacent runway and other airport roads. Given the shallow nature of the well, the infiltration of surface water runoff is a possible source of toluene. Future sampling results will confirm if there is an ongoing issue at this location.

Historically VOCs have also been associated with two former Voluntary Cleanup Sites at the airport, the Former Air National Guard Site (V00499) and the Former Hangar B site (V00611). Results for wells in these two areas are summarized on tables 7 and 8.

At the Air National Guard site, the compounds cis-1,2-dichloroethylene, trans-1,2-dichloroethylene and vinyl chloride had a history of detections above standards in one well, FMW-34R. These compounds are degradation products of the solvents PCE and TCE. Site investigations in 2003 and 2004 found no source area at the Air National Guard site that could be linked to these detections. Well FMW-34R is believed to have been destroyed, however several other wells in this area are included in the sampling program. As shown on table 7, the only solvent detections have been of cis-1,2-dichloroethylene and vinyl chloride in FMW-31, below groundwater standards. As discussed in the previous section, the detection of 1,2,4-trimethylbenzene and other petroleum constituents in FMW-31 is believed to be related to surface-water infiltration.

The Hangar B site was remediated for solvents in 2005 including TCE and 1,1-dichloroethane. The wells in this area were incorporated into the 2001 - 2011 groundwater monitoring program for post-remediation monitoring and, lingering detections of MTBE associated with closed NYSDEC Spill No.

98-11689. As shown on table 8, MTBE was detected in two wells below the standard of 10 ug/l. The detected concentrations were 1.2 and 5.9 ug/l. Site-related solvents were not detected.

Glycols

Ethylene and propylene glycol (glycols) are associated with deicing fluid. Historically, glycols have not been detected in groundwater at the airport. In considering historical data, samples from seven wells were selected to be analyzed for glycols because they are located near areas where deicing fluid is used or stored (table 1).

Propylene glycol was detected for the first time in the sample from FMW-25 collected in April. This well is located in the southwestern corner of the airport near Outfall No. 4 and Hangar T (figure 1). The detected concentration was 25.6 milligrams per liter (table 2). Currently a standard or guidance value for propylene glycol in groundwater does not exist. Due to the fact that this was a first time detection, the well was re-sampled for glycols on May 20th to confirm the detection. As shown on table 2, propylene glycol was not detected in the re-sample. De-icing fluid is stored and used in this area however there are no reported releases that would account for the April detection. Airport personnel sample nearby surface water Outfall-4 for glycols monthly in accordance with a stormwater discharge permit. WSP will be notified if there are any glycol detections in the upcoming monthly sampling events and this well will continue to be monitored for glycols during the semi-annual groundwater sampling events.

Quality Assurance/Quality Control

As part of the sampling protocol, duplicates, field blanks, trip blanks, matrix spike and matrix spike duplicate samples (MS/MSD) were collected. Field blanks were collected daily and trip blanks were collected whenever VOC samples were collected. All others were collected at a rate of one for every 20 samples per analyte class. Results for the quality assurance/quality control (QA/QC) samples are summarized on tables 9 and 10 and are included with the laboratory reports in the Appendix.

Table 9 presents results for the duplicate samples. Duplicates are a second sample from a single location, submitted to the laboratory with a different sample identification from the original to confirm laboratory accuracy. As shown on table 9, results between the original and duplicated samples generally show good correlation, especially for PFAS which are being measured in parts per trillion.

Table 10 summarizes results for field and trip blanks. Field blanks are used to monitor the sampling process and are prepared onsite with laboratory provided deionized water. A field blank detection indicates there was potential cross-contamination during sampling, transportation or the analytical process. Trip blanks are prepared by the laboratory and they follow the sample bottles from the laboratory to the site and back again, to monitor the potential for volatile organic contamination from sources other than the site.

PFAS were not detected in any of the field blanks. Acetone was detected in the field blank from April 27th at 1.1 ug/l. Acetone is a common laboratory contaminant and was likely introduced to the sample in the laboratory. As a result, detections of acetone in site samples at similar concentrations are not considered significant. Methylene Chloride is another common lab contaminant and it was detected in the April 28th and 30th field blank samples at 2.8 and 2.4 ug/l respectively. The April 30th detection was flagged with a “B” qualifier indicating that it was also detected in an internal laboratory blank. Based on these results any detections of methylene chloride in site samples at similar concentrations can be disregarded as it was likely introduced to the samples at the laboratory.

Carbon disulfide was detected in the April 28th and 30th trip blank samples at 0.39 and 0.36 ug/l respectively. Both detections were flagged with a “B” qualifier indicating it was also detected in an internal lab blank. As a result, any detections of similar concentrations in site samples can be disregarded.



Groundwater Flow

Groundwater elevation data are presented on table 11 and figures 5 and 6. Groundwater elevations across the site in the shallow aquifer ranged from a high of 430.65 ft msl (feet above mean sea level) in the northwestern part of the site (FMW-1R), to a low of 370.35 ft msl in the southwestern part of the site (FMW-25). In the bedrock aquifer, elevations ranged from a high of 435.42 ft msl in FMW-36 to a low of 389.94 ft msl in XDDMW-10.

The direction of groundwater flow in the shallow aquifer varies as a result of a major drainage basin divide that runs through the site. Approximately three quarters of the site lie within the Blind Brook Drainage Basin with the remainder, on the western side of the property, lying in the Rye Lake Drainage Basin. Groundwater flow in the Blind Brook basin is primarily south to southeast. In a small area of the northern part of the site the flow is northwesterly due to a groundwater divide in that area (figure 5). Groundwater flow within the Rye Lake basin flows northwest to southwest towards Rye Lake. In the bedrock aquifer, the direction of flow is southeast.

The direction of groundwater flow and the observed elevations measured during April 2021 are consistent with historical data showing little change outside of normal seasonal variations. Groundwater elevations in FMW-1R and FMW-25 (shallow wells with the highest and lowest elevations) measured in May 2005 were 430.85 and 369.53 ft msl respectively, compared to the current measurements of 430.65 and 370.35 ft msl.

The next semi-annual sampling round will be scheduled in October 2021. If you have any questions, please feel free to contact me at (914) 461-2961.

Kind regards,

WSP USA

John Benvegna, PG(NY), CPG
Assistant Vice President

JB:nv

Enclosures

cc: Peter Scherrer
Hugh J. Greechan, Jr., PE
John Nonna, Esq.
John Inserra

n:\reports\westchester county airport_groundwater monitoring program\2021\april\sampling report\sampling results.docx



TABLES

TABLE 1
WESTCHESTER COUNTY AIRPORT
Sample Analyte Matrix - April 2021

Well (BR) = Bedrock Well	PFAS	Volatile Organics	1,4-Dioxane	Glycols*	Well Depth (ft btoc)
BRMW-1 (BR)	x				45.10
DPW-2	x	X			12.25
DPWMW-3	x	X		X	14.00
FMW-1R	x				14.00
FMW-2R	x	X			12.00
FMW-3	x		X		14.40
FMW-6	x				11.85
FMW-7	x				12.00
FMW-8	x	X			12.00
FMW-11	x				9.50
FMW-12	x	X			19.50
FMW-13R	x				17.55
FMW-14	x	X			15.45
FMW-15	x				14.87
FMW-16	x	X	X		15.77
FMW-17	x				12.00
FMW-23 (BR)	x	X			43.00
FMW-24	x			X	9.00
FMW-25	x	X		X	16.00
FMW-26	x				16.20
FMW-31	x	X			21.50
FMW-35 (BR)	x				57.50
FMW-36 (BR)	x				51.50
FMW-37	x			X	13.40
FMW-39	x	X		X	6.30
FMW-40	x	X			12.70
MW-7S (BR)		X	X		25.00
MW-10S (BR)	x	X			37.00
MW-17S (BR)	x	X			31.70
MW-43 (BR)	x	X			67.90
MW-47	x				18.29
MW-48 (BR)	x	X			70.93
PAR - 03	x				10.75
UW-1	x				15.00
WW-1 (BR)	x		X		62.10
XDDMW-10 (BR)		X			56.00
XDDMW-11 (BR)	x	X	X	X	40.00
XDDMW-13 (BR)	x				39.15
Hangar E MW-1	x	X	X	X	15.92
Hangar E MW-2	x	X	X		17.31
Hangar E MW-4	x	X	X		15.80

(ft btoc) Feet Below Top of Casing

*Ethylene and Propylene Glycol

Not Analyzed

TABLE 2
WESTCHESTER COUNTY AIRPORT
Sampling Results Summary - April 2021
(see table 6 for volatile organics)

Well (BR) = Bedrock	Total PFAS (ng/l)	PFOA + PFOS (ng/l)	1,4-Dioxane (ug/l)	Glycols (mg/l)	Well Depth (ft btoc)
BRMW-1 (BR)	170	42	**	**	45.10
DPW-2	299	35	**	**	12.25
DPWMW-3	11	6	**	ND	14.00
FMW-1R	504	192	**	**	14.00
FMW-2R	42	17	**	**	12.00
FMW-3	82	45	ND	**	14.40
FMW-6	46,629	15,420	**	**	11.85
FMW-7	13,947	8,666	**	**	12.00
FMW-8	3,368	2,024	**	**	12.00
FMW-11	15	10	**	**	9.50
FMW-12	1,008	459	**	**	19.50
FMW-13R	4,812	1,007	**	**	17.55
FMW-14	278	114	**	**	15.45
FMW-15	218	37	**	**	14.87
FMW-16	806	307	ND	**	15.77
FMW-17	630	515	**	**	12.00
FMW-23 (BR)	1,807	589	**	**	43.00
FMW-24	47	28	**	ND	9.00
FMW-25	18	13	**	25.6 (ND)*	16.00
FMW-26	11	11	**	**	16.20
FMW-31	6,988	4,473	**	**	21.50
FMW-35 (BR)	220	111	**	**	57.50
FMW-36 (BR)	66	8	**	**	51.50
FMW-37	3,649	2,309	**	ND	13.40
FMW-39	19	5	**	ND	6.30
FMW-40	1,834	942	**	**	12.70
MW-7S (BR)	**	**	22	**	25.00
MW-10S (BR)	249	94	**	**	37.00
MW-17S (BR)	206	98	**	**	31.70
MW-43 (BR)	500	170	**	**	67.90
MW-47	264	76	**	**	18.29
MW-48 (BR)	372	38	**	**	70.93
PAR - 03	189	40	**	**	10.75
UW-1	2,533	2,131	**	**	15.00
WW-1 (BR)	1,787	421	ND	**	62.10
XDDMW-11 (BR)	52 (503)*	19 (95)*	1.14 (5.6)*	ND	40.00
XDDMW-13 (BR)	331	152	**	**	39.15
Hangar E MW-1	4,603	319	580	ND	15.92
Hangar E MW-2	1,662	221	889	**	17.31
Hangar E MW-4	4,117	565	32	**	15.80

(ng/l) - nanograms per liter (equivalent to parts per trillion)

(ug/l) - micrograms per liter (equivalent to parts per billion)

(mg/l) - milligrams per liter (equivalent to parts per million)

(ft btoc) Feet Below Top of Casing

** - Not Analyzed

ND - Not Detected (see lab reports for detection limits)

* Data in brackets are from 5/20/21. The well was re-sampled due to anomalous results.

**TABLE 3
WESTCHESTER COUNTY AIRPORT
PFAS Results by Total PFAS Concentration**

APRIL 2020			
Total PFAS (ng/l)	PFOA + PFOS (ng/l)	Well (BR) = Bedrock	Well Depth (ft btoc)
36,094	13,140	FMW-6	11.85
14,993	7,968	FMW-7	12.00
8,768	5,798	FMW-31	21.50
5,985	466	Hang. E MW-4	15.80
5,010	194	Hang. E MW-1	15.92
4,713	2,730	FMW-8	12.00
4,527	2,950	FMW-37	13.40
4,369	3,541	FMW-17	12.00
3,190	766	FMW-13R	17.55
2,214	1,840	UW-1	15.00
1,963	724	WW-1 (BR)	62.10
1,864	984	FMW-40	12.70
1,838	525	FMW-23 (BR)	43.00
1,781	1,083	FMW-27	12.80
1,778	179	Hang. E MW-3	17.31
1,000	451	FMW-12	19.50
843	391	FMW-16	15.77
787	241	MW-43 (BR)	67.90
491	69	MW-46	18.29
455	92	XDDMW-11 (BR)	40.00
440	193	MW-44	18.10
433	183	FMW-1R	14.00
429	129	MW-42 (BR)	58.85
396	171	XDDMW-13 (BR)	39.15
370	44	MW-48 (BR)	70.93
312	207	FMW-35 (BR)	57.50
298	129	FMW-14	15.45
261	88	MW-47	18.29
239	60	PAR - 03	10.75
233	124	MW-45	15.00
225	85	MW-10S (BR)	37.00
221	93	MW-7S (BR)	25.00
198	43	MW-49 (BR)	61.15
193	100	MW-17S (BR)	31.70
179	31	FMW-15	14.87
146	44	BRMW-1 (BR)	45.10
131	29	BRMW-2 (BR)	45.75
113	63	FMW-3	14.40
112	13	FMW-36 (BR)	51.50
86	6	MW-3	17.50
81	20	XDDMW-10 (BR)	60.00
75	60	MW-16	11.10
74	15	DPW-2	12.25
52	25	FMW-24	9.00
40	19	FMW-2R	12.00
35	13	MW-7D (BR)	45.00
27	16	FMW-25	16.00
21	6	DPWMW-3	14.00
21	10	FMW-11	9.50
21	14	FMW-26	16.20
14	10	MW-18	14.95
13	7	MW-15S (BR)	23.10
4	ND	FMW-39	6.30

OCTOBER 2020			
Total PFAS (ng/l)	PFOA + PFOS (ng/l)	Well (BR) = Bedrock	Well Depth (ft btoc)
29,068	12,244	FMW-6	11.85
10,115	3,840	FMW-7	12.00
9,545	7,181	FMW-31	21.50
4,075	221	Hangar E MW-1	15.92
3,632	471	Hangar E MW-4	15.80
3,297	2,414	FMW-37	13.40
3,202	1,012	FMW-13R	17.55
2,498	1,608	FMW-8	12.00
2,197	1,856	FMW-17	12.00
2,046	792	WW-1 (BR)	62.10
1,922	1,073	FMW-40	12.70
1,680	623	FMW-23 (BR)	43.00
1,150	602	FMW-12	19.50
950	410	FMW-16	14.87
816	329	FMW-1R	14.00
673	290	MW-43 (BR)	67.90
635	489	UW-1	15.00
586	221	MW-44	18.10
497	78	FMW-15	15.77
410	87	XDDMW-11 (BR)	40.00
359	89	BRMW-2 (BR)	45.75
324	47	MW-48 (BR)	70.93
302	142	FMW-36 (BR)	51.50
238	40	DPW-2	12.25
234	142	FMW-35 (BR)	57.50
226	115	XDDMW-13 (BR)	39.15
198	90	FMW-14	15.45
193	54	PAR - 03	10.75
186	62	MW-47	18.29
148	62	MW-10S (BR)	37.00
146	45	BRMW-1 (BR)	45.10
78	40	FMW-3	14.40
62	39	FMW-26	16.20
56	16	XDDMW-10 (BR)	60.00
52	19	FMW-11	9.50
39	25	FMW-24	9.00
36	12	MW-7D (BR)	45.00
35	31	MW-16	11.10
23	15	FMW-25	16.00
12	7	MW-17S (BR)	31.70
3	3	FMW-2R	12.00
2	ND	DPWMW-3	14.00
ND	ND	FMW-39	6.30

APRIL 2021			
Total PFAS (ng/l)	PFOA + PFOS (ng/l)	Well (BR) = Bedrock	Well Depth (ft btoc)
46,629	15,420	FMW-6	11.85
13,947	8,666	FMW-7	12.00
6,988	4,473	FMW-31	21.50
4,812	1,007	FMW-13R	17.55
4,603	319	Hangar E MW-1	15.92
4,117	565	Hangar E MW-4	15.80
3,649	2,309	FMW-37	13.40
3,368	2,024	FMW-8	12.00
2,533	2,131	UW-1	15.00
1,834	942	FMW-40	12.70
1,807	589	FMW-23 (BR)	43.00
1,787	421	WW-1 (BR)	62.10
1,662	221	Hangar E MW-2	17.31
1,008	459	FMW-12	19.50
806	307	FMW-16	15.77
630	515	FMW-17	12.00
504	192	FMW-1R	14.00
503	95	XDDMW-11(BR)*	40.00
500	170	MW-43 (BR)	67.90
372	38	MW-48 (BR)	70.93
331	152	XDDMW-13 (BR)	39.15
299	35	DPW-2	12.25
278	114	FMW-14	15.45
264	76	MW-47	18.29
249	94	MW-10S (BR)	37.00
220	111	FMW-35 (BR)	57.50
218	37	FMW-15	14.87
206	98	MW-17S (BR)	31.70
189	40	PAR - 03	10.75
170	42	BRMW-1 (BR)	45.10
82	45	FMW-3	14.40
66	8	FMW-36 (BR)	51.50
47	28	FMW-24	9.00
42	17	FMW-2R	12.00
19	5	FMW-39	6.30
18	13	FMW-25	16.00
15	10	FMW-11	9.50
11	6	DPWMW-3	14.00
11	11	FMW-26	16.20

(ft btoc) feet below top of casing

ND - Not Detected (see lab report for detection limits)

(ng/l) - nanograms per liter (equivalent to parts per trillion)

*April 2021 results for XDDMW-11 from 5/20/21 re-sampling event.

**TABLE 4
WESTCHESTER COUNTY AIRPORT
PFAS Results by Well**

Well (BR) = Bedrock	Total PFAS (ng/l)						PFOA + PFOS (ng/l)						Well Depth (ft btoc)
	August 2018	March 2019	October 2019	April 2020	October 2020	April 2021	August 2018	March 2019	October 2019	April 2020	October 2020	April 2021	
BRMW-1 (BR)	163	215	176	146	146	170	41	62	49	44	45	42	45.10
BRMW-2 (BR)	284	416	436	131	359	**	64	98	125	29	89	**	45.75
DPW-2	275	198	387	74	238	299	38	41	59	15	40	35	12.25
DPWMW-3	37	35	6	21	2	11	17	25	6	6	ND	6	14.00
FMW-1R	638	1,449	469	433	816	504	299	760	230	183	329	192	14.00
FMW-2R	35	23	31	40	3	42	17	3	15	19	3	17	12.00
FMW-3	128	223	123	113	78	82	47	69	68	63	40	45	14.40
FMW-6	57,390	44,228	37,229	36,094	29,068	46,629	13,700	16,990	14,040	13,140	12,244	15,420	11.85
FMW-7	31,983	28,424	34,645	14,993	10,115	13,947	14,940	19,047	18,087	7,968	3,840	8,666	12.00
FMW-8	3,104	5,223	3,998	4,713	2,498	3,368	1,390	2,887	2,125	2,730	1,608	2,024	12.00
FMW-11	50	44	60	21	52	15	14	8	21	10	19	10	9.50
FMW-12	1,270	1,533	1,582	1,000	1,150	1,008	594	784	921	451	602	459	19.50
FMW-13R	6,400	4,342	5,574	3,190	3,202	4,812	1,190	817	1,827	766	1,012	1,007	17.55
FMW-14	346	492	350	298	198	278	123	221	153	129	90	114	15.45
FMW-15	305	103	373	179	497	218	49	14	55	31	78	37	14.87
FMW-16	899	769	624	843	950	806	390	337	195	391	410	307	15.77
FMW-17	7,407	4,412	3,753	4,369	2,197	630	5,462	3,442	3,116	3,541	1,856	515	12.00
FMW-23 (BR)	1,735	1,843	2,066	1,838	1,680	1,807	441	727	563	525	623	589	43.00
FMW-24	77	79	75	52	39	47	41	31	37	25	25	28	9.00
FMW-25	36	42	29	27	23	18	18	20	18	16	15	13	16.00
FMW-26	25	28	94	21	62	11	17	11	43	14	39	11	16.20
FMW-27	2,280	2,464	3,540	1,781	**	**	1,380	1,496	2,488	1,083	**	**	12.80
FMW-31	9,519	10,544	8,063	8,768	9,545	6,988	5,070	6,231	5,215	5,798	7,181	4,473	21.50
FMW-35 (BR)	178	242	327	312	234	220	65	142	203	207	142	111	57.50
FMW-36 (BR)	625	164	127	112	302	66	34	10	41	13	142	8	51.50
FMW-37	3,674	4,162	4,535	4,527	3,297	3,649	1,910	2,501	3,041	2,950	2,414	2,309	13.40
FMW-39	38	8	11	4	ND	19	13	5	6	ND	ND	5	6.30
FMW-40	1,337	2,124	2,167	1,864	1,922	1,834	639	1,295	1,282	984	1,073	942	12.70
MW-3	93	90	77	86	**	**	5	6	6	6	**	**	17.50
MW-4	108	103	60	**	**	**	ND	2	ND	**	**	**	17.50
MW-7S (BR)	294	362	325	221	**	**	108	145	134	93	**	**	25.00
MW-7D (BR)	70	43	81	35	36	**	19	14	28	13	12	**	45.00
MW-10D (BR)	242	247	205	**	**	**	60	82	68	**	**	**	55.00
MW-10S (BR)	307	313	271	225	148	249	101	120	101	85	62	94	37.00
MW-15S (BR)	98	18	26	13	**	**	36	9	20	7	**	**	23.10
MW-16	110	196	101	75	35	**	87	135	74	60	31	**	11.10
MW-17S (BR)	250	336	297	193	12	206	114	182	150	100	7	98	31.70
MW-18	52	45	12	14	**	**	21	24	12	10	**	**	14.95
MW-42 (BR)	414	612	558	429	**	**	117	203	169	129	**	**	58.85
MW-43 (BR)	569	596	870	787	673	500	170	210	333	241	290	170	67.90
MW-44	508	450	544	440	586	**	188	190	221	193	221	**	18.10
MW-45	496	166	1,028	233	**	**	230	108	414	124	**	**	15.00
MW-46	105	289	371	491	**	**	33	37	48	69	**	**	18.29
MW-47	239	341	313	261	186	264	92	115	107	88	62	76	18.29
MW-48 (BR)	315	334	401	370	324	372	38	46	55	44	47	38	70.93
MW-49 (BR)	218	227	252	198	**	**	41	48	51	43	**	**	61.15
PAR - 02	NS	306	**	**	**	**	NS	75	**	**	**	**	8.00
PAR - 03	232	314	344	239	193	189	54	74	70	60	54	40	10.75
UW-1	2,642	1,784	1,212	2,214	635	2,533	2,010	1,500	940	1,840	489	2,131	15.00
WW-1 (BR)	1,542	2,559	2,746	1,963	2,046	1,787	320	854	1,039	724	792	421	62.10
XDDMW-10 (BR)	174	103	93	81	56	**	50	30	27	20	16	**	60.00
XDDMW-11 (BR)	1,283	544	272	455	410	52 (503)*	480	118	74	92	87	19 (95)*	40.00
XDDMW-13 (BR)	494	354	384	396	226	331	190	158	170	171	115	152	39.15
Hangar E MW-1	**	**	6,283	5,010	4,075	4,603	**	**	207	194	221	319	15.92
Hangar E MW-2	**	**	**	**	**	1,662	**	**	**	**	**	221	15.60
Hangar E MW-3	**	**	2,949	1,778	**	**	**	**	283	179	**	**	17.31
Hangar E MW-4	**	**	**	5,985	3,632	4,117	**	**	**	466	471	565	15.80

(ng/l) - nanograms per liter (equivalent to parts per trillion)

(ft btoc) Feet Below Top of Casing

** PFAS not analyzed or well not sampled

* Data in brackets are from 5/20/21. The well was re-sampled due to anomalous results.

**TABLE 5
WESTCHESTER COUNTY AIRPORT
1,4-Dioxane Results**

Well (BR) = Bedrock Well	1,4-Dioxane (ug/l)						Well Depth (ft btoc)
	Aug. 2018	March 2019	Oct. 2019	April 2020	Oct. 2020	April 2021	
BRMW-1 (BR)	**	**	**	**	**	**	45.10
BRMW-2 (BR)	**	**	**	**	**	**	45.75
DPW-2	ND	**	**	**	**	**	12.25
DPWMW-3	**	**	**	**	**	**	14.00
FMW-1R	**	**	**	**	**	**	14.00
FMW-2R	**	ND	**	**	**	**	12.00
FMW-3	**	**	**	**	**	ND	14.40
FMW-6	**	ND	**	**	**	**	11.85
FMW-7	**	**	**	**	**	**	12.00
FMW-8	**	**	**	**	**	**	12.00
FMW-11	**	**	**	**	**	**	9.50
FMW-12	**	**	**	**	**	**	19.50
FMW-13R	ND	**	**	**	**	**	17.55
FMW-14	**	**	**	**	ND	**	15.45
FMW-15	**	**	**	**	ND	**	14.87
FMW-16	**	**	**	0.68	ND	ND	15.77
FMW-17	**	**	**	**	**	**	12.00
FMW-23 (BR)	**	ND	**	**	**	**	43.00
FMW-24	**	**	**	**	ND	**	9.00
FMW-25	ND	**	**	**	**	**	16.00
FMW-26	ND	**	**	**	**	**	16.20
FMW-27	**	**	**	**	**	**	12.80
FMW-31	**	**	**	**	**	**	21.50
FMW-35 (BR)	**	**	**	**	**	**	57.50
FMW-36 (BR)	**	**	**	**	**	**	51.50
FMW-37	**	**	**	**	**	**	13.40
FMW-39	**	ND	**	**	**	**	6.30
FMW-40	**	**	**	ND	**	**	12.70
MW-3	**	**	**	0.42	9.33	**	17.50
MW-4	**	**	**	**	**	**	17.50
MW-7S (BR)	**	32	32.4	30.3	11.4	22	25.00
MW-7D (BR)	**	**	**	**	**	**	45.00
MW-10D (BR)	**	5	6.58	**	**	**	55.00
MW-10S (BR)	**	8.4	9.72	9.38	6.94	**	37.00
MW-15S (BR)	**	**	**	ND	**	**	23.10
MW-16	**	**	**	**	**	**	11.10
MW-17S (BR)	**	**	**	**	**	**	31.70
MW-18	**	**	**	**	**	**	14.95
MW-42 (BR)	**	**	**	**	**	**	58.85
MW-43 (BR)	**	**	**	**	**	**	67.90
MW-44	**	ND	**	**	**	**	18.10
MW-45	**	**	**	**	**	**	15.00
MW-46	**	**	**	**	**	**	18.29
MW-47	**	**	**	**	**	**	18.29
MW-48 (BR)	**	ND	**	**	**	**	70.93
MW-49 (BR)	**	**	**	**	**	**	61.15
PAR - 02 (see note)	ND	**	**	**	**	**	8.00
PAR - 03 (see note)	ND	**	**	**	**	**	10.75
UW-1	ND	**	**	**	**	**	15.00
WW-1 (BR)	**	**	**	**	**	ND	62.10
XDDMW-10 (BR)	**	2.5	2.0	**	**	**	60.00
XDDMW-11 (BR)	4.5	3.82	2.0	4.44	4.22	1.14 (5.6)*	40.00
XDDMW-13 (BR)	**	ND	**	**	**	**	39.15
Hangar E MW-1	**	**	1,940	470	2,590	580	15.92
Hangar E MW-2	**	**	263	420	440	889	15.60
Hangar E MW-3	**	**	17.2	42.6	**	**	17.31
Hangar E MW-4	**	**	28.3	27.7	13.1	32	15.80

Note: PAR-02 and PAR-03 results from NYSDEC April 2018 sampling event.

(ug/l) - micrograms per liter (equivalent to parts per billion)

(ft btoc) Feet Below Top of Casing

** Not Analyzed

ND - Not Detected (see lab report for detection limits)

* Data in brackets are from 5/20/21. The well was re-sampled due to anomalous results.

TABLE 6
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results

Page 1 of 4

Sample ID	NYSDEC TOGS	DPW-2				DPWMW-3				FMW-2R				FMW-8				FMW-12				FMW-14			
		Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021
Volatile Organics, 8260	ug/L	ug/L	ug/l	ug/l	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.22 J
2-Butanone	50*	0.52 JB	ND	ND	ND	2.8 JB	ND	2.4	ND	0.46 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 JB	ND	0.25 J
4-Methyl-2-pentanone	~	ND	0.21 J	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50*	ND	1.6 J	ND	ND	6.1	ND	6.1 B	3.2	ND	1.1 J	ND	ND	1.0 J	ND	ND	ND	1.8 J	ND	18 B	ND	2.6	1.1 J	2.0 J	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92	ND	1.40
Bromomethane	5	ND	ND	ND	ND	0.40 J	ND	ND	ND	ND	ND	ND	ND	0.30 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	60*	ND	ND	ND	ND	1.7	ND	0.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.3	17	4.2
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58	0.65	0.37 J	0.60	ND	ND	ND	ND	ND	0.21 J	ND	ND
Cyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	200	ND	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

ug/L micrograms per liter (parts per billion)

ND - Not Detected (see lab reports for detection limits).

** - Not Analyzed

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

TABLE 6
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results

Sample ID	NYSDEC TOGS	FMW-16				FMW-23				FMW-25				FMW-31				FMW-39					FMW-40			
		Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	May 2021	Oct. 2019	April 2020	Oct. 2020	April 2021
Volatile Organics, 8260	ug/L	ug/L	ug/l	ug/l	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/l	ug/L	ug/l	ug/L	ug/l
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	9.1	8.8	2.3	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	3.4	4.4	0.88	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50*	0.56 JB	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5 JB	ND	ND	0.61	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50*	1.1 J	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	5.8	5.6	6.1 B	3.4	1.1 J	1.6 J	1.6 JB	2.6	1.8 JB	3.3	ND	2.4 B	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	0.25 JB	ND	ND	ND	0.29 J	ND	ND	ND	**	**	ND	ND	0.31 J	ND	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	60*	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	170	160	130	190	**	**	ND	ND	1.6	1.1	1.4	0.88	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	0.50	0.94	0.30 J	0.57	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	1.0	2.4	0.57	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	1.3	3.2	0.55	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	0.51	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	0.37 J	0.70	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	25	48	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	0.76	0.80	0.90	0.94	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	0.78	ND	1.2	0.98	0.78	0.99	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	5.1	ND	ND	**	**	ND	ND	ND	0.79	ND	0.49 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	1.1 J	1.1 J	ND	0.86 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

ug/L micrograms per liter (parts per billion)

ND - Not Detected (see lab reports for detection limits).

** - Not Analyzed

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

TABLE 6
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results

Page 3 of 4

Sample ID	NYSDEC TOGS	MW-7S				MW-10S				MW-17S		MW-43				MW-48				XDDMW-10				XDDMW-11	
		Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2020	April 2021
Volatile Organics, 8260	ug/L	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/L	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l
1,1,1-Trichloroethane	5	3.9	5.1	5.6	3.4	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,1-Dichloroethane	5	64	78	36	56	14	15	17	13	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	4.8	5.3	2.8	**	ND
1,1-Dichloroethylene	5	16	22	4.8	15	1.5	3.8	6.3	4.0	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
2-Butanone	50*	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	0.33 JB	ND	ND	ND	0.74 JB	ND	ND	ND	ND	ND	ND	ND	**	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Acetone	50*	ND	ND	1.0 J	2.8	ND	ND	ND	ND	**	ND	ND	1.0 J	3.3	ND	ND	ND	1.30 J	ND	ND	ND	ND	**	ND	
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	ND	ND	ND	**	ND
Carbon disulfide	60*	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	0.45 J	ND	ND	ND	0.20 J	ND	ND	ND	ND	**	ND	
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
cis-1,2-Dichloroethylene	5	37	36	42	33	4.5	11	15	11	**	0.26 J	ND	ND	ND	ND	ND	ND	ND	7.1	4.3	6.8	2.3	**	ND	
Cyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Ethyl Benzene	5	5	ND	ND	ND	1.8	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Methyl tert-butyl ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	5.50	3.30	6.40	5.90	1.50	1.30	1.50	1.20	ND	ND	ND	ND	**	ND
Methylcyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Methylene chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	1.60	ND	ND	ND	ND	ND	ND	ND	**	ND	
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Tetrachloroethylene	5	17	28	0.28 J	11	1.2	4.6	6.1	2.6	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Toluene	5	10	ND	ND	ND	3.9	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
trans-1,2-Dichloroethylene	5	0.44 J	0.46 J	0.51	0.36 J	0.24 J	0.29 J	0.44 J	0.23 J	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31 J	**	ND	
Trichloroethylene	5	14	19	17	13	1.5	3.0	4.2	3.0	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Vinyl Chloride	2	6.4	4.8	5.1	6.2	1.7	ND	2.3	1.1	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	
Xylenes, Total	5	33	ND	ND	ND	9.7	ND	ND	ND	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	ND	

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

ug/L micrograms per liter (parts per billion)

ND - Not Detected (see lab reports for detection limits).

** - Not Analyzed

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

TABLE 6
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results

Page 4 of 4

Sample ID	NYSDEC TOGS	Hangar E-1 MW-1				Hangar E-1 MW-2				Hangar E-1 MW-3				Hangar E-1 MW-4			
		Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021
Volatile Organics, 8260	ug/L	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	2.4	ND	3.10	ND	ND	**	**	ND	ND	ND	ND
1,1-Dichloroethane	5	35	31	24	24	29	20	16	16	4.3	4.9	**	**	0.55	0.64	0.45 J	0.59
1,1-Dichloroethylene	5	130	110	180	67	59	27	57	21	14	9.0	**	**	0.52	0.45 J	0.69	0.41 J
1,2,4-Trimethylbenzene	5	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
1,2-Dichlorobenzene	3	0.23 J	ND	0.28 J	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
1,2-Dichloroethane	0.6	8.4	5.5	11	ND	3.6	1.4	2.6	ND	ND	0.21 J	**	**	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
2-Butanone	50*	ND	ND	ND	ND	ND	ND	ND	ND	0.7 JB	ND	**	**	0.23 JB	ND	ND	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Acetone	50*	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	**	**	ND	ND	1.9 JB	ND
Benzene	1	0.85	0.66	1.2	0.64	0.46 J	0.22 J	0.66	ND	0.27 J	0.21 J	**	**	ND	ND	ND	ND
Bromomethane	5	0.39 J	ND	ND	ND	0.40 J	ND	ND	ND	0.43 J	ND	**	**	0.22 J	ND	ND	ND
Carbon disulfide	60*	ND	ND	ND	ND	ND	0.23 J	0.22 J	ND	ND	0.24 J	**	**	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Chloroethane	5	46	47	51	42	0.42 J	1.4	0.24 J	ND	ND	ND	**	**	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	18	15	25	9.2	6.5	3.0	11	3.1	2.6	1.7	**	**	0.41 J	0.48 J	0.48 J	0.43 J
Cyclohexane	~	ND	ND	0.41 J	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.510	ND	**	**	ND	ND	ND	ND
Methyl tert-butyl ether	10*	0.23 J	ND	0.26 J	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Methylcyclohexane	~	ND	0.37 J	0.660	ND	ND	0.37 J	0.32 J	ND	ND	ND	**	**	ND	ND	ND	ND
Methylene chloride	5	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
o-Xylene	5	ND	0.34 J	0.47 J	0.45 J	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
sec-Butylbenzene	5	0.31 J	0.27 J	0.35 J	ND	0.21 J	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	28	10	22	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
Toluene	5	ND	ND	0.21 J	ND	ND	ND	ND	ND	ND	ND	**	**	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	0.21 J	ND	0.36 J	ND	ND	ND	0.21 J	ND	ND	ND	**	**	ND	ND	ND	ND
Trichloroethylene	5	1.2	1.2	1.3	1.0	0.79	0.54	0.73	0.44 J	ND	ND	**	**	ND	ND	ND	ND
Vinyl Chloride	2	19	13	38	64	5.3	2.6	6.2	4.0	2.4	ND	**	**	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	0.65 J	0.68 J	ND	ND	ND	1.20	ND	ND	**	**	ND	ND	ND	ND

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

ug/L micrograms per liter (parts per billion)

ND - Not Detected (see lab reports for detection limits).

** - Not Analyzed

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

TABLE 7
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results - Former Air National Guard Site V00499

Sample ID	NYSDEC TOGS	DPWMW-3				FMW-12				FMW-31				FMW-35**			FMW-36**		FMW-37**		FMW-40				
		Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	April 2021	Oct. 2019	April 2020	Oct. 2020	August 2018	March 2019	August 2018	March 2019	Oct. 2019	April 2020	Oct. 2020	April 2021	
Volatile Organics, 8260	ug/L	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/l	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	9.1	8.8	2.3	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	3.4	4.4	0.88	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50*	2.8 JB	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	~	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50*	6.1	ND	6.1 B	3.2	1.8 J	ND	18 B	ND	5.8	5.6	6.1 B	3.4	ND	ND	ND	2.7	ND	4.3	ND	3.3	ND	2.4 B	ND	
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	0.40 J	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND	ND	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	60*	1.7	ND	0.74	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.6	1.1	1.4	0.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.50	0.94	0.30 J	0.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.0	2.4	0.57	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.3	3.2	0.55	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.37 J	0.70	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	200	ND	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79	ND	0.49 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	1.1 J	ND	0.86 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

ug/L micrograms per liter (parts per billion).

ND - analyte not detected (see lab reports for detection limits).

NT - analyte not tested.

J - analyte detected at or above the method detection limit but below the reporting limit - data is estimated.

B - analyte found in the analysis batch blank indicating laboratory cross contamination.

**Sampling of this well has been discontinued based on a history of limited detections and no standard exceedences.

**TABLE 8
WESTCHESTER COUNTY AIRPORT
Volatile Organics Results - Former Hangar B Site V00611**

Sample ID Compound	NYSDEC TOGS	MW-42**				MW-43				MW-44**				MW-45**		MW-46**		MW-47**		MW-48				MW-49**			
		March 2019	Oct. 2019	April 2020	Oct. 2020	Oct. 2019	April 2020	Oct. 2020	April 2021	March 2019	Oct. 2019	April 2020	Oct. 2020	August 2018	March 2019	August 2018	March 2019	August 2018	March 2019	Oct. 2019	April 2020	Oct. 2020	April 2021	August 2018	March 2019	Oct. 2019	April 2020
Volatile Organics, 8260	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L	ug/l	ug/L	ug/l	ug/L	ug/L	ug/l	ug/l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	ug/l	ug/L	ug/l	ug/L	ug/L	ug/L	ug/l
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50*	ND	0.38 JB	ND	ND	0.33 JB	ND	ND	ND	ND	0.29 JB	ND	ND	ND	ND	ND	ND	ND	ND	0.74 JB	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50*	ND	ND	ND	ND	ND	1.0 J	3.3	ND	ND	ND	ND	ND	ND	ND	ND	2.10	ND	ND	ND	ND	1.30 J	ND	ND	1.2 J	ND	
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 JB	ND
Carbon disulfide	60*	ND	ND	ND	ND	ND	ND	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10*	0.25	0.45 J	ND	ND	5.5	3.3	6.4	5.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	1.3	1.5	1.20	0.32 J	0.39	0.32 J	ND
Methylcyclohexane	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND	ND	ND	ND	1.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NYSDEC TOGS - State groundwater standards and guidance values.

Exceeds Standard or Guidance

* - indicates a guidance value as opposed to a standard.

~ - indicates that no regulatory limit has been established for this analyte.

ug/L micrograms per liter (parts per billion).

ND - analyte not detected (see lab reports for detection limits).

NT - analyte not tested.

J - analyte detected at or above the method detection limit but below the reporting limit - data is estimated.

B - analyte found in the analysis batch blank indicating laboratory cross contamination.

**Sampling of this well has been discontinued based on a history of limited detections and no standard exceedences.

TABLE 9
WESTCHESTER COUNTY AIRPORT
Field Duplicate Results

Date	04/29/21	
Sample ID	XDDMW-11	Duplicate
1,4-Dioxane (ug/l)	1.14	ND

Date	04/27/21		04/29/21	
Sample ID	FMW-6	Duplicate	XDDMW-11	Duplicate
PFAS EPA 537	ng/L	ng/l	ng/L	ng/l
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1,540	1,330	ND	ND
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1,310	1,050	5.86	ND
N-EtFOSAA	ND	ND	ND	ND
N-MeFOSAA	ND	ND	ND	ND
Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ND
Perfluoro-1-heptanesulfonic acid (PFHpS)	349	350	ND	ND
Perfluoro-1-octanesulfonamide (FOSA)	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	361	356	ND	ND
Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	2,600	1,950	2.49	2.41
Perfluorohexanesulfonic acid (PFHxS)	6,800	7,590	8.43	7.72
Perfluorohexanoic acid (PFHxA)	2,640	2,440	4.34	3.91
Perfluoro-n-butanoic acid (PFBA)	1,030	943	4.46	3.44
Perfluorononanoic acid (PFNA)	1,460	1,170	2.7	2.79
Perfluorooctanesulfonic acid (PFOS)	12,800	9,770	12.9	12.5
Perfluorooctanoic acid (PFOA)	2,620	2,620	6.11	6.17
Perfluoropentanoic acid (PFPeA)	2,950	2,610	4.38	4.37
Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTTrDA)	309	265	ND	ND
Perfluoroundecanoic acid (PFUnA)	9,860	9,030	ND	ND
TOTAL PFAS	46,629	41,474	52	43

ND - analyte not detected (see lab reports for detection limits).

ng/l = nanograms per liter or parts per trillion.

ug/l = micrograms per liter or parts per billion.

Date	04/29/21	
Sample ID	XDDMW-11	Duplicate
Volatile Organics, 8260	ug/l	ug/l
1,1,1-Trichloroethane	ND	ND
1,1-Dichloroethane	ND	ND
1,1-Dichloroethylene	ND	ND
1,2,4-Trimethylbenzene	ND	ND
1,2-Dichlorobenzene	ND	ND
1,2-Dichloroethane	ND	ND
1,3,5-Trimethylbenzene	ND	ND
1,4-Dichlorobenzene	ND	ND
2-Butanone	ND	ND
4-Methyl-2-pentanone	ND	ND
Acetone	ND	ND
Benzene	ND	ND
Bromomethane	ND	ND
Carbon disulfide	ND	ND
Chlorobenzene	ND	ND
Chloroethane	ND	ND
cis-1,2-Dichloroethylene	ND	ND
Cyclohexane	ND	ND
Ethyl Benzene	ND	ND
Isopropylbenzene	ND	ND
Methyl tert-butyl ether	ND	ND
Methylene chloride	ND	ND
n-Propylbenzene	ND	ND
o-Xylene	ND	ND
p-&m-Xylenes	ND	ND
sec-Butylbenzene	ND	ND
tert-Butyl alcohol (TBA)	ND	ND
tert-Butylbenzene	ND	ND
Tetrachloroethylene	ND	ND
Toluene	ND	ND
trans-1,2-Dichloroethylene	ND	ND
Trichloroethylene	ND	ND
Vinyl Chloride	ND	ND
Xylenes, Total	ND	ND

TABLE 10
WESTCHESTER COUNTY AIRPORT
Field Blank Results Summary

(see lab reports for full blank analyte lists)

Date	Units	04/26/21		04/27/21	04/28/21		04/29/21		04/30/21	
Sample ID		Field Blank	Trip Blank	Field Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank
PFAS (all compounds)	ng/l	ND	NA	ND	ND	NA	ND	NA	ND	NA
Acetone	ug/l	ND	ND	1.10 J	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/l	ND	ND	ND	ND	0.39 JB	ND	ND	ND	0.36 JB
Methylene chloride	ug/l	ND	ND	ND	2.8	ND	ND	ND	2.4 B	ND
1,4-Dioxane	ug/l	ND	NA	ND	ND	NA	ND	NA	NA	NA
Glycols	mg/l	ND	NA	----	ND	NA	ND	NA	ND	NA

(ng/l) - nanograms per liter (equivalent to parts per trillion)

(ug/l) - micrograms per liter (equivalent to parts per billion)

(mg/l) - milligrams per liter (equivalent to parts per million)

B - analyte found in the analysis batch blank indicating laboratory cross contamination.

J - analyte detected at or above the method detection limit but below the reporting limit - data is estimated.

ND - not detected (see lab reports for detection limits)

NA - not applicable, trip blanks are only analyzed for volatile organics.

---- analyte not tested on this day, blank analyses not required.

TABLE 11
WESTCHESTER COUNTY AIRPORT
Groundwater Level Measurements - April 2021

Well (BR) = Bedrock Well	Date	Top of Casing Elevation (ft msl)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft msl)	Well Depth (ft btoc)
BRMW-1 (BR)	04/27/21	429.62	2.98	426.64	45.10
BRMW-2 (BR)	NM	431.33	NM	NM	45.75
DPW-2	04/26/21	NA	2.27	NA	12.25
DPWMW-3	04/30/21	435.02	5.35	429.67	14.00
FMW-1R	04/27/21	440.90	10.25	430.65	14.00
FMW-2R	04/28/21	398.60	3.00	395.60	12.00
FMW-3	04/26/21	428.42	4.18	424.24	14.40
FMW-6	04/27/21	424.75	3.00	421.75	11.85
FMW-7	04/27/21	423.72	2.95	420.77	12.00
FMW-8	04/26/21	423.40	0.00	423.40	12.00
FMW-11	04/30/21	423.76	1.24	422.52	9.50
FMW-12	04/29/21	435.45	13.35	422.10	19.50
FMW-13R	04/26/21	427.87	6.42	421.45	17.55
FMW-14	04/26/21	404.69	4.90	399.79	15.45
FMW-15	04/26/21	415.29	9.55	405.74	14.87
FMW-16	04/26/21	416.20	4.78	411.42	15.77
FMW-17	04/30/21	422.37	1.32	421.05	12.00
FMW-23 (BR)	04/27/21	423.72	2.13	421.59	43.00
FMW-24	04/28/21	394.21	1.62	392.59	9.00
FMW-25	04/26/21	375.35	5.00	370.35	16.00
FMW-26	04/26/21	404.79	4.85	399.94	16.20
FMW-27	NM	421.89	NM	NM	12.80
FMW-31	04/29/21	428.37	8.80	419.57	21.50
FMW-35 (BR)	04/29/21	440.53	17.75	422.78	57.50
FMW-36 (BR)	04/29/21	435.42	0.00	435.42	51.50
FMW-37	04/30/21	425.71	6.02	419.69	13.40
FMW-39	04/28/21	388.77	4.13	384.64	6.30
FMW-40	04/29/21	428.93	7.87	421.06	12.70
MW-3	NM	409.54	NM	NM	17.50
MW-4	NM	408.93	NM	NM	17.50
MW-7S (BR)	04/28/21	409.16	8.42	400.74	25.00
MW-7D (BR)	NM	409.46	NM	NM	45.00
MW-10D (BR)	NM	409.40	NM	NM	55.00
MW-10S (BR)	04/28/21	409.43	10.50	398.93	37.00
MW-15S (BR)	NM	NA	NM	NM	23.10
MW-16	NM	NA	NM	NM	11.10
MW-17S (BR)	04/28/21	NA	4.00	NA	31.70
MW-18	NM	NA	NM	NM	14.95
MW-42 (BR)	NM	423.08	NM	NM	58.85
MW-43 (BR)	04/27/21	417.08	4.95	412.13	67.90
MW-44	NM	417.66	NM	NM	18.10
MW-45	NM	421.84	NM	NM	15.00
MW-46	NM	426.17	NM	NM	18.29
MW-47	04/27/21	428.90	13.32	415.58	18.29
MW-48 (BR)	04/27/21	425.51	15.75	409.76	70.93
MW-49 (BR)	NM	428.26	NM	NM	61.15
PAR-03	04/26/21	NA	3.42	NA	10.75
UW-1	04/26/21	NA	5.71	NA	15.00
WW-1 (BR)	04/27/21	443.76	17.41	426.35	62.10
XDDMW-10 (BR)	04/29/21	409.69	19.75	389.94	60.00
XDDMW-11 (BR)	04/29/21	409.19	18.85	390.34	40.00
XDDMW-13 (BR)	04/30/21	411.59	7.03	404.56	39.15
Hangar E MW-1	04/28/21	396.36	10.1	386.26	15.92
Hangar E MW-2	04/28/21	396.23	9.57	386.66	15.60
Hangar E MW-3	NM	396.18	NM	NM	17.31
Hangar E MW-4	04/28/21	396.53	9.99	386.54	15.80

(ft msl) - feet above mean sea level

(ft btoc) - feet below top of casing

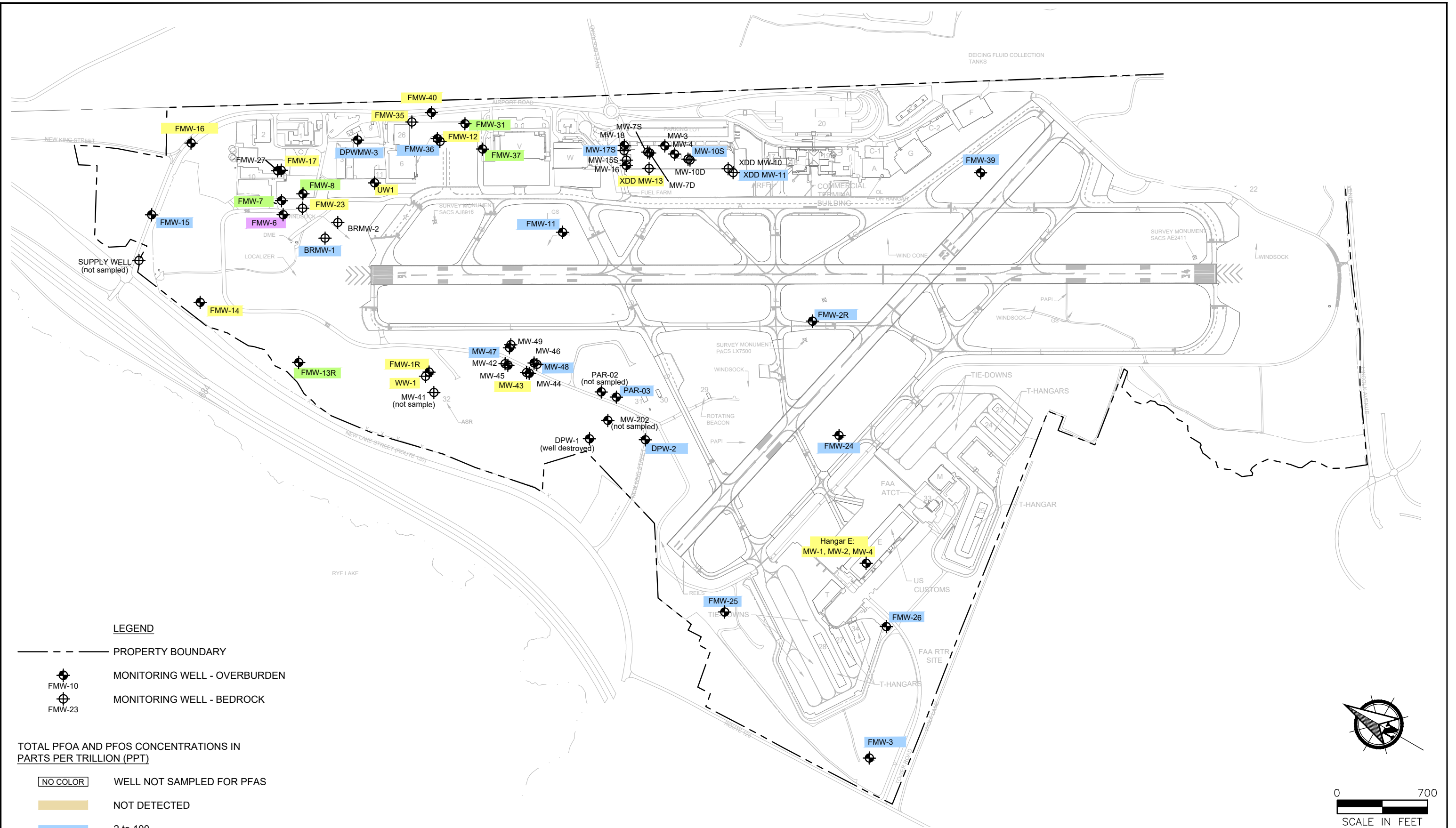
NA - Not Available

NM - Not Measured



FIGURES

O:\DWG\Westchester County Airport\2021\F1 TotalPFOA_April2021.dwg, Layout1, 6/29/2021 1:33:40 PM, DWG To PDF, pc3



LEGEND

--- PROPERTY BOUNDARY

⊕ FMW-10 MONITORING WELL - OVERBURDEN

⊕ FMW-23 MONITORING WELL - BEDROCK

TOTAL PFOA AND PFOS CONCENTRATIONS IN PARTS PER TRILLION (PPT)

NO COLOR WELL NOT SAMPLED FOR PFAS

NOT DETECTED

2 to 100

101 to 1,000

1,001 to 10,000

10,001 to maximum (15,420)

B SOURCE: DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.



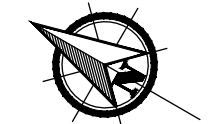
WSP USA
500 Summit Lake Drive
Suite 450
Valhalla, New York 10595
(914) 694-5711

Drawn By: RAC
Checked: MKD
Approved: JB
DWG Date: 06/29/21

Westchester County Airport
White Plains, New York

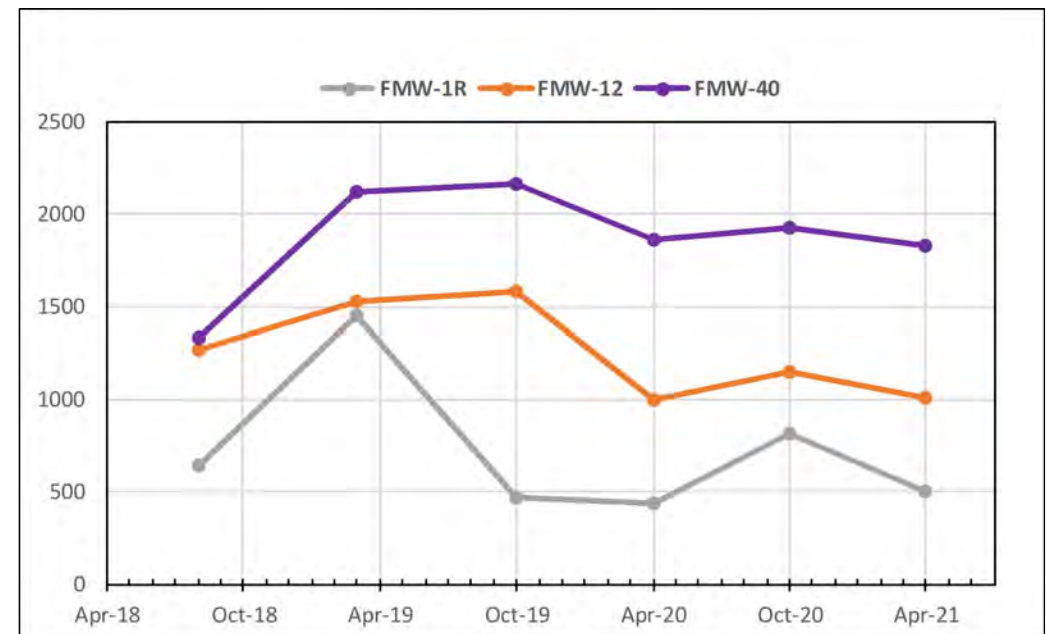
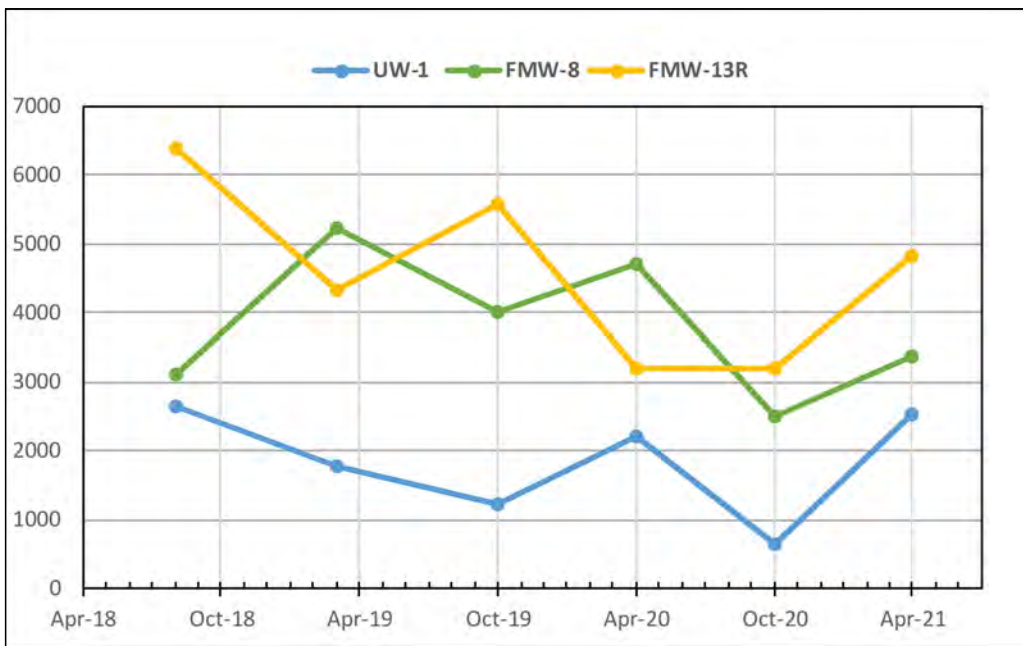
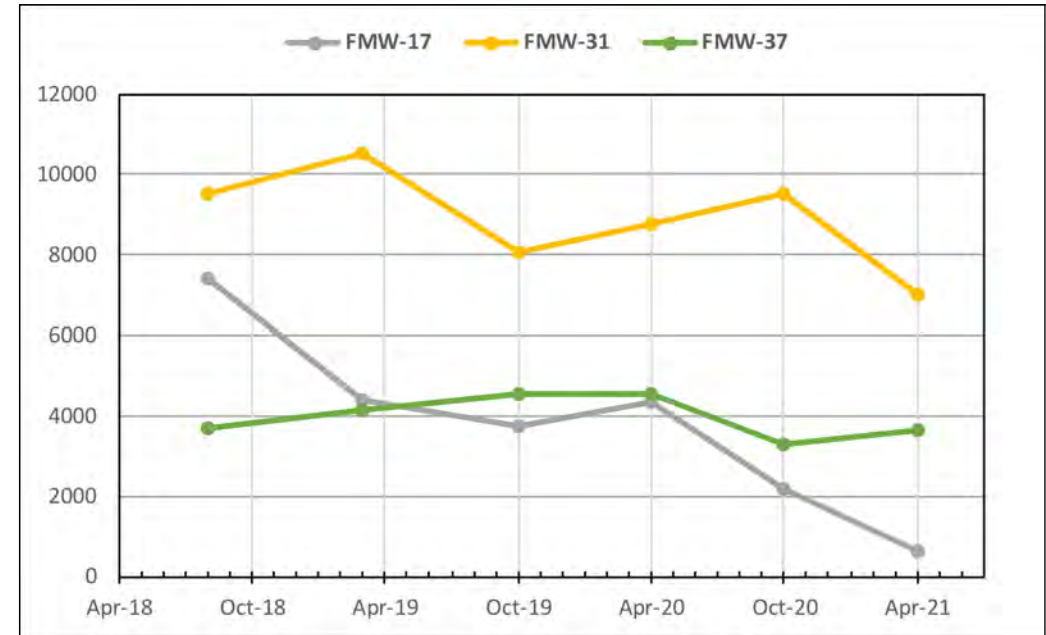
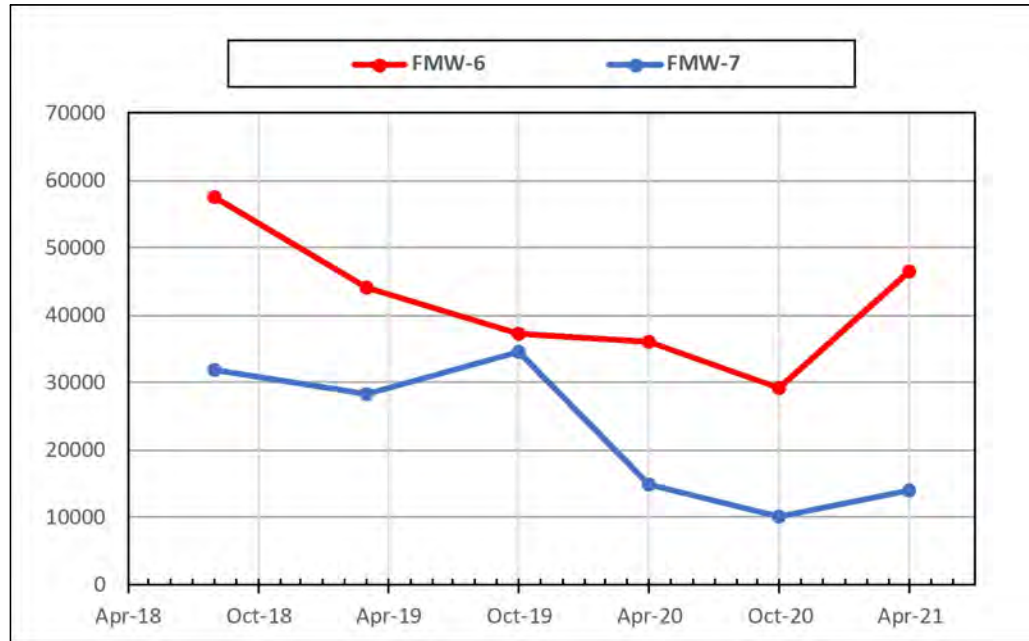
TOTAL PFOA AND PFOS
CONCENTRATIONS - APRIL 2021

FIGURE 1



0 700
SCALE IN FEET

O:\DWG\Westchester County Airport\2021\F2_Totals\FAS_XC.dwg_Layout1_6/30/2021 8:47:05 AM, DWG To PDF.pc3



LEGEND:

X-AXIS UNITS ARE MONTH AND YEAR

Y-AXIS UNITS ARE NANO-GRAMS PER LITER



WSP USA
500 Summit Lake Drive
Suite 450
Valhalla, New York 10595
(914) 694-5711

Drawn By:	RAC
Checked:	JB
Approved:	JB
DWG Date:	06/30/21

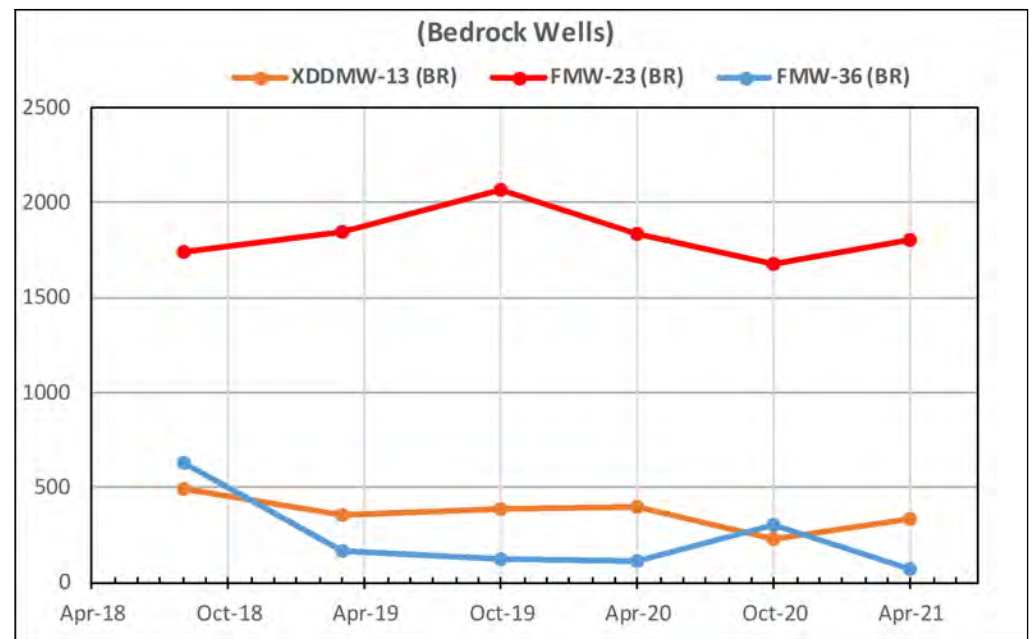
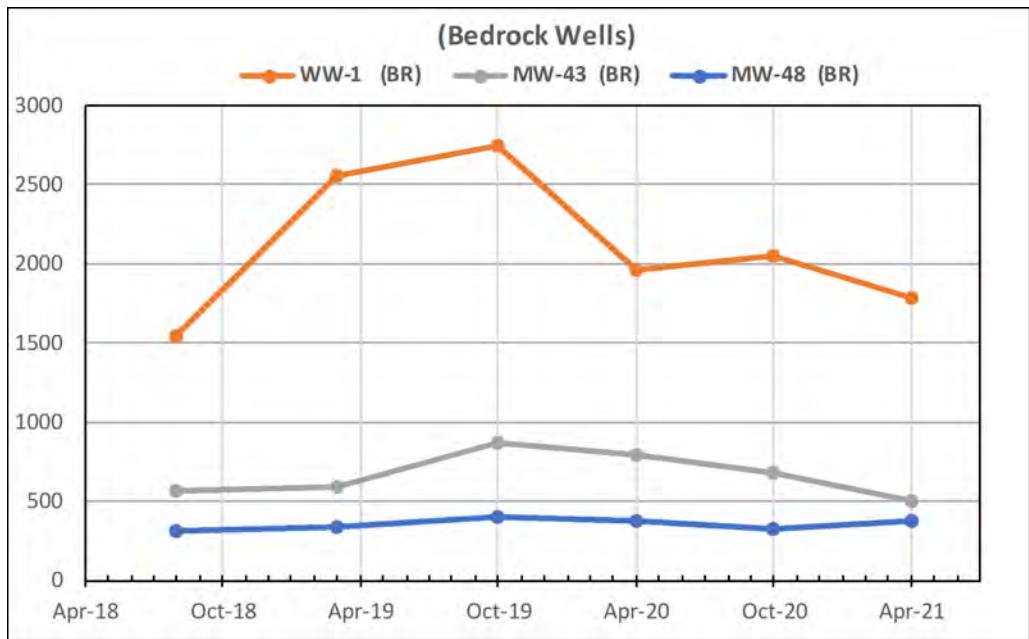
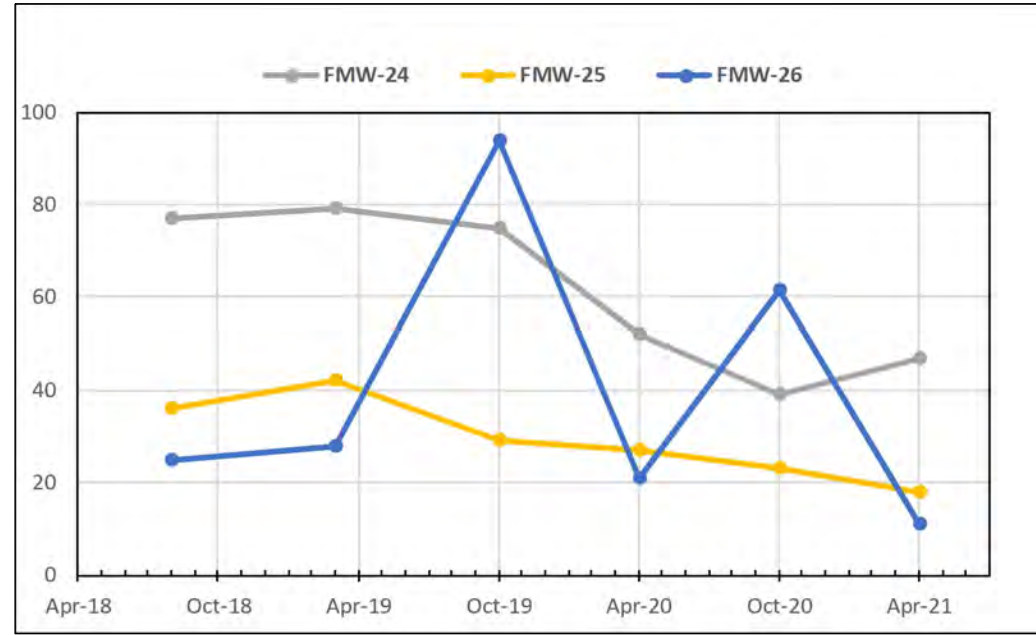
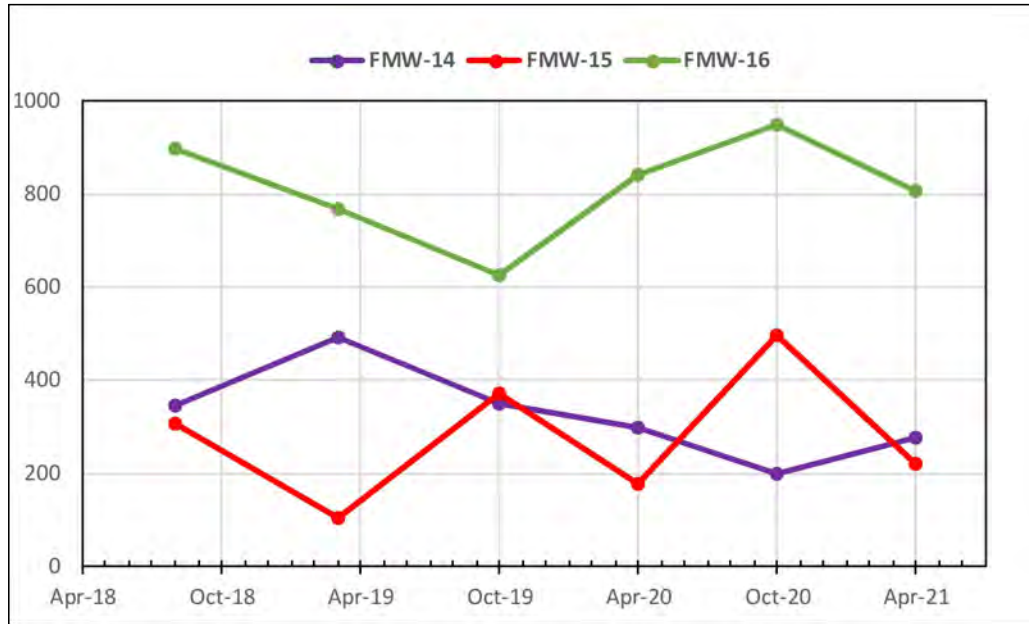
Westchester County Airport
White Plains, New York

TOTAL PFAS CONCENTRATIONS OVER
TIME - CONCENTRATIONS UP TO 60,000
NANO-GRAMS PER LITER

FIGURE 2

B

O:\DWG\Westchester County Airport\2021\F3_Totals\FAS_XC.dwg_Layout1_6/30/2021 8:46:01 AM, DWG To PDF.pc3



LEGEND:

X-AXIS UNITS ARE MONTH AND YEAR

Y-AXIS UNITS ARE NANO-GRAMS PER LITER



WSP USA
500 Summit Lake Drive
Suite 450
Valhalla, New York 10595
(914) 694-5711

Drawn By:	RAC
Checked:	JB
Approved:	JB
DWG Date:	06/30/21

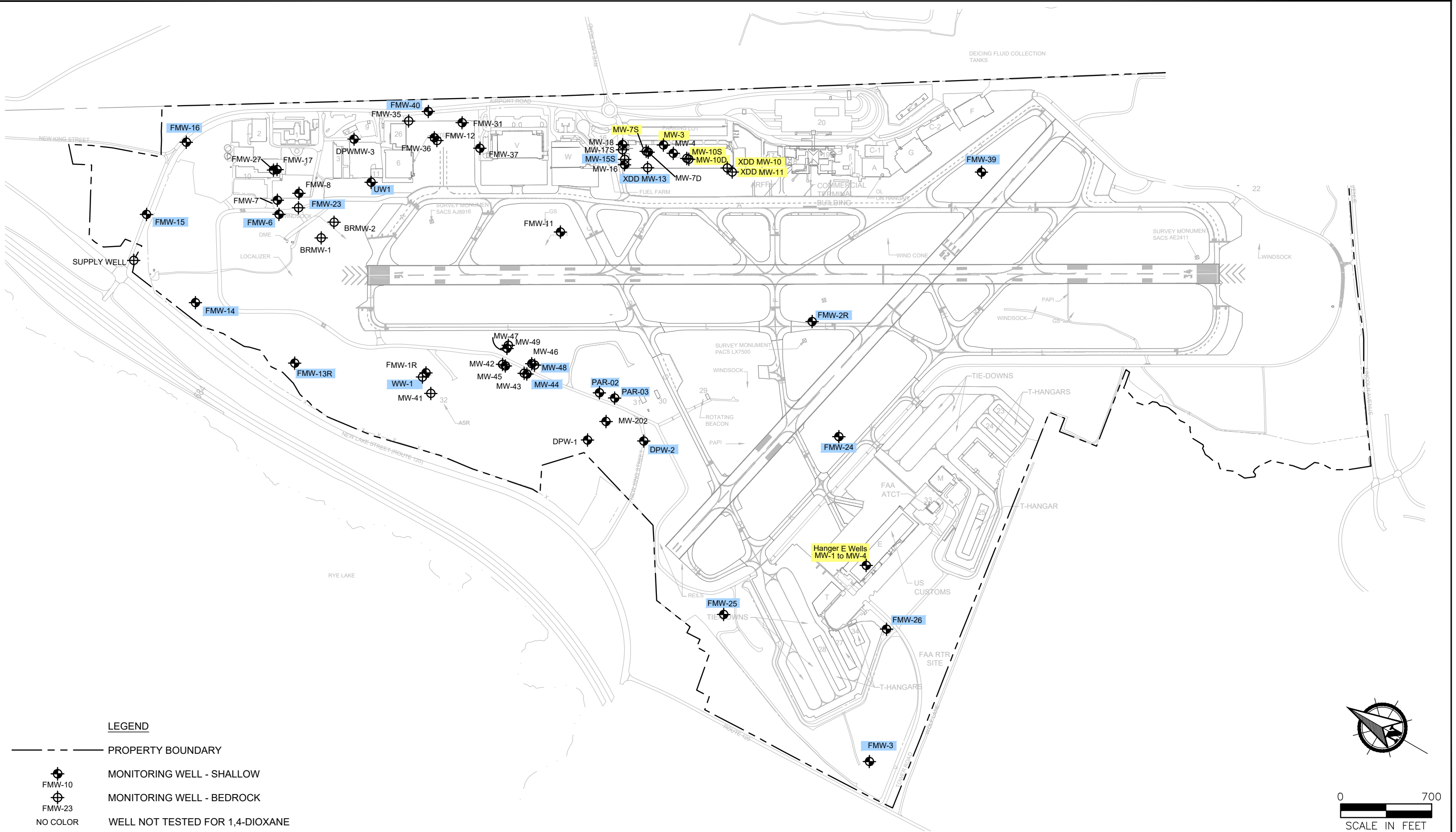
Westchester County Airport
White Plains, New York

TOTAL PFAS CONCENTRATIONS OVER TIME - CONCENTRATIONS UP TO 3,000 NANO-GRAMS PER LITER

FIGURE 3

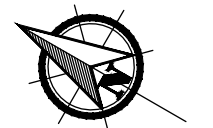
B

O:\DWG\Westchester County Airport\2021\F4_1,4-Dioxane_2018-2021.dwg_Layout1_6/29/2021 1:48:49 PM_DWG To PDF.pc3



LEGEND

- PROPERTY BOUNDARY
- ⊕ MONITORING WELL - SHALLOW
- ⊕ MONITORING WELL - BEDROCK
- NO COLOR WELL NOT TESTED FOR 1,4-DIOXANE
- 1,4-DIOXANE DETECTED
- 1,4-DIOXANE NOT DETECTED



B

SOURCE:
DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.

	WSP USA 500 Summit Lake Drive Suite 450 Valhalla, New York 10595 (914) 694-5711
	Drawn By: RAC
	Checked: MKD
	Approved: JB
DWG Date: 06/29/21	

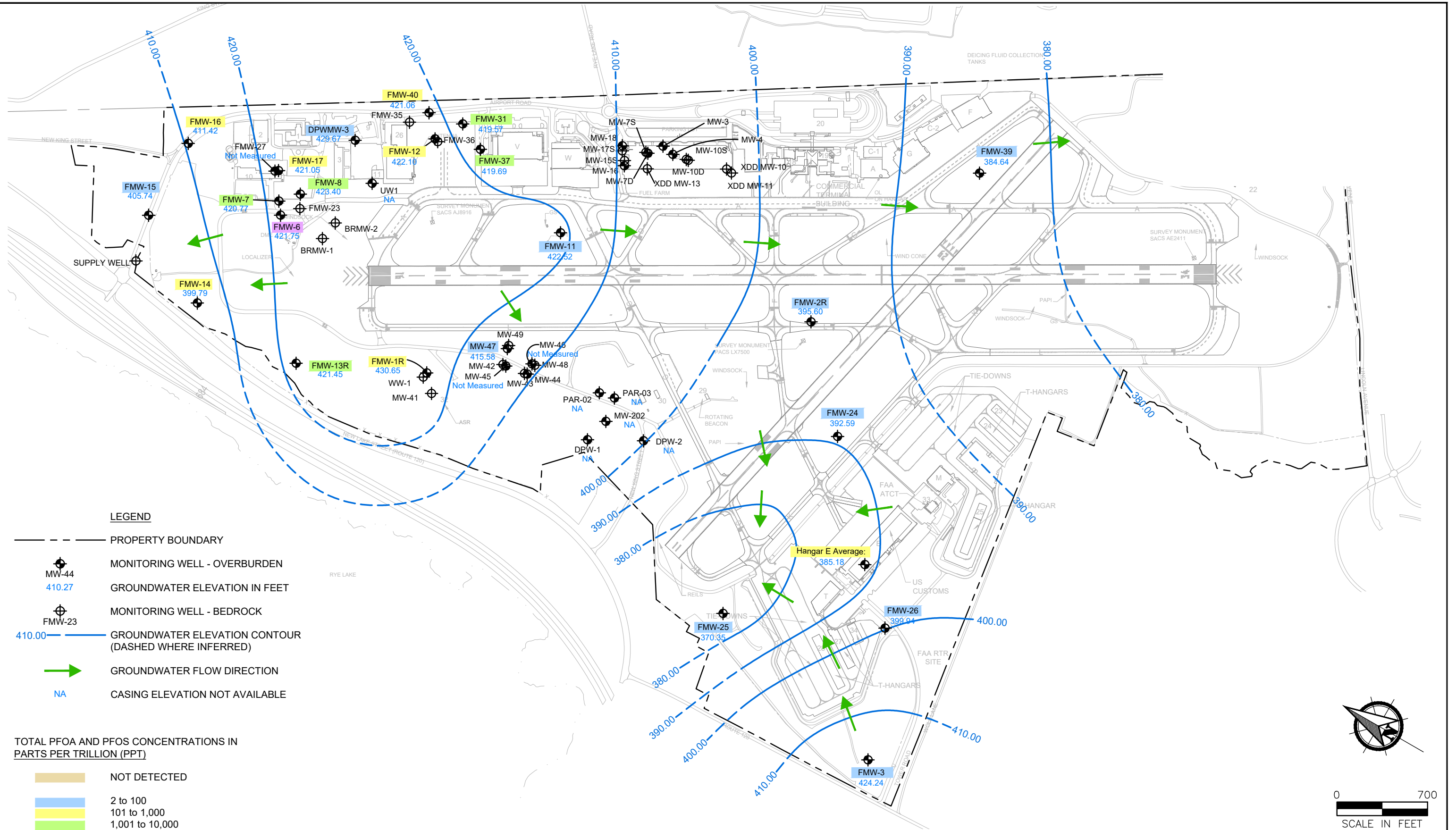
Drawn By: RAC
Checked: MKD
Approved: JB
DWG Date: 06/29/21

Westchester County Airport
White Plains, New York

WELLS SAMPLED FOR 1,4-DIOXANE
2018 - 2021

FIGURE 4

O:\DWG\Westchester County Airport\2021\F5 - ShallowGW2104.dwg, Layout1, 6/30/2021 8:43:36 AM, DWG To PDF, pc3



LEGEND

- PROPERTY BOUNDARY
- MW-44
410.27
MONITORING WELL - OVERBURDEN
GROUNDWATER ELEVATION IN FEET
- FMW-23
MONITORING WELL - BEDROCK
GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- 410.00
GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- NA CASING ELEVATION NOT AVAILABLE

TOTAL PFOA AND PFOS CONCENTRATIONS IN PARTS PER TRILLION (PPT)

- NOT DETECTED
- 2 to 100
- 101 to 1,000
- 1,001 to 10,000
- 10,001 to maximum (15,420)

B SOURCE: DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.



WSP USA
500 Summit Lake Drive
Suite 450
Valhalla, New York 10595
(914) 694-5711

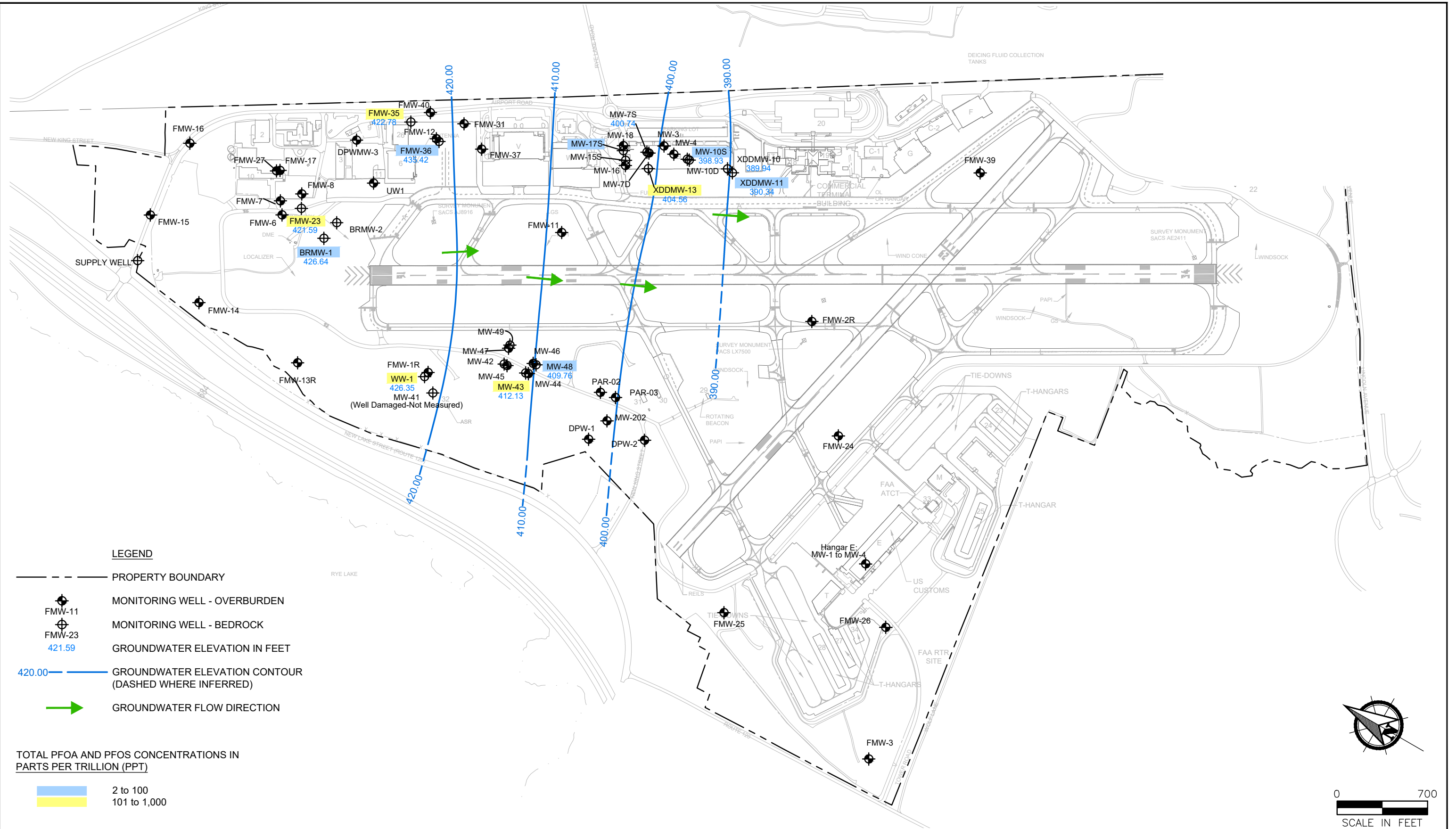
Drawn By:	RAC
Checked:	MKD
Approved:	JB
DWG Date:	06/30/21

Westchester County Airport
White Plains, New York

SHALLOW AQUIFER GROUNDWATER
CONTOUR MAP - APRIL 2021

FIGURE 5

O:\DWG\Westchester County Airport\2021\F6_BedrockGW2104.dwg, Layout1, 6/30/2021 8:42:31 AM, DWG To PDF, pc3



LEGEND

- PROPERTY BOUNDARY
- ⊕ FMW-11 MONITORING WELL - OVERBURDEN
- ⊕ FMW-23 MONITORING WELL - BEDROCK
- 421.59 GROUNDWATER ELEVATION IN FEET
- 420.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

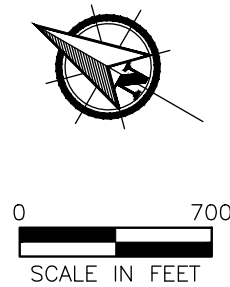
TOTAL PFOA AND PFOS CONCENTRATIONS IN PARTS PER TRILLION (PPT)

- 2 to 100
- 101 to 1,000

NOTE:
FMW-36 GROUNDWATER ELEVATION NOT USED TO GENERATE ELEVATION CONTOURS.

B SOURCE:
DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.

	WSP USA 500 Summit Lake Drive Suite 450 Valhalla, New York 10595 (914) 694-5711	Drawn By: RAC	<h2 style="margin: 0;">Westchester County Airport</h2> <h3 style="margin: 0;">White Plains, New York</h3>	<h3 style="margin: 0;">BEDROCK AQUIFER GROUNDWATER CONTOUR MAP - APRIL 2021</h3>
		Checked: MKD		
		Approved: JB		
		DWG Date: 06/30/21		FIGURE 6





APPENDIX



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/05/2021
Client Project ID: 31402218.000 01.00 Westchester County Airport
York Project (SDG) No.: 21D1194

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

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

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 April 27, 2021 and listed below. The project was identified as your project: **31402218.000 01.00 Westchester County Airport**.

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>
21D1194-01	PAR-3	Water	04/26/2021	04/27/2021
21D1194-02	DPW-2	Water	04/26/2021	04/27/2021
21D1194-03	FMW-25	Water	04/26/2021	04/27/2021
21D1194-04	FMW-3	Water	04/26/2021	04/27/2021
21D1194-05	FMW-26	Water	04/26/2021	04/27/2021
21D1194-06	FMW-13R	Water	04/26/2021	04/27/2021
21D1194-07	FMW-14	Water	04/26/2021	04/27/2021
21D1194-08	UW-1	Water	04/26/2021	04/27/2021
21D1194-09	FMW-15	Water	04/26/2021	04/27/2021
21D1194-10	FMW-8	Water	04/26/2021	04/27/2021
21D1194-11	FMW-16	Water	04/26/2021	04/27/2021
21D1194-12	Field Blank	Water	04/26/2021	04/27/2021
21D1194-13	Trip Blank	Water	04/26/2021	04/27/2021

General Notes for York Project (SDG) No.: 21D1194

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:



Benjamin Gulizia
Laboratory Director

Date: 05/05/2021





Sample Information

Client Sample ID: PAR-3

York Sample ID: 21D1194-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1194	31402218.000 01.00 Westchester County Airport	Water	April 26, 2021 9:20 am	04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	7.87		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	12.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	53.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	22.6		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	13.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.62		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	21.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	18.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	35.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:01	WL



Sample Information

Client Sample ID: PAR-3

York Sample ID: 21D1194-01

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 9:20 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	141 %								
	Surrogate: M5PFHxA	124 %								
	Surrogate: M4PFHpA	99.8 %								
	Surrogate: M3PFHxS	108 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	103 %								
	Surrogate: M6PFDA	93.7 %								
	Surrogate: M7PFUDA	89.2 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	95.2 %								
	Surrogate: M2PFTeDA	101 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	128 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	106 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	130 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	11.7 %								
	Surrogate: d3-N-MeFOSAA	59.1 %								
	Surrogate: d5-N-EtFOSAA	78.1 %								
	Surrogate: M2-6:2 FTS	77.8 %								
	Surrogate: M2-8:2 FTS	112 %								
	Surrogate: M9PFNA	99.4 %								

Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 9:40 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD



Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 9:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD



Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 9:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD



Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 9:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 14:17	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 14:17	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 14:17	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.1 %	79-122								



Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 9:40 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	6.54		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.19		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	52.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	13.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	54.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	28.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
375-95-1	* Perfluorononanoic acid (PFNA)	15.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	11.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	22.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	92.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:23	WL



Sample Information

Client Sample ID: DPW-2

York Sample ID: 21D1194-02

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 9:40 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	93.2 %								
	Surrogate: M5PFHxA	95.1 %								
	Surrogate: M4PFHpA	74.5 %								
	Surrogate: M3PFHxS	110 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %								
	Surrogate: M6PFDA	101 %								
	Surrogate: M7PFUDA	84.5 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	83.9 %								
	Surrogate: M2PFTeDA	78.7 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	56.5 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	112 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	69.9 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	11.7 %								
	Surrogate: d3-N-MeFOSAA	58.2 %								
	Surrogate: d5-N-EtFOSAA	65.3 %								
	Surrogate: M2-6:2 FTS	127 %								
	Surrogate: M2-8:2 FTS	122 %								
	Surrogate: M9PFNA	96.8 %								

Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 10:00 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:00 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:00 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:00 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:04	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:04	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:04	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.6 %	79-122								



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:00 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	5.29		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	4.14		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	8.36		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 20:46	WL

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21D1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:00 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	86.8 %			25-150					
	Surrogate: M5PFHxA	63.0 %			25-150					
	Surrogate: M4PFHpA	56.9 %			25-150					
	Surrogate: M3PFHxS	108 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %			25-150					
	Surrogate: M6PFDA	116 %			25-150					
	Surrogate: M7PFUdA	94.4 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	93.2 %			25-150					
	Surrogate: M2PFTeDA	71.4 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	21.6 %	PFSu-L		25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7.08 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	61.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	73.3 %			25-150					
	Surrogate: M2-6:2 FTS	169 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	164 %	PFSu-H		25-150					
	Surrogate: M9PFNA	108 %			25-150					

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/03/2021 11:47	CM
57-55-6	* Propylene Glycol	25.6		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/03/2021 11:47	CM
	Surrogate Recoveries	Result								
110-63-4	Surrogate: 1,4-Butanediol	92.4 %								
							Acceptance Range			
							30-130			



Sample Information

Client Sample ID: FMW-3

York Sample ID: 21D1194-04

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 10:20 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/29/2021 08:30	04/30/2021 16:47	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.45		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.79		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	11.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	3.90		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.09		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
375-95-1	* Perfluorononanoic acid (PFNA)	4.43		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	40.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL



Sample Information

Client Sample ID: FMW-3

York Sample ID: 21D1194-04

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 10:20 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	* Perfluorooctanoic acid (PFOA)	4.04		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	6.20		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:08	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		87.5 %	25-150							
Surrogate: M5PFHxA		57.2 %	25-150							
Surrogate: M4PFHpA		53.0 %	25-150							
Surrogate: M3PFHxS		129 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		105 %	25-150							
Surrogate: M6PFDA		162 %	PFSu-H	25-150						
Surrogate: M7PFUdA		153 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		138 %	25-150							
Surrogate: M2PFTeDA		106 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		17.4 %	PFSu-L	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		164 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		39.3 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		24.6 %	10-150							
Surrogate: d3-N-MeFOSAA		111 %	25-150							
Surrogate: d5-N-EtFOSAA		134 %	25-150							
Surrogate: M2-6:2 FTS		249 %	PFSu-H	25-150						
Surrogate: M2-8:2 FTS		195 %	PFSu-H	25-150						
Surrogate: M9PFNA		117 %	25-150							

Sample Information

Client Sample ID: FMW-26

York Sample ID: 21D1194-05

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 10:50 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------



Sample Information

Client Sample ID: FMW-26

York Sample ID: 21D1194-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 10:50 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	6.11		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	5.13		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 21:30	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS

124 %

25-150



Sample Information

Client Sample ID: FMW-26

York Sample ID: 21D1194-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1194	31402218.000 01.00 Westchester County Airport	Water	April 26, 2021 10:50 am	04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	104 %			25-150					
	Surrogate: M4PFHpA	82.4 %			25-150					
	Surrogate: M3PFHxS	91.9 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	88.8 %			25-150					
	Surrogate: M6PFDA	89.1 %			25-150					
	Surrogate: M7PFUdA	81.9 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	78.5 %			25-150					
	Surrogate: M2PFTeDA	81.6 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	118 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	99.4 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	119 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	21.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	60.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	76.9 %			25-150					
	Surrogate: M2-6:2 FTS	66.5 %			25-150					
	Surrogate: M2-8:2 FTS	99.2 %			25-150					
	Surrogate: M9PFNA	87.5 %			25-150					

Sample Information

Client Sample ID: FMW-13R

York Sample ID: 21D1194-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1194	31402218.000 01.00 Westchester County Airport	Water	April 26, 2021 11:15 am	04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	302		ng/L	50.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL



Sample Information

Client Sample ID: FMW-13R

York Sample ID: 21D1194-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 11:15 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	28.1		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	49.9		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	346		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	909		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	653		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	313		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
375-95-1	* Perfluorononanoic acid (PFNA)	74.4		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	820		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	187		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1130		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:15	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		123 %	25-150							
Surrogate: M5PFHxA		94.5 %	25-150							
Surrogate: M4PFHpA		85.3 %	25-150							
Surrogate: M3PFHxS		87.4 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PF OA)		95.7 %	25-150							
Surrogate: M6PFDA		82.4 %	25-150							



Sample Information

Client Sample ID: FMW-13R

York Sample ID: 21D1194-06

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 11:15 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	67.9 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	70.0 %			25-150					
	Surrogate: M2PFTeDA	63.4 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	129 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	76.1 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	108 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	17.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	84.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	61.9 %			25-150					
	Surrogate: M2-6:2 FTS	108 %			25-150					
	Surrogate: M2-8:2 FTS	69.2 %			25-150					
	Surrogate: M9PFNA	78.6 %			25-150					

Sample Information

Client Sample ID: FMW-14

York Sample ID: 21D1194-07

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 11:40 am	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD



Sample Information

Client Sample ID: FMW-14

York Sample ID: 21D1194-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 11:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
106-46-7	1,4-Dichlorobenzene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
71-43-2	Benzene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD



Sample Information

Client Sample ID: FMW-14

York Sample ID: 21D1194-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 11:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: FMW-14

York Sample ID: 21D1194-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 11:40 am

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:31	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:31	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:31	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL



Sample Information

Client Sample ID: FMW-14

York Sample ID: 21D1194-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 11:40 am

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	2.11		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	5.87		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	10.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	85.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	16.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	9.26		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
375-95-1	* Perfluorononanoic acid (PFNA)	14.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	48.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	66.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	20.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:37	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS

94.5 %

25-150

Surrogate: M5PFHxA

83.3 %

25-150

Surrogate: M4PFHpA

78.5 %

25-150



Sample Information

Client Sample ID: FMW-14					York Sample ID: 21D1194-07
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1194	31402218.000 01.00 Westchester County Airport	Water	April 26, 2021 11:40 am	04/27/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	106 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	88.6 %			25-150					
	Surrogate: M6PFDA	101 %			25-150					
	Surrogate: M7PFUdA	90.0 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	88.6 %			25-150					
	Surrogate: M2PFTeDA	74.7 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	39.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	112 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	74.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	17.7 %			10-150					
	Surrogate: d3-N-MeFOSAA	60.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	70.1 %			25-150					
	Surrogate: M2-6:2 FTS	106 %			25-150					
	Surrogate: M2-8:2 FTS	99.3 %			25-150					
	Surrogate: M9PFNA	95.4 %			25-150					

Sample Information

Client Sample ID: UW-1					York Sample ID: 21D1194-08
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1194	31402218.000 01.00 Westchester County Airport	Water	April 26, 2021 12:30 pm	04/27/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	50.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL



Sample Information

Client Sample ID: UW-1

York Sample ID: 21D1194-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 12:30 pm

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	86.0		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	158		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	64.2		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	20.4		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
375-95-1	* Perfluorononanoic acid (PFNA)	20.9		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	2030		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	101		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	52.8		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 22:59	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	126 %	25-150
Surrogate: M5PFHxA	107 %	25-150
Surrogate: M4PFHpA	105 %	25-150
Surrogate: M3PFHxS	94.3 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PF OA)	101 %	25-150
Surrogate: M6PFDA	84.2 %	25-150
Surrogate: M7PFUdA	65.5 %	25-150



Sample Information

Client Sample ID: UW-1

York Sample ID: 21D1194-08

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 12:30 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	65.8 %			25-150					
	Surrogate: M2PFTeDA	68.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	142 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	81.4 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	128 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	18.3 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	64.4 %			25-150					
	Surrogate: M2-6:2 FTS	82.9 %			25-150					
	Surrogate: M2-8:2 FTS	95.8 %			25-150					
	Surrogate: M9PFNA	97.9 %			25-150					

Sample Information

Client Sample ID: FMW-15

York Sample ID: 21D1194-09

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 1:25 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL



Sample Information

Client Sample ID: FMW-15

York Sample ID: 21D1194-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:25 pm

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	17.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	9.39		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	46.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	18.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	7.70		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
375-95-1	* Perfluorononanoic acid (PFNA)	40.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	22.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	14.6		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	20.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	20.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:22	WL
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: M3PFBS	126 %		25-150						
	Surrogate: M5PFHxA	106 %		25-150						
	Surrogate: M4PFHpA	93.0 %		25-150						
	Surrogate: M3PFHxS	104 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	91.7 %		25-150						
	Surrogate: M6PFDA	88.2 %		25-150						
	Surrogate: M7PFUDA	77.0 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	86.5 %		25-150						
	Surrogate: M2PFTeDA	74.9 %		10-150						



Sample Information

Client Sample ID: FMW-15

York Sample ID: 21D1194-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:25 pm

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include surrogate compounds like Perfluoro-n-[13C4]butanoic acid (MPFBA) with results ranging from 88.5% to 91.9%.

Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:00 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various volatile organics like 1,1,1,2-Tetrachloroethane with results mostly ND.



Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:00 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD



Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:00 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
156-59-2	cis-1,2-Dichloroethylene	0.60		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD



Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:00 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:57	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 12:57	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 12:57	PD

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	103 %	69-130
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	102 %	81-117
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	102 %	79-122

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	50.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL



Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:00 pm

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	43.6		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	48.9		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	93.6		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	584		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	158		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	65.3		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
375-95-1	* Perfluorononanoic acid (PFNA)	175		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	1770		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	254		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	176		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 12:36	05/03/2021 23:44	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	124 %	25-150
Surrogate: M5PFHxA	108 %	25-150
Surrogate: M4PFHpA	93.7 %	25-150
Surrogate: M3PFHxS	102 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.9 %	25-150
Surrogate: M6PFDA	83.5 %	25-150



Sample Information

Client Sample ID: FMW-8

York Sample ID: 21D1194-10

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 1:00 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2PFUdA	76.9 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	62.4 %			25-150					
	Surrogate: M2PFTeDA	68.7 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	143 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	84.3 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	15.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	73.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	72.3 %			25-150					
	Surrogate: M2-6:2 FTS	75.7 %			25-150					
	Surrogate: M2-8:2 FTS	85.5 %			25-150					
	Surrogate: M9PFNA	92.6 %			25-150					

Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 1:50 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD



Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:50 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD



Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:50 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD



Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:50 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 13:24	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:24	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 13:24	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.2 %			79-122						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/29/2021 08:30	04/30/2021 17:05	KH



Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:50 pm

04/27/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %			36.6-118					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	11.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	22.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	48.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	217		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 18:59	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	64.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	35.6		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
375-95-1	* Perfluorononanoic acid (PFNA)	15.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	248		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 18:59	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	59.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL



Sample Information

Client Sample ID: FMW-16

York Sample ID: 21D1194-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 1:50 pm

04/27/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	84.9		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:06	WL
Surrogate Recoveries		Result		Acceptance Range						
Surrogate: M3PFBS		90.1 %		25-150						
Surrogate: M5PFHxA		75.9 %		25-150						
Surrogate: M4PFHpA		70.8 %		25-150						
Surrogate: M3PFHxS		123 %		25-150						
Surrogate: M3PFHxS		94.8 %		25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFDA)		102 %		25-150						
Surrogate: M6PFDA		96.3 %		25-150						
Surrogate: M7PFUDA		72.9 %		25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (M12PFDoA)		73.6 %		25-150						
Surrogate: M2PFTeDA		65.8 %		10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (M4PFBA)		24.5 %	PFSu-L	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		94.2 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		128 %		25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		55.0 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		11.4 %		10-150						
Surrogate: d3-N-MeFOSAA		55.2 %		25-150						
Surrogate: d5-N-EtFOSAA		67.2 %		25-150						
Surrogate: M2-6:2 FTS		106 %		25-150						
Surrogate: M2-8:2 FTS		84.7 %		25-150						
Surrogate: M9PFNA		78.3 %		25-150						



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 2:20 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 2:20 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 2:20 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 13:50	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 13:50	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 13:50	PD

Surrogate Recoveries

Result

Acceptance Range

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

96.4 %

69-130



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 2:20 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/29/2021 08:30	04/30/2021 17:22	KH
	Surrogate Recoveries	Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	60.0 %			36.6-118					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.08	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 2:20 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.03	1	EPA 537m Certifications:	04/30/2021 12:36	05/04/2021 00:28	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	115 %	25-150
Surrogate: M5PFHxA	124 %	25-150
Surrogate: M4PFHpA	107 %	25-150
Surrogate: M3PFHxS	98.5 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	108 %	25-150
Surrogate: M6PFDA	113 %	25-150
Surrogate: M7PFUdA	104 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	97.9 %	25-150
Surrogate: M2PFTeDA	59.0 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	142 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	113 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	132 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.8 %	10-150
Surrogate: d3-N-MeFOSAA	66.9 %	25-150
Surrogate: d5-N-EtFOSAA	100 %	25-150
Surrogate: M2-6:2 FTS	67.7 %	25-150
Surrogate: M2-8:2 FTS	112 %	25-150
Surrogate: M9PFNA	114 %	25-150



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1194-12

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 2:20 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/03/2021 12:03	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/03/2021 12:03	CM
	Surrogate Recoveries	Result					Acceptance Range			
110-63-4	Surrogate: 1,4-Butanediol	77.3 %					30-130			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1194-13

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 3:00 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1194-13

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 3:00 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1194-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1194

31402218.000 01.00 Westchester County Airport

Water

April 26, 2021 3:00 pm

04/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1194-13

<u>York Project (SDG) No.</u> 21D1194	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 26, 2021 3:00 pm	<u>Date Received</u> 04/27/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 11:11	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2021 09:00	04/28/2021 11:11	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2021 09:00	04/28/2021 11:11	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %	79-122								



Analytical Batch Summary

Batch ID: BD11504 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1194-02	DPW-2	04/28/21
21D1194-03	FMW-25	04/28/21
21D1194-07	FMW-14	04/28/21
21D1194-10	FMW-8	04/28/21
21D1194-11	FMW-16	04/28/21
21D1194-12	Field Blank	04/28/21
21D1194-13	Trip Blank	04/28/21
BD11504-BLK1	Blank	04/28/21
BD11504-BS1	LCS	04/28/21
BD11504-BSD1	LCS Dup	04/28/21

Batch ID: BD11577 **Preparation Method:** EPA 3535A **Prepared By:** RTH

YORK Sample ID	Client Sample ID	Preparation Date
21D1194-04	FMW-3	04/29/21
21D1194-11	FMW-16	04/29/21
21D1194-12	Field Blank	04/29/21
BD11577-BLK1	Blank	04/29/21
BD11577-BS1	LCS	04/29/21
BD11577-MS1	Matrix Spike	04/29/21
BD11577-MSD1	Matrix Spike Dup	04/29/21

Batch ID: BD11691 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WL

YORK Sample ID	Client Sample ID	Preparation Date
21D1194-01	PAR-3	04/30/21
21D1194-02	DPW-2	04/30/21
21D1194-03	FMW-25	04/30/21
21D1194-04	FMW-3	04/30/21
21D1194-05	FMW-26	04/30/21
21D1194-06	FMW-13R	04/30/21
21D1194-07	FMW-14	04/30/21
21D1194-08	UW-1	04/30/21
21D1194-09	FMW-15	04/30/21
21D1194-10	FMW-8	04/30/21
21D1194-11	FMW-16	04/30/21
21D1194-11RE1	FMW-16	04/30/21
21D1194-12	Field Blank	04/30/21
BD11691-BLK1	Blank	04/30/21
BD11691-BS1	LCS	04/30/21
BD11691-BSD1	LCS Dup	04/30/21

Batch ID: BE10004 **Preparation Method:** Preparation for GC Analysis **Prepared By:** CM



YORK Sample ID	Client Sample ID	Preparation Date
21D1194-03	FMW-25	05/03/21
21D1194-12	Field Blank	05/03/21
BE10004-BLK1	Blank	05/03/21
BE10004-BS1	LCS	05/03/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11504 - EPA 5030B

Blank (BD11504-BLK1)

Prepared & Analyzed: 04/28/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11504 - EPA 5030B

Blank (BD11504-BLK1)

Prepared & Analyzed: 04/28/2021

Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.98		"	10.0		99.8		69-130			
Surrogate: SURRE: Toluene-d8	10.2		"	10.0		102		81-117			
Surrogate: SURRE: p-Bromofluorobenzene	10.3		"	10.0		103		79-122			

LCS (BD11504-BS1)

Prepared & Analyzed: 04/28/2021

1,1,1,2-Tetrachloroethane	8.7		ug/L	10.0		87.4		82-126			
1,1,1-Trichloroethane	9.2		"	10.0		91.6		78-136			
1,1,2,2-Tetrachloroethane	9.1		"	10.0		90.7		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0		93.8		54-165			
1,1,2-Trichloroethane	8.7		"	10.0		86.8		82-123			
1,1-Dichloroethane	8.7		"	10.0		87.3		82-129			
1,1-Dichloroethylene	9.2		"	10.0		92.3		68-138			
1,2,3-Trichlorobenzene	7.9		"	10.0		79.4		40-130			
1,2,3-Trichloropropane	8.4		"	10.0		84.1		77-128			
1,2,4-Trichlorobenzene	8.9		"	10.0		89.2		65-137			
1,2,4-Trimethylbenzene	9.6		"	10.0		96.1		82-132			
1,2-Dibromo-3-chloropropane	6.7		"	10.0		67.2		45-147			
1,2-Dibromoethane	8.4		"	10.0		84.5		83-124			
1,2-Dichlorobenzene	9.4		"	10.0		93.9		79-123			
1,2-Dichloroethane	8.9		"	10.0		89.0		73-132			
1,2-Dichloropropane	8.8		"	10.0		87.8		78-126			
1,3,5-Trimethylbenzene	9.7		"	10.0		97.4		80-131			
1,3-Dichlorobenzene	9.4		"	10.0		94.2		86-130			
1,4-Dichlorobenzene	9.4		"	10.0		94.0		85-130			
1,4-Dioxane	240		"	210		116		10-349			
2-Butanone	8.0		"	10.0		80.3		49-152			
2-Hexanone	6.6		"	10.0		66.3		51-146			
4-Methyl-2-pentanone	6.6		"	10.0		65.6		57-145			
Acetone	4.6		"	10.0		45.8		14-150			
Acrolein	10		"	10.0		104		10-153			
Acrylonitrile	7.6		"	10.0		75.5		51-150			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BD11504 - EPA 5030B										
LCS (BD11504-BS1)										
Prepared & Analyzed: 04/28/2021										
Benzene	9.2		ug/L	10.0		91.7	85-126			
Bromochloromethane	8.7		"	10.0		86.7	77-128			
Bromodichloromethane	8.7		"	10.0		86.6	79-128			
Bromoform	7.5		"	10.0		75.0	78-133	Low Bias		
Bromomethane	10		"	10.0		103	43-168			
Carbon disulfide	8.8		"	10.0		87.6	68-146			
Carbon tetrachloride	8.8		"	10.0		88.2	77-141			
Chlorobenzene	9.2		"	10.0		92.5	88-120			
Chloroethane	10		"	10.0		103	65-136			
Chloroform	9.0		"	10.0		89.9	82-128			
Chloromethane	7.8		"	10.0		78.1	43-155			
cis-1,2-Dichloroethylene	9.2		"	10.0		91.5	83-129			
cis-1,3-Dichloropropylene	8.6		"	10.0		85.5	80-131			
Cyclohexane	9.2		"	10.0		92.1	63-149			
Dibromochloromethane	8.2		"	10.0		82.0	80-130			
Dibromomethane	8.5		"	10.0		84.7	72-134			
Dichlorodifluoromethane	7.5		"	10.0		74.8	44-144			
Ethyl Benzene	9.5		"	10.0		94.8	80-131			
Hexachlorobutadiene	8.4		"	10.0		83.7	67-146			
Isopropylbenzene	9.4		"	10.0		94.4	76-140			
Methyl acetate	8.9		"	10.0		89.0	51-139			
Methyl tert-butyl ether (MTBE)	8.6		"	10.0		85.7	76-135			
Methylcyclohexane	9.2		"	10.0		92.2	72-143			
Methylene chloride	8.2		"	10.0		81.5	55-137			
n-Butylbenzene	9.8		"	10.0		97.9	79-132			
n-Propylbenzene	9.7		"	10.0		96.7	78-133			
o-Xylene	9.2		"	10.0		91.6	78-130			
p- & m- Xylenes	19		"	20.0		95.2	77-133			
p-Isopropyltoluene	9.7		"	10.0		97.3	81-136			
sec-Butylbenzene	10		"	10.0		101	79-137			
Styrene	9.1		"	10.0		91.4	67-132			
tert-Butyl alcohol (TBA)	45		"	50.0		90.4	25-162			
tert-Butylbenzene	9.0		"	10.0		90.1	77-138			
Tetrachloroethylene	6.3		"	10.0		63.3	82-131	Low Bias		
Toluene	9.6		"	10.0		95.7	80-127			
trans-1,2-Dichloroethylene	9.4		"	10.0		94.5	80-132			
trans-1,3-Dichloropropylene	8.0		"	10.0		80.4	78-131			
trans-1,4-dichloro-2-butene	7.8		"	10.0		78.4	63-141			
Trichloroethylene	9.2		"	10.0		92.1	82-128			
Trichlorofluoromethane	9.2		"	10.0		92.4	67-139			
Vinyl Chloride	9.1		"	10.0		90.8	58-145			
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>69-130</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>79-122</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BD11504 - EPA 5030B										
LCS Dup (BD11504-BSD1)										
Prepared & Analyzed: 04/28/2021										
1,1,1,2-Tetrachloroethane	8.7		ug/L	10.0	86.7	82-126			0.804	30
1,1,1-Trichloroethane	8.7		"	10.0	86.8	78-136			5.38	30
1,1,2,2-Tetrachloroethane	9.4		"	10.0	94.0	76-129			3.57	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.0		"	10.0	89.9	54-165			4.25	30
1,1,2-Trichloroethane	8.9		"	10.0	89.2	82-123			2.73	30
1,1-Dichloroethane	8.5		"	10.0	85.4	82-129			2.20	30
1,1-Dichloroethylene	8.7		"	10.0	87.4	68-138			5.45	30
1,2,3-Trichlorobenzene	8.6		"	10.0	85.8	40-130			7.75	30
1,2,3-Trichloropropane	9.0		"	10.0	89.9	77-128			6.67	30
1,2,4-Trichlorobenzene	9.3		"	10.0	92.6	65-137			3.74	30
1,2,4-Trimethylbenzene	9.4		"	10.0	94.2	82-132			2.00	30
1,2-Dibromo-3-chloropropane	7.6		"	10.0	75.7	45-147			11.9	30
1,2-Dibromoethane	8.8		"	10.0	88.2	83-124			4.28	30
1,2-Dichlorobenzene	9.4		"	10.0	94.1	79-123			0.213	30
1,2-Dichloroethane	9.2		"	10.0	91.5	73-132			2.77	30
1,2-Dichloropropane	8.7		"	10.0	86.6	78-126			1.38	30
1,3,5-Trimethylbenzene	9.4		"	10.0	94.3	80-131			3.23	30
1,3-Dichlorobenzene	9.3		"	10.0	92.8	86-130			1.50	30
1,4-Dichlorobenzene	9.4		"	10.0	93.7	85-130			0.320	30
1,4-Dioxane	270		"	210	127	10-349			9.47	30
2-Butanone	8.3		"	10.0	83.0	49-152			3.31	30
2-Hexanone	6.9		"	10.0	69.2	51-146			4.28	30
4-Methyl-2-pentanone	7.1		"	10.0	70.9	57-145			7.77	30
Acetone	4.9		"	10.0	49.1	14-150			6.95	30
Acrolein	11		"	10.0	111	10-153			6.49	30
Acrylonitrile	9.1		"	10.0	91.1	51-150			18.7	30
Benzene	9.0		"	10.0	89.9	85-126			1.98	30
Bromochloromethane	9.0		"	10.0	89.9	77-128			3.62	30
Bromodichloromethane	8.8		"	10.0	87.6	79-128			1.15	30
Bromoform	7.8		"	10.0	78.2	78-133			4.18	30
Bromomethane	10		"	10.0	104	43-168			0.963	30
Carbon disulfide	8.2		"	10.0	82.4	68-146			6.12	30
Carbon tetrachloride	8.4		"	10.0	84.1	77-141			4.76	30
Chlorobenzene	9.1		"	10.0	90.9	88-120			1.74	30
Chloroethane	9.8		"	10.0	97.8	65-136			4.99	30
Chloroform	8.8		"	10.0	88.5	82-128			1.57	30
Chloromethane	7.3		"	10.0	73.2	43-155			6.48	30
cis-1,2-Dichloroethylene	8.9		"	10.0	89.1	83-129			2.66	30
cis-1,3-Dichloropropylene	8.6		"	10.0	85.5	80-131			0.00	30
Cyclohexane	8.8		"	10.0	87.8	63-149			4.78	30
Dibromochloromethane	8.3		"	10.0	83.3	80-130			1.57	30
Dibromomethane	8.8		"	10.0	87.5	72-134			3.25	30
Dichlorodifluoromethane	7.0		"	10.0	69.9	44-144			6.77	30
Ethyl Benzene	9.2		"	10.0	91.5	80-131			3.54	30
Hexachlorobutadiene	8.8		"	10.0	87.9	67-146			4.90	30
Isopropylbenzene	9.0		"	10.0	90.5	76-140			4.22	30
Methyl acetate	9.7		"	10.0	96.7	51-139			8.29	30
Methyl tert-butyl ether (MTBE)	9.2		"	10.0	92.1	76-135			7.20	30
Methylcyclohexane	8.9		"	10.0	88.9	72-143			3.64	30
Methylene chloride	8.3		"	10.0	82.8	55-137			1.58	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11504 - EPA 5030B											
LCS Dup (BD11504-BSD1)											
Prepared & Analyzed: 04/28/2021											
n-Butylbenzene	9.7		ug/L	10.0		97.3	79-132		0.615	30	
n-Propylbenzene	9.2		"	10.0		92.5	78-133		4.44	30	
o-Xylene	9.0		"	10.0		90.2	78-130		1.54	30	
p- & m- Xylenes	18		"	20.0		92.0	77-133		3.53	30	
p-Isopropyltoluene	9.6		"	10.0		95.7	81-136		1.66	30	
sec-Butylbenzene	9.8		"	10.0		98.4	79-137		2.90	30	
Styrene	9.0		"	10.0		90.0	67-132		1.54	30	
tert-Butyl alcohol (TBA)	50		"	50.0		100	25-162		10.0	30	
tert-Butylbenzene	8.8		"	10.0		88.0	77-138		2.36	30	
Tetrachloroethylene	6.0		"	10.0		60.4	82-131	Low Bias	4.69	30	
Toluene	9.2		"	10.0		91.7	80-127		4.27	30	
trans-1,2-Dichloroethylene	9.2		"	10.0		91.9	80-132		2.79	30	
trans-1,3-Dichloropropylene	8.3		"	10.0		82.7	78-131		2.82	30	
trans-1,4-dichloro-2-butene	8.1		"	10.0		80.6	63-141		2.77	30	
Trichloroethylene	8.9		"	10.0		88.7	82-128		3.76	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		4.99	30	
Vinyl Chloride	8.5		"	10.0		85.3	58-145		6.25	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>79-122</i>				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11577 - EPA 3535A											
Blank (BD11577-BLK1)											
										Prepared: 04/29/2021 Analyzed: 04/30/2021	
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	2.56		"	4.00		64.0	36.6-118				
LCS (BD11577-BS1)											
										Prepared: 04/29/2021 Analyzed: 04/30/2021	
1,4-Dioxane	4.58	0.300	ug/L	4.00		114	50-130				
Surrogate: 1,4-Dioxane-d8	2.24		"	4.00		56.0	36.6-118				
Matrix Spike (BD11577-MS1)											
*Source sample: 21D1189-01 (Matrix Spike)										Prepared: 04/29/2021 Analyzed: 04/30/2021	
1,4-Dioxane	4.86	0.300	ug/L	4.00	0.224	116	50-130				
Surrogate: 1,4-Dioxane-d8	2.24		"	4.00		56.0	50-130				
Matrix Spike Dup (BD11577-MSD1)											
*Source sample: 21D1189-01 (Matrix Spike Dup)										Prepared: 04/29/2021 Analyzed: 04/30/2021	
1,4-Dioxane	4.90	0.300	ug/L	4.00	0.224	117	50-130		0.656	30	
Surrogate: 1,4-Dioxane-d8	2.88		"	4.00		72.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11691 - SPE Ext-PFAS-EPA 537.1M

Blank (BD11691-BLK1)

Prepared: 04/30/2021 Analyzed: 05/03/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	77.3		"	74.3		104	25-150				
Surrogate: M5PFHxA	80.3		"	80.0		100	25-150				
Surrogate: M4PFHpA	85.5		"	80.0		107	25-150				
Surrogate: M3PFHxS	74.4		"	75.7		98.3	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.5		"	80.0		101	25-150				
Surrogate: M6PFDA	74.9		"	80.0		93.6	25-150				
Surrogate: M7PFUdA	76.3		"	80.0		95.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	77.7		"	80.0		97.1	25-150				
Surrogate: M2PFTeDA	45.3		"	80.0		56.6	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	89.1		"	80.0		111	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	77.5		"	76.6		101	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.3		"	80.0		109	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.5		"	80.0		29.3	10-150				
Surrogate: d3-N-MeFOSAA	51.3		"	80.0		64.1	25-150				
Surrogate: d5-N-EtFOSAA	61.7		"	80.0		77.1	25-150				
Surrogate: M2-6:2 FTS	64.7		"	75.9		85.2	25-150				
Surrogate: M2-8:2 FTS	66.7		"	76.6		87.0	25-150				
Surrogate: M9PFNA	79.5		"	80.0		99.4	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11691 - SPE Ext-PFAS-EPA 537.1M

LCS (BD11691-BS1)

Prepared: 04/30/2021 Analyzed: 05/03/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.0	2.00	ng/L	76.8		108	50-130			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	69.6	5.00	"	76.0		91.5	50-130			
N-EtFOSAA	74.0	2.00	"	80.0		92.5	50-130			
N-MeFOSAA	74.6	2.00	"	80.0		93.2	50-130			
Perfluoro-1-decanesulfonic acid (PFDS)	68.9	2.00	"	77.2		89.3	50-130			
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.2	2.00	"	76.0		96.3	50-130			
Perfluoro-1-octanesulfonamide (FOSA)	76.3	2.00	"	80.0		95.4	50-130			
Perfluorobutanesulfonic acid (PFBS)	68.7	2.00	"	70.8		97.1	50-130			
Perfluorodecanoic acid (PFDA)	72.6	2.00	"	80.0		90.7	50-130			
Perfluorododecanoic acid (PFDoA)	71.8	2.00	"	80.0		89.7	50-130			
Perfluoroheptanoic acid (PFHpA)	72.6	2.00	"	80.0		90.7	50-130			
Perfluorohexanesulfonic acid (PFHxS)	69.8	2.00	"	73.0		95.6	50-130			
Perfluorohexanoic acid (PFHxA)	76.2	2.00	"	80.0		95.3	50-130			
Perfluoro-n-butanoic acid (PFBA)	77.6	2.00	"	80.0		97.0	50-130			
Perfluorononanoic acid (PFNA)	70.9	2.00	"	80.0		88.6	50-130			
Perfluorooctanesulfonic acid (PFOS)	68.4	2.00	"	74.1		92.3	50-130			
Perfluorooctanoic acid (PFOA)	86.3	2.00	"	80.0		108	50-130			
Perfluoropentanoic acid (PFPeA)	74.1	2.00	"	80.0		92.6	50-130			
Perfluorotetradecanoic acid (PFTA)	73.1	2.00	"	80.0		91.4	50-130			
Perfluorotridecanoic acid (PFTTrDA)	66.1	2.00	"	80.0		82.7	50-130			
Perfluoroundecanoic acid (PFUnA)	75.1	2.00	"	80.0		93.9	50-130			
Surrogate: M3PFBS	80.4		"	74.3		108	25-150			
Surrogate: M5PFHxA	82.7		"	80.0		103	25-150			
Surrogate: M4PFHpA	85.7		"	80.0		107	25-150			
Surrogate: M3PFHxS	79.3		"	75.7		105	25-150			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	73.9		"	80.0		92.3	25-150			
Surrogate: M6PFDA	78.0		"	80.0		97.5	25-150			
Surrogate: M7PFUdA	76.1		"	80.0		95.2	25-150			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	78.3		"	80.0		97.8	25-150			
Surrogate: M2PFTeDA	49.2		"	80.0		61.5	10-150			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.3		"	80.0		114	25-150			
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	76.5		"	76.6		100	25-150			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	90.6		"	80.0		113	25-150			
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	33.9		"	80.0		42.4	10-150			
Surrogate: d3-N-MeFOSAA	60.9		"	80.0		76.1	25-150			
Surrogate: d5-N-EtFOSAA	66.3		"	80.0		82.9	25-150			
Surrogate: M2-6:2 FTS	68.2		"	75.9		89.8	25-150			
Surrogate: M2-8:2 FTS	79.6		"	76.6		104	25-150			
Surrogate: M9PFNA	79.1		"	80.0		98.9	25-150			



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					%REC	RPD
Batch BD11691 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BD11691-BSD1)											
Prepared: 04/30/2021 Analyzed: 05/03/2021											
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	84.4	2.00	ng/L	76.8		110	50-130			1.65	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	66.6	5.00	"	76.0		87.7	50-130			4.27	30
N-EtFOSAA	73.0	2.00	"	80.0		91.2	50-130			1.42	30
N-MeFOSAA	68.8	2.00	"	80.0		85.9	50-130			8.09	30
Perfluoro-1-decanesulfonic acid (PFDS)	69.3	2.00	"	77.2		89.8	50-130			0.568	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.3	2.00	"	76.0		96.4	50-130			0.124	30
Perfluoro-1-octanesulfonamide (FOSA)	80.2	2.00	"	80.0		100	50-130			4.91	30
Perfluorobutanesulfonic acid (PFBS)	67.4	2.00	"	70.8		95.1	50-130			2.01	30
Perfluorodecanoic acid (PFDA)	74.8	2.00	"	80.0		93.5	50-130			2.97	30
Perfluorododecanoic acid (PFDoA)	71.6	2.00	"	80.0		89.5	50-130			0.305	30
Perfluoroheptanoic acid (PFHpA)	70.1	2.00	"	80.0		87.6	50-130			3.51	30
Perfluorohexanesulfonic acid (PFHxS)	70.7	2.00	"	73.0		96.9	50-130			1.35	30
Perfluorohexanoic acid (PFHxA)	80.6	2.00	"	80.0		101	50-130			5.55	30
Perfluoro-n-butanoic acid (PFBA)	77.2	2.00	"	80.0		96.4	50-130			0.580	30
Perfluorononanoic acid (PFNA)	68.4	2.00	"	80.0		85.6	50-130			3.50	30
Perfluorooctanesulfonic acid (PFOS)	66.8	2.00	"	74.1		90.2	50-130			2.34	30
Perfluorooctanoic acid (PFOA)	76.9	2.00	"	80.0		96.2	50-130			11.5	30
Perfluoropentanoic acid (PFPeA)	74.5	2.00	"	80.0		93.1	50-130			0.537	30
Perfluorotetradecanoic acid (PFTA)	73.9	2.00	"	80.0		92.4	50-130			1.09	30
Perfluorotridecanoic acid (PFTTrDA)	67.4	2.00	"	80.0		84.3	50-130			1.95	30
Perfluoroundecanoic acid (PFUnA)	72.1	2.00	"	80.0		90.1	50-130			4.14	30
Surrogate: M3PFBS	83.5		"	74.3		112	25-150				
Surrogate: M5PFHxA	84.0		"	80.0		105	25-150				
Surrogate: M4PFHpA	91.0		"	80.0		114	25-150				
Surrogate: M3PFHxS	80.5		"	75.7		106	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	84.3		"	80.0		105	25-150				
Surrogate: M6PFDA	82.2		"	80.0		103	25-150				
Surrogate: M7PFUdA	81.6		"	80.0		102	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	87.9		"	80.0		110	25-150				
Surrogate: M2PFTeDA	67.2		"	80.0		84.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.8		"	80.0		116	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	79.9		"	76.6		104	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	91.5		"	80.0		114	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	43.9		"	80.0		54.8	10-150				
Surrogate: d3-N-MeFOSAA	68.1		"	80.0		85.1	25-150				
Surrogate: d5-N-EtFOSAA	70.5		"	80.0		88.2	25-150				
Surrogate: M2-6:2 FTS	73.6		"	75.9		96.9	25-150				
Surrogate: M2-8:2 FTS	95.0		"	76.6		124	25-150				
Surrogate: M9PFNA	84.7		"	80.0		106	25-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE10004 - Preparation for GC Analysis

Blank (BE10004-BLK1)

Prepared & Analyzed: 05/03/2021

Ethylene Glycol	ND	10.0	mg/L										
Propylene Glycol	ND	10.0	"										
<i>Surrogate: 1,4-Butanediol</i>	83.9		"	100		83.9		30-130					

LCS (BE10004-BS1)

Prepared & Analyzed: 05/03/2021

Ethylene Glycol	46.3	10.0	mg/L	50.0		92.6		60-140					
Propylene Glycol	49.6	10.0	"	50.0		99.1		60-140					
<i>Surrogate: 1,4-Butanediol</i>	58.9		"	50.0		118		30-130					



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21D1194-02	DPW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-03	FMW-25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-07	FMW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-10	FMW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-11	FMW-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-12	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1194-13	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.

21D1194

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company WSPWA	Company	Address 500 5th Ave, 14th Fl	Address	Company	Company	31402218000010	RUSH - Next Day	RUSH - Next Day	
Address V. Ingalls NY	Address	Phone 714 461 2961	Phone	Address Same	Address		RUSH - Two Day	RUSH - Two Day	
Contact John Benigno	Contact	E-mail	E-mail	Phone Same	Phone		RUSH - Three Day	RUSH - Three Day	
E-mail John.Benigno@wspwa.com	E-mail			Contact Same	Contact		RUSH - Four Day	RUSH - Four Day	
				E-mail	E-mail		Standard (5-7 Day)	Standard (5-7 Day)	

YOUR Project Name
Westchester County Airport (WCA)

YOUR PO#:

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp
S - soil / solid	New York	Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	Standard Excel EDD
DW - drinking water	Connecticut	NY ASPA Package	EQUS (Standard)
WW - wastewater	Pennsylvania	NY ASP B Package	NYSDEC EQUS
O - Oil ; Other	Other		NJDEP Reduced Deliverables
			NJDEP SRP HazSite
			Other

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptive
PAR-3	4/26/21	0920	EPAS37	2 P 2411 10
DPW-2		0946	X	X
FMW-25		1000	X	X
FMW-3		1020	X	X
FMW-26		1050	X	X
FMW-13R		1115	X	X
FMW-14		1140	X	X
UW-1		1230	X	X
FMW-15		1325	X	X

Comments:

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

Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Field Filtered Lab to Filter
[Signature]	4/26/21 1500	Chic	4-27-21 830	4-27-21 1514
Received by / Company	Date/Time	Samples Received by / Company	Date/Time	
[Signature]				
Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Temp. Received at Lab
[Signature]				



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.

21D1194

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company WSP WFA	Address 500 Seymour Park Dr Valhalla, NY	Company Same	Address Same	Company Same	Address Same	31402218 000 0160		RUSH - Next Day	
Phone 914 461 3461	Contact John Benigno	Phone Same	Phone Same	Phone Same	Phone Same	YOUR Project Name Westchester County Airport (WCA)		RUSH - Two Day	
E-mail John.Benigno@wsp.com	E-mail	Contact Same	Contact Same	Contact Same	Contact Same	YOUR PO#:		RUSH - Three Day	
E-mail		E-mail		E-mail				RUSH - Four Day	
E-mail		E-mail		E-mail				Standard (5-7 Day)	

Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp	
S - soil / solid	GW - groundwater	New York	New Jersey	Summary Report	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)	
DW - drinking water	WW - wastewater	Connecticut	Pennsylvania	QA Report	EQUS (Standard)		
O - Oil ; Other		Other		NY ASP A Package	NYSDEC EQUS		
				NY ASP B Package	NJDEP Reduced Deliverables	NJDEP SRP HazSite	
					NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptive
FMW-8	4/26/21	1300	EPA 537 260 Full list 1,4 Dioxine (6) PCBs	2F 241) 10
FMW-16		1350	X	X
Field Blank		1420	X	X
Trip Blank			X	X

Comments:

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

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[Signature]	4/26/21 1530	Chic	4-27-21 1514
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[Signature]			
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[Signature]			

Temp. Received at Lab: 15.4
 Date: 4/27/2021 15:14



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/05/2021
Client Project ID: 31402218.00 01.00 Westchester County Airport
York Project (SDG) No.: 21D1268

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

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

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 April 28, 2021 and listed below. The project was identified as your project: **31402218.00 01.00 Westchester County Airport**.

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>
21D1268-01	WW-1	Water	04/27/2021	04/28/2021
21D1268-02	FMW-1R	Water	04/27/2021	04/28/2021
21D1268-03	MW-47	Water	04/27/2021	04/28/2021
21D1268-04	MW-48	Water	04/27/2021	04/28/2021
21D1268-05	MW-43	Water	04/27/2021	04/28/2021
21D1268-06	FMW-23	Water	04/27/2021	04/28/2021
21D1268-07	BRMW-1	Water	04/27/2021	04/28/2021
21D1268-08	FMW-6	Water	04/27/2021	04/28/2021
21D1268-09	FMW-7	Water	04/27/2021	04/28/2021
21D1268-10	Field Duplicate	Water	04/27/2021	04/28/2021
21D1268-11	Field Blank	Water	04/27/2021	04/28/2021

General Notes for York Project (SDG) No.: 21D1268

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:



Benjamin Gulizia
Laboratory Director

Date: 05/05/2021





Sample Information

Client Sample ID: WW-1

York Sample ID: 21D1268-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 11:00 am	04/28/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 16:42	KH
Surrogate Recoveries		Result					Acceptance Range			
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %					36.6-118			

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	30.3		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	63.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	47.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	28.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	408		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 19:22	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	68.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	23.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	633		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 19:22	WL



Sample Information

Client Sample ID: WW-1

York Sample ID: 21D1268-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 11:00 am

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	301		ng/L	20.0	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 19:22	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	120		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	58.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	4.05		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 01:35	WL
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: M3PFBS	106 %		25-150						
	Surrogate: M5PFHxA	89.5 %		25-150						
	Surrogate: M4PFHpA	89.2 %		25-150						
	Surrogate: M3PFHxS	102 %		25-150						
	Surrogate: M3PFHxS	85.9 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	89.9 %		25-150						
	Surrogate: M6PFDA	90.3 %		25-150						
	Surrogate: M7PFUdA	72.1 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	74.2 %		25-150						
	Surrogate: M2PFTeDA	52.0 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	51.9 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	96.4 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	62.3 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	81.9 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	10.2 %		10-150						
	Surrogate: d3-N-MeFOSAA	49.1 %		25-150						
	Surrogate: d5-N-EtFOSAA	64.2 %		25-150						
	Surrogate: M2-6:2 FTS	85.0 %		25-150						
	Surrogate: M2-8:2 FTS	81.0 %		25-150						
	Surrogate: M9PFNA	92.1 %		25-150						
	Surrogate: M9PFNA	53.3 %		25-150						



Sample Information

Client Sample ID: FMW-1R

York Sample ID: 21D1268-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 10:30 am

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	3.01		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	6.67		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	7.10		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	11.7		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	81.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	17.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	7.17		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
375-95-1	* Perfluorononanoic acid (PFNA)	129		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	166		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	25.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	10.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	2.84		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	36.4		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:20	WL

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: FMW-1R			York Sample ID: 21D1268-02
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 10:30 am
			<u>Date Received</u> 04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	99.4 %			25-150					
	Surrogate: M5PFHxA	90.5 %			25-150					
	Surrogate: M4PFHpA	88.2 %			25-150					
	Surrogate: M3PFHxS	107 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	97.3 %			25-150					
	Surrogate: M6PFDA	89.4 %			25-150					
	Surrogate: M7PFUdA	83.1 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	87.3 %			25-150					
	Surrogate: M2PFTeDA	78.6 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	42.4 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	88.3 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	78.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	9.04 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.2 %			25-150					
	Surrogate: d5-N-EtFOSAA	67.4 %			25-150					
	Surrogate: M2-6:2 FTS	86.6 %			25-150					
	Surrogate: M2-8:2 FTS	79.4 %			25-150					
	Surrogate: M9PFNA	82.7 %			25-150					

Sample Information

Client Sample ID: MW-47			York Sample ID: 21D1268-03
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 11:20 am
			<u>Date Received</u> 04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL



Sample Information

Client Sample ID: MW-47

York Sample ID: 21D1268-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 11:20 am

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	2.56		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	8.16		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	17.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	103		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	16.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	10.2		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
375-95-1	* Perfluorononanoic acid (PFNA)	14.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	45.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	30.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	13.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	2.18		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 02:42	WL
	Surrogate Recoveries	Result					Acceptance Range			
	Surrogate: M3PFBS	98.4 %					25-150			
	Surrogate: M5PFHxA	62.5 %					25-150			
	Surrogate: M4PFHpA	58.6 %					25-150			
	Surrogate: M3PFHxS	104 %					25-150			



Sample Information

Client Sample ID: MW-47					York Sample ID: 21D1268-03
York Project (SDG) No. 21D1268	Client Project ID 31402218.00 01.00 Westchester County Airport	Matrix Water	Collection Date/Time April 27, 2021 11:20 am	Date Received 04/28/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PF OA)	98.8 %			25-150					
	Surrogate: M6PFDA	127 %			25-150					
	Surrogate: M7PFUdA	110 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	101 %			25-150					
	Surrogate: M2PFTeDA	80.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	25.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	119 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	55.8 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	15.0 %			10-150					
	Surrogate: d3-N-MeFOSAA	73.2 %			25-150					
	Surrogate: d5-N-EtFOSAA	92.0 %			25-150					
	Surrogate: M2-6:2 FTS	184 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	92.6 %			25-150					
	Surrogate: M9PFNA	95.8 %			25-150					

Sample Information

Client Sample ID: MW-48					York Sample ID: 21D1268-04
York Project (SDG) No. 21D1268	Client Project ID 31402218.00 01.00 Westchester County Airport	Matrix Water	Collection Date/Time April 27, 2021 12:15 pm	Date Received 04/28/2021	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA



Sample Information

Client Sample ID: MW-48

York Sample ID: 21D1268-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 12:15 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
67-64-1	Acetone	1.3	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA



Sample Information

Client Sample ID: MW-48

York Sample ID: 21D1268-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 12:15 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 16:09	KHA



Sample Information

Client Sample ID: MW-48

York Sample ID: 21D1268-04

York Project (SDG) No. 21D1268 Client Project ID 31402218.00 01.00 Westchester County Airport Matrix Water Collection Date/Time April 27, 2021 12:15 pm Date Received 04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes surrogate recoveries for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: MW-48

York Sample ID: 21D1268-04

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 12:15 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	18.2		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	28.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	63.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	76.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	36.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
375-95-1	* Perfluorononanoic acid (PFNA)	9.56		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	14.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	23.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	102		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:04	WL



Sample Information

Client Sample ID: MW-48

York Sample ID: 21D1268-04

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 12:15 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	114 %								
	Surrogate: M5PFHxA	93.4 %								
	Surrogate: M4PFHpA	88.7 %								
	Surrogate: M3PFHxS	89.5 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	87.2 %								
	Surrogate: M6PFDA	78.8 %								
	Surrogate: M7PFUDA	66.0 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	73.1 %								
	Surrogate: M2PFTeDA	78.9 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	104 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	102 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	101 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	10.1 %								
	Surrogate: d3-N-MeFOSAA	56.3 %								
	Surrogate: d5-N-EtFOSAA	60.7 %								
	Surrogate: M2-6:2 FTS	60.2 %								
	Surrogate: M2-8:2 FTS	80.0 %								
	Surrogate: M9PFNA	91.0 %								

Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 1:05 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA



Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 1:05 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA



Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 1:05 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	5.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA



Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 1:05 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-65-0	tert-Butyl alcohol (TBA)	1.6		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 15:16	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:16	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 15:16	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	90.6 %	79-122								



Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 1:05 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	10.0	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	4.01		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	10.5		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	31.6		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	100		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	55.1		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	27.8		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
375-95-1	* Perfluorononanoic acid (PFNA)	33.0		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	122		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	47.8		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	67.7		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	4.00	2	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:27	WL



Sample Information

Client Sample ID: MW-43

York Sample ID: 21D1268-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 1:05 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: M3PFBS	139 %								
	Surrogate: M5PFHxA	109 %								
	Surrogate: M4PFHpA	99.1 %								
	Surrogate: M3PFHxS	107 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	93.3 %								
	Surrogate: M6PFDA	80.2 %								
	Surrogate: M7PFUDA	65.9 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	64.4 %								
	Surrogate: M2PFTeDA	55.1 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	118 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	102 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	121 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7.71 %	PFSu-L							
	Surrogate: d3-N-MeFOSAA	56.4 %								
	Surrogate: d5-N-EtFOSAA	60.0 %								
	Surrogate: M2-6:2 FTS	78.9 %								
	Surrogate: M2-8:2 FTS	79.2 %								
	Surrogate: M9PFNA	86.1 %								

Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 1:50 pm	04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA



Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 1:50 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA



Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 1:50 pm

04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
156-59-2	cis-1,2-Dichloroethylene	190		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 17:08	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA



Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 1:50 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
156-60-5	trans-1,2-Dichloroethylene	0.94		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 15:42	KHA
79-01-6	Trichloroethylene	0.99		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 15:42	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 15:42	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	105 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	91.4 %	79-122



Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 1:50 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	25.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	12.7		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	35.1		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	113		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	377		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	189		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	79.7		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
375-95-1	* Perfluorononanoic acid (PFNA)	85.1		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	477		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	112		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	326		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	10.0	5	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 03:49	WL



Sample Information

Client Sample ID: FMW-23

York Sample ID: 21D1268-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 1:50 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: M3PFBS	135 %		25-150						
	Surrogate: M5PFHxA	114 %		25-150						
	Surrogate: M4PFHpA	106 %		25-150						
	Surrogate: M3PFHxS	92.6 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.2 %		25-150						
	Surrogate: M6PFDA	75.4 %		25-150						
	Surrogate: M7PFUdA	62.1 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	55.4 %		25-150						
	Surrogate: M2PFTeDA	61.9 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	141 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	87.0 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	124 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	8.73 %	PFSu-L	10-150						
	Surrogate: d3-N-MeFOSAA	63.8 %		25-150						
	Surrogate: d5-N-EtFOSAA	56.1 %		25-150						
	Surrogate: M2-6:2 FTS	73.3 %		25-150						
	Surrogate: M2-8:2 FTS	66.1 %		25-150						
	Surrogate: M9PFNA	87.7 %		25-150						

Sample Information

Client Sample ID: BRMW-1

York Sample ID: 21D1268-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:10 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL



Sample Information

Client Sample ID: BRMW-1

York Sample ID: 21D1268-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 3:10 pm

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	7.44		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	9.64		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	42.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	18.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	11.1		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
375-95-1	* Perfluorononanoic acid (PFNA)	10.8		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	29.3		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	13.0		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	28.5		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:11	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS

117 %

25-150

Surrogate: M5PFHxA

97.8 %

25-150

Surrogate: M4PFHpA

89.7 %

25-150



Sample Information

Client Sample ID: BRMW-1					York Sample ID: 21D1268-07
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:10 pm	04/28/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	85.2 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	86.3 %			25-150					
	Surrogate: M6PFDA	81.9 %			25-150					
	Surrogate: M7PFUdA	75.3 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	77.0 %			25-150					
	Surrogate: M2PFTeDA	87.5 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	120 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	97.9 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	112 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	8.46 %			10-150					
	Surrogate: d3-N-MeFOSAA	53.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	64.5 %			25-150					
	Surrogate: M2-6:2 FTS	62.3 %			25-150					
	Surrogate: M2-8:2 FTS	86.2 %			25-150					
	Surrogate: M9PFNA	82.8 %			25-150					

Sample Information

Client Sample ID: FMW-6					York Sample ID: 21D1268-08
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:30 pm	04/28/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1540		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1310		ng/L	625	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL



Sample Information

Client Sample ID: FMW-6

York Sample ID: 21D1268-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 3:30 pm

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	349		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	361		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2600		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	6800		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	2640		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	1030		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
375-95-1	* Perfluorononanoic acid (PFNA)	1460		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	12800		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2620		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	2950		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	309		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	9860		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 04:34	WL
	Surrogate Recoveries	Result					Acceptance Range			
	Surrogate: M3PFBS	115 %					25-150			
	Surrogate: M5PFHxA	96.3 %					25-150			
	Surrogate: M4PFHpA	89.1 %					25-150			
	Surrogate: M3PFHxS	98.1 %					25-150			
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	88.5 %					25-150			
	Surrogate: M6PFDA	81.2 %					25-150			
	Surrogate: M7PFUdA	71.4 %					25-150			



Sample Information

Client Sample ID: FMW-6

York Sample ID: 21D1268-08

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 21D1268, 31402218.00 01.00 Westchester County Airport, Water, April 27, 2021 3:30 pm, 04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various surrogate PFAS compounds and their results.

Sample Information

Client Sample ID: FMW-7

York Sample ID: 21D1268-09

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 21D1268, 31402218.00 01.00 Westchester County Airport, Water, April 27, 2021 3:40 pm, 04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists target PFAS compounds and their results.



Sample Information

Client Sample ID: FMW-7

York Sample ID: 21D1268-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1268

31402218.00 01.00 Westchester County Airport

Water

April 27, 2021 3:40 pm

04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	334		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2440		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	478		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
375-95-1	* Perfluorononanoic acid (PFNA)	483		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	8330		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	336		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	847		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	699		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 05:40	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	106 %	25-150
Surrogate: M5PFHxA	95.2 %	25-150
Surrogate: M4PFHpA	99.3 %	25-150
Surrogate: M3PFHxS	89.1 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.8 %	25-150
Surrogate: M6PFDA	82.9 %	25-150
Surrogate: M7PFUdA	74.5 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.6 %	25-150
Surrogate: M2PFTeDA	86.0 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	115 %	25-150



Sample Information

Client Sample ID: FMW-7

York Sample ID: 21D1268-09

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:40 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	83.7 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	105 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	15.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	63.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	65.4 %			25-150					
	Surrogate: M2-6:2 FTS	63.9 %			25-150					
	Surrogate: M2-8:2 FTS	64.7 %			25-150					
	Surrogate: M9PFNA	82.2 %			25-150					

Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1268-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:00 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1330		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1050		ng/L	625	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	350		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	356		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1268-10

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 3:00 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	1950		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	7590		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	2440		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	943		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
375-95-1	* Perfluorononanoic acid (PFNA)	1170		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	9770		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2620		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	2610		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	265		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	9030		ng/L	250	10	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:25	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	113 %	25-150
Surrogate: M5PFHxA	95.6 %	25-150
Surrogate: M4PFHpA	114 %	25-150
Surrogate: M3PFHxS	86.6 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.0 %	25-150
Surrogate: M6PFDA	98.1 %	25-150
Surrogate: M7PFUdA	84.2 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	84.3 %	25-150
Surrogate: M2PFTeDA	103 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	115 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	86.7 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	112 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	37.1 %	10-150



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1268-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:00 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	94.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	110 %			25-150					
	Surrogate: M2-6:2 FTS	90.6 %			25-150					
	Surrogate: M2-8:2 FTS	124 %			25-150					
	Surrogate: M9PFNA	93.6 %			25-150					

Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:00 pm	04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 3:00 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
67-64-1	Acetone	1.1	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 3:00 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

York Project (SDG) No. 21D1268 **Client Project ID** 31402218.00 01.00 Westchester County Airport **Matrix** Water **Collection Date/Time** April 27, 2021 3:00 pm **Date Received** 04/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 14:49	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 06:47	05/03/2021 14:49	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 06:47	05/03/2021 14:49	KHA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	91.6 %			79-122						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 17:00	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %			36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

<u>York Project (SDG) No.</u> 21D1268	<u>Client Project ID</u> 31402218.00 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 27, 2021 3:00 pm	<u>Date Received</u> 04/28/2021
------------------------------------------	--------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	04/30/2021 16:43	05/04/2021 06:47	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	102 %	25-150
Surrogate: M5PFHxA	98.8 %	25-150
Surrogate: M4PFHpA	119 %	25-150
Surrogate: M3PFHxS	92.0 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PF OA)	101 %	25-150
Surrogate: M6PFDA	122 %	25-150



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1268-11

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1268	31402218.00 01.00 Westchester County Airport	Water	April 27, 2021 3:00 pm	04/28/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	120 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	138 %								
	Surrogate: M2PFTeDA	111 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	106 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	111 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	104 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	58.9 %								
	Surrogate: d3-N-MeFOSAA	93.8 %								
	Surrogate: d5-N-EtFOSAA	142 %								
	Surrogate: M2-6:2 FTS	83.0 %								
	Surrogate: M2-8:2 FTS	141 %								
	Surrogate: M9PFNA	112 %								



Analytical Batch Summary

Batch ID: BD11715 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21D1268-01	WW-1	04/30/21
21D1268-01RE1	WW-1	04/30/21
21D1268-02	FMW-1R	04/30/21
21D1268-03	MW-47	04/30/21
21D1268-04	MW-48	04/30/21
21D1268-05	MW-43	04/30/21
21D1268-06	FMW-23	04/30/21
21D1268-07	BRMW-1	04/30/21
21D1268-08	FMW-6	04/30/21
21D1268-09	FMW-7	04/30/21
21D1268-10	Field Duplicate	04/30/21
21D1268-11	Field Blank	04/30/21
BD11715-BLK1	Blank	04/30/21
BD11715-BS1	LCS	04/30/21
BD11715-MS1	Matrix Spike	04/30/21
BD11715-MSD1	Matrix Spike Dup	04/30/21

Batch ID: BE10036 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21D1268-04	MW-48	05/03/21
21D1268-05	MW-43	05/03/21
21D1268-06	FMW-23	05/03/21
21D1268-06RE1	FMW-23	05/03/21
21D1268-11	Field Blank	05/03/21
BE10036-BLK1	Blank	05/03/21
BE10036-BS1	LCS	05/03/21
BE10036-BSD1	LCS Dup	05/03/21

Batch ID: BE10084 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21D1268-01	WW-1	05/04/21
21D1268-11	Field Blank	05/04/21
BE10084-BLK1	Blank	05/04/21
BE10084-BS1	LCS	05/04/21
BE10084-MS1	Matrix Spike	05/04/21
BE10084-MSD1	Matrix Spike Dup	05/04/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE10036 - EPA 5030B

Blank (BE10036-BLK1)

Prepared & Analyzed: 05/03/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10036 - EPA 5030B

Blank (BE10036-BLK1)

Prepared & Analyzed: 05/03/2021

Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	11.3		"	10.0		113	69-130				
Surrogate: SURRE: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.29		"	10.0		92.9	79-122				

LCS (BE10036-BS1)

Prepared & Analyzed: 05/03/2021

1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		96.4	82-126				
1,1,1-Trichloroethane	8.9		"	10.0		88.7	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.6		"	10.0		86.4	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	9.9		"	10.0		99.1	82-129				
1,1-Dichloroethylene	9.9		"	10.0		99.3	68-138				
1,2,3-Trichlorobenzene	7.9		"	10.0		79.1	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		98.2	77-128				
1,2,4-Trichlorobenzene	8.6		"	10.0		86.2	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		99.9	82-132				
1,2-Dibromo-3-chloropropane	9.8		"	10.0		98.1	45-147				
1,2-Dibromoethane	10		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.3		"	10.0		93.4	79-123				
1,2-Dichloroethane	11		"	10.0		108	73-132				
1,2-Dichloropropane	11		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	9.9		"	10.0		99.1	80-131				
1,3-Dichlorobenzene	9.2		"	10.0		92.4	86-130				
1,4-Dichlorobenzene	9.3		"	10.0		93.2	85-130				
1,4-Dioxane	220		"	210		107	10-349				
2-Butanone	9.3		"	10.0		93.0	49-152				
2-Hexanone	12		"	10.0		120	51-146				
4-Methyl-2-pentanone	12		"	10.0		120	57-145				
Acetone	10		"	10.0		105	14-150				
Acrolein	9.4		"	10.0		93.7	10-153				
Acrylonitrile	11		"	10.0		111	51-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10036 - EPA 5030B

LCS (BE10036-BS1)

Prepared & Analyzed: 05/03/2021

Benzene	9.6		ug/L	10.0		95.6	85-126				
Bromochloromethane	12		"	10.0		120	77-128				
Bromodichloromethane	10		"	10.0		104	79-128				
Bromoform	9.4		"	10.0		93.9	78-133				
Bromomethane	8.6		"	10.0		85.7	43-168				
Carbon disulfide	9.4		"	10.0		94.5	68-146				
Carbon tetrachloride	8.6		"	10.0		86.1	77-141				
Chlorobenzene	9.8		"	10.0		98.1	88-120				
Chloroethane	9.9		"	10.0		99.2	65-136				
Chloroform	9.7		"	10.0		97.2	82-128				
Chloromethane	9.8		"	10.0		98.1	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		107	80-131				
Cyclohexane	7.5		"	10.0		75.0	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	11		"	10.0		107	72-134				
Dichlorodifluoromethane	8.6		"	10.0		86.0	44-144				
Ethyl Benzene	10		"	10.0		103	80-131				
Hexachlorobutadiene	10		"	10.0		105	67-146				
Isopropylbenzene	9.3		"	10.0		92.8	76-140				
Methyl acetate	11		"	10.0		108	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135				
Methylcyclohexane	9.3		"	10.0		92.7	72-143				
Methylene chloride	12		"	10.0		116	55-137				
n-Butylbenzene	11		"	10.0		111	79-132				
n-Propylbenzene	9.6		"	10.0		96.4	78-133				
o-Xylene	10		"	10.0		105	78-130				
p- & m- Xylenes	21		"	20.0		105	77-133				
p-Isopropyltoluene	9.9		"	10.0		99.1	81-136				
sec-Butylbenzene	10		"	10.0		102	79-137				
Styrene	11		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	45		"	50.0		89.9	25-162				
tert-Butylbenzene	7.9		"	10.0		79.1	77-138				
Tetrachloroethylene	8.5		"	10.0		84.9	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		110	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		105	63-141				
Trichloroethylene	9.5		"	10.0		95.0	82-128				
Trichlorofluoromethane	8.8		"	10.0		88.1	67-139				
Vinyl Chloride	9.8		"	10.0		98.4	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.78</i>		<i>"</i>	<i>10.0</i>		<i>97.8</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BE10036 - EPA 5030B										
LCS Dup (BE10036-BSD1)										
Prepared & Analyzed: 05/03/2021										
1,1,1,2-Tetrachloroethane	10		ug/L	10.0	100	82-126			4.07	30
1,1,1-Trichloroethane	8.9		"	10.0	88.8	78-136			0.113	30
1,1,2,2-Tetrachloroethane	10		"	10.0	104	76-129			1.84	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.7		"	10.0	86.7	54-165			0.347	30
1,1,2-Trichloroethane	11		"	10.0	111	82-123			8.04	30
1,1-Dichloroethane	10		"	10.0	100	82-129			1.00	30
1,1-Dichloroethylene	9.9		"	10.0	99.1	68-138			0.202	30
1,2,3-Trichlorobenzene	8.4		"	10.0	83.8	40-130			5.77	30
1,2,3-Trichloropropane	9.9		"	10.0	99.3	77-128			1.11	30
1,2,4-Trichlorobenzene	9.0		"	10.0	89.8	65-137			4.09	30
1,2,4-Trimethylbenzene	9.6		"	10.0	96.3	82-132			3.67	30
1,2-Dibromo-3-chloropropane	9.4		"	10.0	93.6	45-147			4.69	30
1,2-Dibromoethane	11		"	10.0	110	83-124			7.56	30
1,2-Dichlorobenzene	9.4		"	10.0	94.0	79-123			0.640	30
1,2-Dichloroethane	11		"	10.0	113	73-132			4.88	30
1,2-Dichloropropane	11		"	10.0	111	78-126			2.10	30
1,3,5-Trimethylbenzene	9.5		"	10.0	95.3	80-131			3.91	30
1,3-Dichlorobenzene	9.1		"	10.0	91.2	86-130			1.31	30
1,4-Dichlorobenzene	9.1		"	10.0	91.0	85-130			2.39	30
1,4-Dioxane	250		"	210	119	10-349			11.3	30
2-Butanone	10		"	10.0	103	49-152			10.4	30
2-Hexanone	14		"	10.0	135	51-146			11.7	30
4-Methyl-2-pentanone	13		"	10.0	131	57-145			9.11	30
Acetone	12		"	10.0	116	14-150			10.1	30
Acrolein	10		"	10.0	103	10-153			9.07	30
Acrylonitrile	12		"	10.0	123	51-150			10.1	30
Benzene	9.6		"	10.0	96.5	85-126			0.937	30
Bromochloromethane	12		"	10.0	124	77-128			3.27	30
Bromodichloromethane	11		"	10.0	107	79-128			2.64	30
Bromoform	10		"	10.0	103	78-133			9.15	30
Bromomethane	8.2		"	10.0	81.7	43-168			4.78	30
Carbon disulfide	9.4		"	10.0	93.8	68-146			0.743	30
Carbon tetrachloride	8.6		"	10.0	85.8	77-141			0.349	30
Chlorobenzene	9.9		"	10.0	99.1	88-120			1.01	30
Chloroethane	9.8		"	10.0	97.5	65-136			1.73	30
Chloroform	9.9		"	10.0	99.3	82-128			2.14	30
Chloromethane	9.5		"	10.0	95.4	43-155			2.79	30
cis-1,2-Dichloroethylene	11		"	10.0	106	83-129			0.855	30
cis-1,3-Dichloropropylene	11		"	10.0	110	80-131			2.95	30
Cyclohexane	7.6		"	10.0	76.3	63-149			1.72	30
Dibromochloromethane	11		"	10.0	108	80-130			4.16	30
Dibromomethane	11		"	10.0	111	72-134			4.13	30
Dichlorodifluoromethane	8.4		"	10.0	83.9	44-144			2.47	30
Ethyl Benzene	10		"	10.0	105	80-131			1.83	30
Hexachlorobutadiene	12		"	10.0	118	67-146			12.2	30
Isopropylbenzene	8.8		"	10.0	87.9	76-140			5.42	30
Methyl acetate	12		"	10.0	117	51-139			7.75	30
Methyl tert-butyl ether (MTBE)	11		"	10.0	111	76-135			7.66	30
Methylcyclohexane	9.5		"	10.0	94.7	72-143			2.13	30
Methylene chloride	12		"	10.0	117	55-137			1.63	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10036 - EPA 5030B											
LCS Dup (BE10036-BSD1)											
Prepared & Analyzed: 05/03/2021											
n-Butylbenzene	11		ug/L	10.0		109	79-132		2.00	30	
n-Propylbenzene	9.2		"	10.0		91.8	78-133		4.89	30	
o-Xylene	11		"	10.0		107	78-130		2.36	30	
p- & m- Xylenes	21		"	20.0		107	77-133		1.56	30	
p-Isopropyltoluene	9.6		"	10.0		95.6	81-136		3.60	30	
sec-Butylbenzene	9.9		"	10.0		98.9	79-137		3.38	30	
Styrene	11		"	10.0		109	67-132		2.60	30	
tert-Butyl alcohol (TBA)	52		"	50.0		103	25-162		13.7	30	
tert-Butylbenzene	7.6		"	10.0		75.8	77-138	Low Bias	4.26	30	
Tetrachloroethylene	8.5		"	10.0		85.4	82-131		0.587	30	
Toluene	10		"	10.0		101	80-127		1.40	30	
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132		0.662	30	
trans-1,3-Dichloropropylene	12		"	10.0		115	78-131		5.07	30	
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141		1.70	30	
Trichloroethylene	9.5		"	10.0		94.9	82-128		0.105	30	
Trichlorofluoromethane	8.7		"	10.0		86.7	67-139		1.60	30	
Vinyl Chloride	9.6		"	10.0		95.7	58-145		2.78	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.21</i>		<i>"</i>	<i>10.0</i>		<i>92.1</i>	<i>79-122</i>				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10084 - EPA 3535A											
Blank (BE10084-BLK1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	ND	0.300	ug/L								
<i>Surrogate: 1,4-Dioxane-d8</i>	3.36		"	4.00		84.0	36.6-118				
LCS (BE10084-BS1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	4.40	0.300	ug/L	4.00		110	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	36.6-118				
Matrix Spike (BE10084-MS1)											*Source sample: 21D1378-02 (Matrix Spike) Prepared & Analyzed: 05/04/2021
1,4-Dioxane	5.65	0.300	ug/L	4.00	1.14	113	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.72		"	4.00		68.0	50-130				
Matrix Spike Dup (BE10084-MSD1)											*Source sample: 21D1378-02 (Matrix Spike Dup) Prepared & Analyzed: 05/04/2021
1,4-Dioxane	5.60	0.300	ug/L	4.00	1.14	112	50-130		0.853	30	
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11715 - SPE Ext-PFAS-EPA 537.1M

Blank (BD11715-BLK1)

Prepared: 04/30/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	79.2		"	74.3		107	25-150				
Surrogate: M5PFHxA	84.0		"	80.0		105	25-150				
Surrogate: M4PFHpA	80.1		"	80.0		100	25-150				
Surrogate: M3PFHxS	67.3		"	75.7		89.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	78.9		"	80.0		98.7	25-150				
Surrogate: M6PFDA	83.6		"	80.0		105	25-150				
Surrogate: M7PFUdA	71.1		"	80.0		88.9	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.7		"	80.0		89.6	25-150				
Surrogate: M2PFTeDA	55.8		"	80.0		69.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	101		"	80.0		126	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	70.9		"	76.6		92.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	94.4		"	80.0		118	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	46.4		"	80.0		58.0	10-150				
Surrogate: d3-N-MeFOSAA	54.6		"	80.0		68.2	25-150				
Surrogate: d5-N-EtFOSAA	62.8		"	80.0		78.5	25-150				
Surrogate: M2-6:2 FTS	50.6		"	75.9		66.7	25-150				
Surrogate: M2-8:2 FTS	79.7		"	76.6		104	25-150				
Surrogate: M9PFNA	85.6		"	80.0		107	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11715 - SPE Ext-PFAS-EPA 537.1M

LCS (BD11715-BS1)

Prepared: 04/30/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	90.3	2.00	ng/L	76.8		118	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	75.6	5.00	"	76.0		99.5	50-130				
N-EtFOSAA	78.4	2.00	"	80.0		98.0	50-130				
N-MeFOSAA	77.1	2.00	"	80.0		96.4	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	78.5	2.00	"	77.2		102	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.7	2.00	"	76.0		106	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	86.5	2.00	"	80.0		108	50-130				
Perfluorobutanesulfonic acid (PFBS)	78.7	2.00	"	70.8		111	50-130				
Perfluorodecanoic acid (PFDA)	81.3	2.00	"	80.0		102	50-130				
Perfluorododecanoic acid (PFDoA)	85.0	2.00	"	80.0		106	50-130				
Perfluoroheptanoic acid (PFHpA)	89.1	2.00	"	80.0		111	50-130				
Perfluorohexanesulfonic acid (PFHxS)	80.1	2.00	"	73.0		110	50-130				
Perfluorohexanoic acid (PFHxA)	90.1	2.00	"	80.0		113	50-130				
Perfluoro-n-butanoic acid (PFBA)	89.3	2.00	"	80.0		112	50-130				
Perfluorononanoic acid (PFNA)	82.6	2.00	"	80.0		103	50-130				
Perfluorooctanesulfonic acid (PFOS)	75.1	2.00	"	74.1		101	50-130				
Perfluorooctanoic acid (PFOA)	89.6	2.00	"	80.0		112	50-130				
Perfluoropentanoic acid (PFPeA)	86.6	2.00	"	80.0		108	50-130				
Perfluorotetradecanoic acid (PFTA)	84.8	2.00	"	80.0		106	50-130				
Perfluorotridecanoic acid (PFTTrDA)	85.2	2.00	"	80.0		107	50-130				
Perfluoroundecanoic acid (PFUnA)	90.3	2.00	"	80.0		113	50-130				
Surrogate: M3PFBS	76.9		"	74.3		103	25-150				
Surrogate: M5PFHxA	81.4		"	80.0		102	25-150				
Surrogate: M4PFHpA	76.3		"	80.0		95.3	25-150				
Surrogate: M3PFHxS	67.4		"	75.7		89.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	72.9		"	80.0		91.2	25-150				
Surrogate: M6PFDA	71.8		"	80.0		89.8	25-150				
Surrogate: M7PFUdA	66.0		"	80.0		82.6	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	68.8		"	80.0		86.0	25-150				
Surrogate: M2PFTeDA	53.4		"	80.0		66.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.4		"	80.0		118	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	69.0		"	76.6		90.2	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.2		"	80.0		111	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	32.9		"	80.0		41.1	10-150				
Surrogate: d3-N-MeFOSAA	53.3		"	80.0		66.6	25-150				
Surrogate: d5-N-EtFOSAA	62.3		"	80.0		77.9	25-150				
Surrogate: M2-6:2 FTS	54.3		"	75.9		71.5	25-150				
Surrogate: M2-8:2 FTS	83.0		"	76.6		108	25-150				
Surrogate: M9PFNA	73.2		"	80.0		91.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11715 - SPE Ext-PFAS-EPA 537.1M

Matrix Spike (BD11715-MS1)	*Source sample: 21D1268-08 (FMW-6)						Prepared: 04/30/2021 Analyzed: 05/04/2021				
Surrogate: M3PFBS	1020		ng/L	929		110	25-150				
Surrogate: M5PFHxA	939		"	1000		93.9	25-150				
Surrogate: M4PFHpA	903		"	1000		90.3	25-150				
Surrogate: M3PFHxS	839		"	946		88.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	875		"	1000		87.5	25-150				
Surrogate: M6PFDA	781		"	1000		78.1	25-150				
Surrogate: M7PFUDA	672		"	1000		67.2	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	678		"	1000		67.8	25-150				
Surrogate: M2PFTeDA	790		"	1000		79.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	1200		"	1000		120	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	819		"	957		85.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	1100		"	1000		110	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	528		"	1000		52.8	10-150				
Surrogate: d3-N-MeFOSAA	707		"	1000		70.7	25-150				
Surrogate: d5-N-EtFOSAA	607		"	1000		60.7	25-150				
Surrogate: M2-6:2 FTS	722		"	949		76.1	25-150				
Surrogate: M2-8:2 FTS	855		"	958		89.2	25-150				
Surrogate: M9PFNA	850		"	1000		85.0	25-150				

Matrix Spike Dup (BD11715-MSD1)	*Source sample: 21D1268-08 (FMW-6)						Prepared: 04/30/2021 Analyzed: 05/04/2021				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3780	250	ng/L	960	1540	233	25-150	High Bias	25.8	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2050	625	"	950	1310	77.4	25-150		3.49	35	
N-EtFOSAA	1240	250	"	1000	ND	124	25-150		7.92	35	
N-MeFOSAA	1000	250	"	1000	ND	100	25-150		2.87	35	
Perfluoro-1-decanesulfonic acid (PFDS)	884	250	"	965	ND	91.6	25-150		8.34	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	1330	250	"	950	349	103	25-150		4.81	35	
Perfluoro-1-octanesulfonamide (FOSA)	1110	250	"	1000	ND	111	25-150		1.13	35	
Perfluorobutanesulfonic acid (PFBS)	1220	250	"	885	230	112	25-150		3.96	35	
Perfluorodecanoic acid (PFDA)	1560	250	"	1000	361	120	25-150		2.25	35	
Perfluorododecanoic acid (PFDoA)	1010	250	"	1000	ND	101	25-150		1.83	35	
Perfluorohexanoic acid (PFHxA)	3610	250	"	1000	2600	101	25-150		0.541	35	
Perfluorohexanesulfonic acid (PFHxS)	8260	250	"	912	6800	160	25-150	High Bias	1.09	35	
Perfluorohexanoic acid (PFHxA)	3710	250	"	1000	2640	107	25-150		5.69	35	
Perfluoro-n-butanoic acid (PFBA)	2090	250	"	1000	1030	105	25-150		0.0616	35	
Perfluorononanoic acid (PFNA)	2330	250	"	1000	1460	86.9	25-150		8.99	35	
Perfluorooctanesulfonic acid (PFOS)	12500	250	"	926	12800	NR	25-150	Low Bias	9.04	35	
Perfluorooctanoic acid (PFOA)	3820	250	"	1000	2620	120	25-150		0.561	35	
Perfluoropentanoic acid (PFPeA)	4120	250	"	1000	2950	117	25-150		2.98	35	
Perfluorotetradecanoic acid (PFTA)	1030	250	"	1000	ND	103	25-150		1.15	35	
Perfluorotridecanoic acid (PFTTrDA)	1400	250	"	1000	309	109	25-150		8.34	35	
Perfluoroundecanoic acid (PFUnA)	10600	250	"	1000	9860	77.0	25-150		35.0	35	
Surrogate: M3PFBS	1020		"	929		110	25-150				
Surrogate: M5PFHxA	961		"	1000		96.1	25-150				
Surrogate: M4PFHpA	925		"	1000		92.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11715 - SPE Ext-PFAS-EPA 537.1M

Matrix Spike Dup (BD11715-MSD1) *Source sample: 21D1268-08 (FMW-6) Prepared: 04/30/2021 Analyzed: 05/04/2021

Surrogate: M3PFHxS	839		ng/L	946		88.7	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	896		"	1000		89.6	25-150						
Surrogate: M6PFDA	738		"	1000		73.8	25-150						
Surrogate: M7PFUdA	714		"	1000		71.4	25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	753		"	1000		75.3	25-150						
Surrogate: M2PFTeDA	882		"	1000		88.2	10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	1200		"	1000		120	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	887		"	957		92.7	25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	1070		"	1000		107	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	326		"	1000		32.6	10-150						
Surrogate: d3-N-MeFOSAA	736		"	1000		73.6	25-150						
Surrogate: d5-N-EtFOSAA	611		"	1000		61.1	25-150						
Surrogate: M2-6:2 FTS	696		"	949		73.4	25-150						
Surrogate: M2-8:2 FTS	705		"	958		73.6	25-150						
Surrogate: M9PFNA	830		"	1000		83.0	25-150						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21D1268-04	MW-48	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1268-05	MW-43	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1268-06	FMW-23	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1268-11	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.

Corrective Action: No Trip Blanks were received as indicated on COC



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

YORK
 ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

2101268

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company	WSP WA	Company		Company		31402218 000 0100		RUSH - Next Day	
Address	500 ...	Address		Address		YOUR Project Name		RUSH - Two Day	
Phone	714-461-2461	Phone	Same	Phone	Same	Westchester County		RUSH - Three Day	
Contact	John Benajon	Contact		Contact		Airport (WCA)		RUSH - Four Day	
E-mail	John.Benajon@wsp.com	E-mail		E-mail		YOUR PO#:		Standard (5-7 Day)	

Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp	
S - soil / solid		New York		Summary Report	Standard Excel EDD	Compared to the following Regulation(s) (please fill in)	
GW - groundwater		New Jersey		QA Report	EQUS (Standard)		
DW - drinking water		Connecticut		NY ASP A Package	NYSDEC EQUS		
WW - wastewater		Pennsylvania		NY ASP B Package	NJDEP Reduced Deliverables		
O - Oil / Other		Other			NJDEP SRP HazSite		
					Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
W10-1	412721	1100	EPA 817 4260 Full list 1,4 Dioxane 6 cycles	2 P. 540.10
FMW-1R		1030	x	
MW-47		1120	x	
MU-48		1215	x	
MU-43		1305	x	
FMW-23		1350	x	
PRMW-1		1510	x	
FMW-6		1530	x	
MSMSD (MW-6)		1530	x	

Comments:

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

Samples Requisitioned by / Company	Date/Time	Samples Requisitioned by / Company	Date/Time
[Signature]	4/27/10 1610	Chic	4/28/21 8:46
Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time
[Signature]			
Samples Requisitioned by / Company	Date/Time	Samples Requisitioned by / Company	Date/Time
[Signature]			
Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time
[Signature]			

Temp. Received at Lab: 3.8 Degrees



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.

21D1268

Page 2 of 2

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company WSPWA	Company	Address 500 Summit Lake Dr Valhalla NY	Address	Company	Company	31402218000	Standard Excel EDD	RUSH - Next Day	
Phone 914 461 2961	Phone	Contact John Benigno	Contact	Address Same	Address	YOUR Project Name Westchester County Airport (WCA)	Standard	RUSH - Two Day	
E-mail John.Benigno@wsp.com	E-mail	Samples Collected by: (print your name above and sign below) Mike Reiff		Phone Same	Phone	YOUR PO#:	Other:	RUSH - Three Day	

Matrix Codes	Samples From					Report / EDD Type (circle selections)				YORK Reg. Comp
	S - soil / solid	New York	New Jersey	Connecticut	Pennsylvania	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)	
GW - groundwater	<input checked="" type="checkbox"/>									
DW - drinking water										
WW - wastewater										
O - Oil ; Other										

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested		Container Descriptors
			Summary Report	QA Report	
FMW-7	4/27/21	1540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 P 30(1) 10(2)
Field Duplicate	↓	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X
Field Blank	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X
Trip Blank	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X

Comments:

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

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Special Instruction
[Signature]	4/27/21 1610	Chic	4-28-21 1540	Field Filtered Lab to Filter
Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time	
[Signature]	4/28/21 8:40	Chic	4/28/21 1540	
Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
[Signature]		[Signature]	4/28/21 1540	3.8



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/07/2021
Client Project ID: 31402218.000 01.00 Westchester County Airport
York Project (SDG) No.: 21D1374

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

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

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 April 29, 2021 and listed below. The project was identified as your project: **31402218.000 01.00 Westchester County Airport**.

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>
21D1374-01	Hanger E MW-1	Water	04/28/2021	04/29/2021
21D1374-02	Hanger E MW-2	Water	04/28/2021	04/29/2021
21D1374-03	Hanger E MW-4	Water	04/28/2021	04/29/2021
21D1374-04	FMW-24	Water	04/28/2021	04/29/2021
21D1374-05	FMW-39	Water	04/28/2021	04/29/2021
21D1374-06	MW-7S	Water	04/28/2021	04/29/2021
21D1374-07	MW-10S	Water	04/28/2021	04/29/2021
21D1374-08	MW-17S	Water	04/28/2021	04/29/2021
21D1374-09	FMW-2R	Water	04/28/2021	04/29/2021
21D1374-10	Field Blank	Water	04/28/2021	04/29/2021
21D1374-11	Trip Blank	Water	04/28/2021	04/29/2021

General Notes for York Project (SDG) No.: 21D1374

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:



Benjamin Gulizia
Laboratory Director

Date: 05/07/2021





Sample Information

Client Sample ID: Hanger E MW-1

York Sample ID: 21D1374-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 9:25 am	04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-34-3	1,1-Dichloroethane	24		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-35-4	1,1-Dichloroethylene	67		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:03	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
95-63-6	1,2,4-Trimethylbenzene	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD



Sample Information

Client Sample ID: Hanger E MW-1

York Sample ID: 21D1374-01

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:25 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
71-43-2	Benzene	0.64		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-00-3	Chloroethane	42		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
156-59-2	cis-1,2-Dichloroethylene	9.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD



Sample Information

Client Sample ID: Hanger E MW-1

York Sample ID: 21D1374-01

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:25 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
95-47-6	o-Xylene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 12:24	PD
79-01-6	Trichloroethylene	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	PD
75-01-4	Vinyl Chloride	64		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:03	PD
1330-20-7	Xylenes, Total	0.68	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 12:24	PD



Sample Information

Client Sample ID: Hanger E MW-1

York Sample ID: 21D1374-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:25 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
Surrogate Recoveries		Result			Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %										
2037-26-5	Surrogate: SURR: Toluene-d8	99.6 %										
2037-26-5	Surrogate: SURR: Toluene-d8	101 %										
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.8 %										

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	580		ug/L	15.0	50	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/05/2021 13:29	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %									

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.39		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	271		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL



Sample Information

Client Sample ID: Hanger E MW-1

York Sample ID: 21D1374-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 9:25 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	359		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:24	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	3.83		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	991		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:24	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	363		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:24	WL
375-95-1	* Perfluorononanoic acid (PFNA)	3.84		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	3.27		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	316		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:24	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	2290		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:24	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:36	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	89.6 %	25-150
Surrogate: M5PFHxA	83.1 %	25-150
Surrogate: M5PFHxA	51.3 %	25-150
Surrogate: M4PFHpA	142 %	25-150
Surrogate: M4PFHpA	68.9 %	25-150
Surrogate: M3PFHxS	111 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	94.0 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	94.0 %	25-150
Surrogate: M6PFDA	124 %	25-150
Surrogate: M7PFUDA	98.4 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.5 %	25-150
Surrogate: M2PFTeDA	35.9 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	101 %	25-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	27.2 %	25-150



Sample Information

Client Sample ID: Hanger E MW-1	York Sample ID: 21D1374-01			
York Project (SDG) No.: 21D1374	Client Project ID: 31402218.000 01.00 Westchester County Airport	Matrix: Water	Collection Date/Time: April 28, 2021 9:25 am	Date Received: 04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	129 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.8 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	26.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	9.73 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	90.2 %			25-150					
	Surrogate: d5-N-EtFOSAA	94.6 %			25-150					
	Surrogate: M2-6:2 FTS	194 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	280 %	PFSu-H		25-150					
	Surrogate: M9PFNA	125 %			25-150					

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 13:10	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 13:10	CM
	Surrogate Recoveries	Result					Acceptance Range			
110-63-4	Surrogate: 1,4-Butanediol	74.8 %					30-130			

Sample Information

Client Sample ID: Hanger E MW-2	York Sample ID: 21D1374-02			
York Project (SDG) No.: 21D1374	Client Project ID: 31402218.000 01.00 Westchester County Airport	Matrix: Water	Collection Date/Time: April 28, 2021 9:40 am	Date Received: 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
71-55-6	1,1,1-Trichloroethane	3.1		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD



Sample Information

Client Sample ID: Hanger E MW-2

York Sample ID: 21D1374-02

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:40 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-34-3	1,1-Dichloroethane	16		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-35-4	1,1-Dichloroethylene	21		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
123-91-1	1,4-Dioxane	ND		ug/L	80	80	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
67-64-1	Acetone	10		ug/L	2.0	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD



Sample Information

Client Sample ID: Hanger E MW-2

York Sample ID: 21D1374-02

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:40 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
156-59-2	cis-1,2-Dichloroethylene	3.1		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD



Sample Information

Client Sample ID: Hanger E MW-2

York Sample ID: 21D1374-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:40 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 12:50	PD
79-01-6	Trichloroethylene	0.44	J	ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
75-01-4	Vinyl Chloride	4.0		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:50	PD
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 12:50	PD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.6 %	79-122								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Hanger E MW-2

York Sample ID: 21D1374-02

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:40 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	889		ug/L	6.00	20	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/05/2021 13:47	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	72.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	76.7		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
2355-31-9	* N-MeFOSAA	6.21		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.96		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	4.37		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	204		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:46	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	5.82		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	316		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:46	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	166		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
375-95-1	* Perfluorononanoic acid (PFNA)	27.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	24.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	197		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:46	WL



Sample Information

Client Sample ID: Hanger E MW-2

York Sample ID: 21D1374-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:40 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	632		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 23:46	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 21:59	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		90.4 %	25-150							
Surrogate: M5PFHxA		88.2 %	25-150							
Surrogate: M5PFHxA		75.9 %	25-150							
Surrogate: M4PFHpA		136 %	25-150							
Surrogate: M4PFHpA		67.8 %	25-150							
Surrogate: M3PFHxS		105 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		100 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		108 %	25-150							
Surrogate: M6PFDA		120 %	25-150							
Surrogate: M7PFUdA		84.8 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		96.1 %	25-150							
Surrogate: M2PFTeDA		81.6 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		28.9 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		126 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		88.1 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		47.5 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		2.27 %	PFSu-L	10-150						
Surrogate: d3-N-MeFOSAA		4.71 %	PFSu-L	25-150						
Surrogate: d5-N-EtFOSAA		70.1 %		25-150						
Surrogate: M2-6:2 FTS		242 %	PFSu-H	25-150						
Surrogate: M2-8:2 FTS		221 %	PFSu-H	25-150						
Surrogate: M9PFNA		119 %		25-150						



Sample Information

Client Sample ID: Hanger E MW-4

York Sample ID: 21D1374-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:55 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-34-3	1,1-Dichloroethane	0.59		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-35-4	1,1-Dichloroethylene	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD



Sample Information

Client Sample ID: Hanger E MW-4

York Sample ID: 21D1374-03

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 9:55 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
156-59-2	cis-1,2-Dichloroethylene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD



Sample Information

Client Sample ID: Hanger E MW-4

York Sample ID: 21D1374-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:55 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 13:17	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 13:17	PD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						



Sample Information

Client Sample ID: Hanger E MW-4

York Sample ID: 21D1374-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 9:55 am

04/29/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	32.0		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 17:54	KH
	Surrogate Recoveries	Result					Acceptance Range			
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %					36.6-118			

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	361		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.81		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	4.33		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	438		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:08	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	20.8		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	839		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:08	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	322		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
375-95-1	* Perfluorononanoic acid (PFNA)	44.3		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	83.5		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL



Sample Information

Client Sample ID: Hanger E MW-4

York Sample ID: 21D1374-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 9:55 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	* Perfluorooctanoic acid (PFOA)	481		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:08	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1520		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:08	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:21	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	109 %	25-150
Surrogate: M5PFHxA	72.9 %	25-150
Surrogate: M5PFHxA	93.4 %	25-150
Surrogate: M4PFHpA	90.6 %	25-150
Surrogate: M4PFHpA	158 %	25-150
Surrogate: M3PFHxS	142 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.2 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	98.4 %	25-150
Surrogate: M6PFDA	131 %	25-150
Surrogate: M7PFUDA	116 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	107 %	25-150
Surrogate: M2PFTeDA	107 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	36.3 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	148 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	37.1 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	100 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7.44 %	PFSu-L 10-150
Surrogate: d3-N-MeFOSAA	88.9 %	25-150
Surrogate: d5-N-EtFOSAA	96.0 %	25-150
Surrogate: M2-6:2 FTS	203 %	PFSu-H 25-150
Surrogate: M2-8:2 FTS	279 %	PFSu-H 25-150
Surrogate: M9PFNA	129 %	25-150



Sample Information

Client Sample ID: FMW-24

York Sample ID: 21D1374-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 10:40 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.15		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.10		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	3.64		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	3.01		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	4.76		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	5.52		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	22.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	2.93		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 22:43	WL

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: FMW-24

York Sample ID: 21D1374-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 10:40 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	106 %			25-150					
	Surrogate: M5PFHxA	102 %			25-150					
	Surrogate: M4PFHpA	129 %			25-150					
	Surrogate: M3PFHxS	93.2 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	96.5 %			25-150					
	Surrogate: M6PFDA	107 %			25-150					
	Surrogate: M7PFUdA	109 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	127 %			25-150					
	Surrogate: M2PFTeDA	141 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	101 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	98.7 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	107 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	27.2 %			10-150					
	Surrogate: d3-N-MeFOSAA	79.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	107 %			25-150					
	Surrogate: M2-6:2 FTS	72.0 %			25-150					
	Surrogate: M2-8:2 FTS	124 %			25-150					
	Surrogate: M9PFNA	101 %			25-150					

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:21	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:21	CM
	Surrogate Recoveries	Result		Acceptance Range						
110-63-4	Surrogate: 1,4-Butanediol	73.8 %								



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21D1374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 11:05 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-35-4	1,1-Dichloroethylene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
78-93-3	2-Butanone	0.61		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21D1374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 11:05 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	2.6		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21D1374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 11:05 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
108-88-3	Toluene	25		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 09:00	05/03/2021 14:30	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/03/2021 09:00	05/03/2021 14:30	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/03/2021 09:00	05/03/2021 14:30	PD
Surrogate Recoveries		Result	Acceptance Range								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21D1374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 11:05 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: Surr: <i>p</i> -Bromofluorobenzene	95.7 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.94		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	2.37		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.19		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	2.33		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	3.05		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	3.15		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21D1374-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 11:05 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:06	WL
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	87.7 %	25-150							
	Surrogate: M5PFHxA	88.4 %	25-150							
	Surrogate: M4PFHpA	115 %	25-150							
	Surrogate: M3PFHxS	106 %	25-150							
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	104 %	25-150							
	Surrogate: M6PFDA	114 %	25-150							
	Surrogate: M7PFUdA	103 %	25-150							
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	90.1 %	25-150							
	Surrogate: M2PFTeDA	56.1 %	10-150							
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	50.8 %	25-150							
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	117 %	25-150							
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	81.1 %	25-150							
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	13.1 %	10-150							
	Surrogate: d3-N-MeFOSAA	85.8 %	25-150							
	Surrogate: d5-N-EtFOSAA	97.0 %	25-150							
	Surrogate: M2-6:2 FTS	128 %	25-150							
	Surrogate: M2-8:2 FTS	129 %	25-150							
	Surrogate: M9PFNA	112 %	25-150							

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:37	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:37	CM
Surrogate Recoveries		Result	Acceptance Range							
110-63-4	Surrogate: 1,4-Butanediol	95.5 %	30-130							



Sample Information

Client Sample ID: FMW-39			York Sample ID: 21D1374-05
<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 11:05 am
			<u>Date Received</u> 04/29/2021

Sample Information

Client Sample ID: MW-7S			York Sample ID: 21D1374-06
<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 11:40 am
			<u>Date Received</u> 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
71-55-6	1,1,1-Trichloroethane	3.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-34-3	1,1-Dichloroethane	56		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-35-4	1,1-Dichloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD



Sample Information

Client Sample ID: MW-7S

York Sample ID: 21D1374-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 11:40 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
67-64-1	Acetone	2.8		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
156-59-2	cis-1,2-Dichloroethylene	33		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD



Sample Information

Client Sample ID: MW-7S

York Sample ID: 21D1374-06

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 11:40 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
127-18-4	Tetrachloroethylene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
156-60-5	trans-1,2-Dichloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:10	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 14:10	PD



Sample Information

Client Sample ID: MW-7S

York Sample ID: 21D1374-06

York Project (SDG) No. 21D1374 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 28, 2021 11:40 am Date Received 04/29/2021

Volatilic Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,4-Dioxane and Surrogate Recoveries.

Sample Information

Client Sample ID: MW-10S

York Sample ID: 21D1374-07

York Project (SDG) No. 21D1374 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 28, 2021 12:30 pm Date Received 04/29/2021

Volatilic Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, and 1,1,2-Trichloro-1,2,2-trifluoroethane.



Sample Information

Client Sample ID: MW-10S

York Sample ID: 21D1374-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 12:30 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-34-3	1,1-Dichloroethane	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-35-4	1,1-Dichloroethylene	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD



Sample Information

Client Sample ID: MW-10S

York Sample ID: 21D1374-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 12:30 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
156-59-2	cis-1,2-Dichloroethylene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD



Sample Information

Client Sample ID: MW-10S

York Sample ID: 21D1374-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 12:30 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
127-18-4	Tetrachloroethylene	2.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
156-60-5	trans-1,2-Dichloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 14:37	PD
79-01-6	Trichloroethylene	3.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
75-01-4	Vinyl Chloride	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 14:37	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 14:37	PD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.7 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

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



Sample Information

Client Sample ID: MW-10S

York Sample ID: 21D1374-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 12:30 pm

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	3.11		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	6.63		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	13.8		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	47.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	25.4		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	18.8		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
375-95-1	* Perfluorononanoic acid (PFNA)	10.5		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	68.0		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	25.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	29.6		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/04/2021 23:50	WL



Sample Information

Client Sample ID: MW-10S					York Sample ID: 21D1374-07
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 12:30 pm	04/29/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	106 %								
	Surrogate: M5PFHxA	109 %								
	Surrogate: M4PFHpA	133 %								
	Surrogate: M3PFHxS	120 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %								
	Surrogate: M6PFDA	98.3 %								
	Surrogate: M7PFUDA	85.7 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	80.8 %								
	Surrogate: M2PFTeDA	65.1 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	58.7 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	93.7 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	88.5 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	13.4 %								
	Surrogate: d3-N-MeFOSAA	64.1 %								
	Surrogate: d5-N-EtFOSAA	73.9 %								
	Surrogate: M2-6:2 FTS	68.9 %								
	Surrogate: M2-8:2 FTS	89.7 %								
	Surrogate: M9PFNA	96.8 %								

Sample Information

Client Sample ID: MW-17S					York Sample ID: 21D1374-08
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 1:10 pm	04/29/2021	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD



Sample Information

Client Sample ID: MW-17S

York Sample ID: 21D1374-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:10 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD



Sample Information

Client Sample ID: MW-17S

York Sample ID: 21D1374-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:10 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
156-59-2	cis-1,2-Dichloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD



Sample Information

Client Sample ID: MW-17S

York Sample ID: 21D1374-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:10 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:04	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:04	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:04	PD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.3 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-17S

York Sample ID: 21D1374-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 1:10 pm	04/29/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	2.51		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	4.39		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	7.85		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	39.8		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	12.9		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	12.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
375-95-1	* Perfluorononanoic acid (PFNA)	12.1		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	82.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	15.6		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	16.0		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:13	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	110 %	25-150



Sample Information

Client Sample ID: MW-17S

York Sample ID: 21D1374-08

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 1:10 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	123 %			25-150					
	Surrogate: M4PFHpA	142 %			25-150					
	Surrogate: M3PFHxS	112 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	91.6 %			25-150					
	Surrogate: M6PFDA	90.5 %			25-150					
	Surrogate: M7PFUdA	81.0 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	64.0 %			25-150					
	Surrogate: M2PFTeDA	41.5 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	117 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	90.5 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	110 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	9.63 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	64.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	74.9 %			25-150					
	Surrogate: M2-6:2 FTS	65.7 %			25-150					
	Surrogate: M2-8:2 FTS	81.7 %			25-150					
	Surrogate: M9PFNA	98.0 %			25-150					

Sample Information

Client Sample ID: FMW-2R

York Sample ID: 21D1374-09

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 1:55 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD



Sample Information

Client Sample ID: FMW-2R

York Sample ID: 21D1374-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:55 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD



Sample Information

Client Sample ID: FMW-2R

York Sample ID: 21D1374-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:55 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD



Sample Information

Client Sample ID: FMW-2R

York Sample ID: 21D1374-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:55 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:31	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:31	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:31	PD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.1 %	79-122								

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

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



Sample Information

Client Sample ID: FMW-2R

York Sample ID: 21D1374-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1374

31402218.000 01.00 Westchester County Airport

Water

April 28, 2021 1:55 pm

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.46		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.57		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2.26		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	3.21		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	9.09		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	4.08		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	13.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	4.70		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:35	WL



Sample Information

Client Sample ID: FMW-2R					York Sample ID: 21D1374-09
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 1:55 pm	04/29/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	132 %								
	Surrogate: M5PFHxA	128 %								
	Surrogate: M4PFHpA	146 %								
	Surrogate: M3PFHxS	102 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	111 %								
	Surrogate: M6PFDA	106 %								
	Surrogate: M7PFUDA	105 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	90.0 %								
	Surrogate: M2PFTeDA	76.5 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	109 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	103 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	136 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	12.6 %								
	Surrogate: d3-N-MeFOSAA	77.3 %								
	Surrogate: d5-N-EtFOSAA	89.0 %								
	Surrogate: M2-6:2 FTS	70.9 %								
	Surrogate: M2-8:2 FTS	123 %								
	Surrogate: M9PFNA	112 %								

Sample Information

Client Sample ID: Field Blank					York Sample ID: 21D1374-10
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21D1374	31402218.000 01.00 Westchester County Airport	Water	April 28, 2021 2:15 pm	04/29/2021	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 2:15 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 2:15 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 2:15 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-09-2	Methylene chloride	2.8		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:58	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 15:58	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 15:58	PD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.9 %	79-122								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 2:15 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 19:05	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	88.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 2:15 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 00:57	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	106 %	25-150
Surrogate: M5PFHxA	113 %	25-150
Surrogate: M4PFHpA	142 %	25-150
Surrogate: M3PFHxS	92.2 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	106 %	25-150
Surrogate: M6PFDA	106 %	25-150
Surrogate: M7PFUDA	114 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	92.6 %	25-150
Surrogate: M2PFTeDA	85.1 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	129 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	97.6 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	122 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	55.1 %	10-150
Surrogate: d3-N-MeFOSAA	85.2 %	25-150
Surrogate: d5-N-EtFOSAA	129 %	25-150
Surrogate: M2-6:2 FTS	72.9 %	25-150
Surrogate: M2-8:2 FTS	100 %	25-150
Surrogate: M9PFNA	112 %	25-150

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:53	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 14:53	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1374-10

York Project (SDG) No. 21D1374 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 28, 2021 2:15 pm Date Received 04/29/2021

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 110-63-4, Surrogate: 1,4-Butanediol, 84.9%, 30-130

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1374-11

York Project (SDG) No. 21D1374 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 28, 2021 3:00 pm Date Received 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds like 1,1,1,2-Tetrachloroethane, etc.



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1374-11

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-15-0	Carbon disulfide	0.39	SCAL- E, J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1374-11

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1374-11

<u>York Project (SDG) No.</u> 21D1374	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 28, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 09:00	05/04/2021 11:31	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 11:31	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 09:00	05/04/2021 11:31	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.8 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.3 %			79-122						



Analytical Batch Summary

Batch ID: BD11664 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-01	Hanger E MW-1	04/30/21
21D1374-02	Hanger E MW-2	04/30/21
21D1374-03	Hanger E MW-4	04/30/21
21D1374-06	MW-7S	04/30/21
21D1374-07	MW-10S	04/30/21
21D1374-08	MW-17S	04/30/21
21D1374-09	FMW-2R	04/30/21
21D1374-10	Field Blank	04/30/21
BD11664-BLK1	Blank	04/30/21
BD11664-BS1	LCS	04/30/21
BD11664-BSD1	LCS Dup	04/30/21

Batch ID: BE10004 **Preparation Method:** Preparation for GC Analysis **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-01	Hanger E MW-1	05/03/21
21D1374-04	FMW-24	05/03/21
21D1374-05	FMW-39	05/03/21
21D1374-10	Field Blank	05/03/21
BE10004-BLK1	Blank	05/03/21
BE10004-BS1	LCS	05/03/21
BE10004-MS1	Matrix Spike	05/03/21
BE10004-MSD1	Matrix Spike Dup	05/03/21

Batch ID: BE10015 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-01RE1	Hanger E MW-1	05/03/21
21D1374-05	FMW-39	05/03/21
BE10015-BLK1	Blank	05/03/21
BE10015-BS1	LCS	05/03/21
BE10015-BSD1	LCS Dup	05/03/21

Batch ID: BE10061 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-01	Hanger E MW-1	05/03/21
21D1374-01RE1	Hanger E MW-1	05/03/21
21D1374-02	Hanger E MW-2	05/03/21
21D1374-02RE1	Hanger E MW-2	05/03/21
21D1374-03	Hanger E MW-4	05/03/21
21D1374-03RE1	Hanger E MW-4	05/03/21
21D1374-04	FMW-24	05/03/21
21D1374-05	FMW-39	05/03/21



21D1374-07	MW-10S	05/03/21
21D1374-08	MW-17S	05/03/21
21D1374-09	FMW-2R	05/03/21
21D1374-10	Field Blank	05/03/21
BE10061-BLK1	Blank	05/03/21
BE10061-BS1	LCS	05/03/21
BE10061-MS1	Matrix Spike	05/03/21
BE10061-MSD1	Matrix Spike Dup	05/03/21

Batch ID: BE10084 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-01	Hanger E MW-1	05/04/21
21D1374-01RE1	Hanger E MW-1	05/04/21
21D1374-02	Hanger E MW-2	05/04/21
21D1374-02RE1	Hanger E MW-2	05/04/21
21D1374-03	Hanger E MW-4	05/04/21
21D1374-06	MW-7S	05/04/21
21D1374-10	Field Blank	05/04/21
BE10084-BLK1	Blank	05/04/21
BE10084-BS1	LCS	05/04/21
BE10084-MS1	Matrix Spike	05/04/21
BE10084-MSD1	Matrix Spike Dup	05/04/21

Batch ID: BE10100 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1374-11	Trip Blank	05/04/21
BE10100-BLK1	Blank	05/04/21
BE10100-BS1	LCS	05/04/21
BE10100-BSD1	LCS Dup	05/04/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

Blank (BD11664-BLK1)

Prepared & Analyzed: 04/30/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

Blank (BD11664-BLK1)

Prepared & Analyzed: 04/30/2021

Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURRE: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

LCS (BD11664-BS1)

Prepared & Analyzed: 04/30/2021

1,1,1,2-Tetrachloroethane	8.5		ug/L	10.0		85.0	82-126				
1,1,1-Trichloroethane	8.8		"	10.0		88.0	78-136				
1,1,2,2-Tetrachloroethane	8.9		"	10.0		88.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		92.9	54-165				
1,1,2-Trichloroethane	8.9		"	10.0		88.6	82-123				
1,1-Dichloroethane	8.7		"	10.0		87.1	82-129				
1,1-Dichloroethylene	9.0		"	10.0		90.1	68-138				
1,2,3-Trichlorobenzene	8.4		"	10.0		83.8	40-130				
1,2,3-Trichloropropane	8.6		"	10.0		86.5	77-128				
1,2,4-Trichlorobenzene	8.9		"	10.0		89.2	65-137				
1,2,4-Trimethylbenzene	9.3		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	6.6		"	10.0		65.9	45-147				
1,2-Dibromoethane	8.6		"	10.0		85.5	83-124				
1,2-Dichlorobenzene	9.2		"	10.0		92.4	79-123				
1,2-Dichloroethane	0.80		"	10.0		8.00	73-132		Low Bias		
1,2-Dichloropropane	8.7		"	10.0		87.4	78-126				
1,3,5-Trimethylbenzene	9.4		"	10.0		94.1	80-131				
1,3-Dichlorobenzene	9.3		"	10.0		93.0	86-130				
1,4-Dichlorobenzene	9.3		"	10.0		92.8	85-130				
1,4-Dioxane	260		"	210		125	10-349				
2-Butanone	8.0		"	10.0		80.5	49-152				
2-Hexanone	6.6		"	10.0		65.9	51-146				
4-Methyl-2-pentanone	6.4		"	10.0		63.9	57-145				
Acetone	5.2		"	10.0		52.0	14-150				
Acrolein	11		"	10.0		110	10-153				
Acrylonitrile	7.4		"	10.0		74.2	51-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

LCS (BD11664-BS1)

Prepared & Analyzed: 04/30/2021

Benzene	9.1		ug/L	10.0		91.0	85-126				
Bromochloromethane	8.8		"	10.0		88.1	77-128				
Bromodichloromethane	8.5		"	10.0		85.3	79-128				
Bromoform	6.8		"	10.0		68.4	78-133	Low Bias			
Bromomethane	11		"	10.0		114	43-168				
Carbon disulfide	8.5		"	10.0		84.6	68-146				
Carbon tetrachloride	8.4		"	10.0		84.2	77-141				
Chlorobenzene	9.2		"	10.0		91.7	88-120				
Chloroethane	10		"	10.0		104	65-136				
Chloroform	9.0		"	10.0		89.7	82-128				
Chloromethane	8.6		"	10.0		86.0	43-155				
cis-1,2-Dichloroethylene	8.9		"	10.0		88.8	83-129				
cis-1,3-Dichloropropylene	8.3		"	10.0		83.4	80-131				
Cyclohexane	9.1		"	10.0		90.6	63-149				
Dibromochloromethane	7.8		"	10.0		77.6	80-130	Low Bias			
Dibromomethane	8.6		"	10.0		86.2	72-134				
Dichlorodifluoromethane	9.6		"	10.0		96.3	44-144				
Ethyl Benzene	9.2		"	10.0		92.4	80-131				
Hexachlorobutadiene	9.0		"	10.0		89.6	67-146				
Isopropylbenzene	9.1		"	10.0		90.6	76-140				
Methyl acetate	8.7		"	10.0		86.8	51-139				
Methyl tert-butyl ether (MTBE)	8.4		"	10.0		83.9	76-135				
Methylcyclohexane	9.0		"	10.0		89.7	72-143				
Methylene chloride	8.7		"	10.0		87.4	55-137				
n-Butylbenzene	9.6		"	10.0		96.3	79-132				
n-Propylbenzene	9.2		"	10.0		92.4	78-133				
o-Xylene	9.1		"	10.0		90.8	78-130				
p- & m- Xylenes	19		"	20.0		93.5	77-133				
p-Isopropyltoluene	9.4		"	10.0		93.5	81-136				
sec-Butylbenzene	9.8		"	10.0		97.8	79-137				
Styrene	9.0		"	10.0		90.3	67-132				
tert-Butyl alcohol (TBA)	43		"	50.0		86.1	25-162				
tert-Butylbenzene	8.6		"	10.0		86.0	77-138				
Tetrachloroethylene	6.2		"	10.0		61.9	82-131	Low Bias			
Toluene	9.4		"	10.0		93.9	80-127				
trans-1,2-Dichloroethylene	9.4		"	10.0		94.2	80-132				
trans-1,3-Dichloropropylene	7.8		"	10.0		77.6	78-131	Low Bias			
trans-1,4-dichloro-2-butene	7.2		"	10.0		72.5	63-141				
Trichloroethylene	9.1		"	10.0		90.8	82-128				
Trichlorofluoromethane	9.1		"	10.0		91.1	67-139				
Vinyl Chloride	9.5		"	10.0		95.3	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11664 - EPA 5030B											
LCS Dup (BD11664-BSD1)											
Prepared & Analyzed: 04/30/2021											
1,1,1,2-Tetrachloroethane	8.9		ug/L	10.0		89.3	82-126		4.93	30	
1,1,1-Trichloroethane	9.7		"	10.0		96.9	78-136		9.63	30	
1,1,2,2-Tetrachloroethane	9.0		"	10.0		89.7	76-129		1.23	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	54-165		10.0	30	
1,1,2-Trichloroethane	8.8		"	10.0		87.8	82-123		0.907	30	
1,1-Dichloroethane	9.5		"	10.0		95.0	82-129		8.68	30	
1,1-Dichloroethylene	10		"	10.0		100	68-138		10.8	30	
1,2,3-Trichlorobenzene	7.8		"	10.0		78.5	40-130		6.53	30	
1,2,3-Trichloropropane	8.7		"	10.0		86.6	77-128		0.116	30	
1,2,4-Trichlorobenzene	9.1		"	10.0		90.6	65-137		1.56	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		9.24	30	
1,2-Dibromo-3-chloropropane	6.1		"	10.0		61.4	45-147		7.07	30	
1,2-Dibromoethane	8.6		"	10.0		86.5	83-124		1.16	30	
1,2-Dichlorobenzene	9.8		"	10.0		97.8	79-123		5.68	30	
1,2-Dichloroethane	0.77		"	10.0		7.70	73-132	Low Bias	3.82	30	
1,2-Dichloropropane	9.3		"	10.0		92.9	78-126		6.10	30	
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131		10.1	30	
1,3-Dichlorobenzene	10		"	10.0		99.8	86-130		7.05	30	
1,4-Dichlorobenzene	9.9		"	10.0		99.2	85-130		6.67	30	
1,4-Dioxane	230		"	210		112	10-349		11.5	30	
2-Butanone	7.8		"	10.0		78.0	49-152		3.15	30	
2-Hexanone	6.0		"	10.0		60.0	51-146		9.37	30	
4-Methyl-2-pentanone	6.3		"	10.0		63.1	57-145		1.26	30	
Acetone	5.2		"	10.0		51.7	14-150		0.579	30	
Acrolein	10		"	10.0		101	10-153		8.55	30	
Acrylonitrile	8.7		"	10.0		87.2	51-150		16.1	30	
Benzene	9.9		"	10.0		99.2	85-126		8.62	30	
Bromochloromethane	9.2		"	10.0		92.2	77-128		4.55	30	
Bromodichloromethane	8.9		"	10.0		89.3	79-128		4.58	30	
Bromoform	6.7		"	10.0		66.8	78-133	Low Bias	2.37	30	
Bromomethane	14		"	10.0		136	43-168		17.6	30	
Carbon disulfide	9.3		"	10.0		93.1	68-146		9.57	30	
Carbon tetrachloride	9.3		"	10.0		92.6	77-141		9.50	30	
Chlorobenzene	9.7		"	10.0		97.4	88-120		6.03	30	
Chloroethane	11		"	10.0		113	65-136		8.18	30	
Chloroform	9.6		"	10.0		95.7	82-128		6.47	30	
Chloromethane	9.5		"	10.0		94.7	43-155		9.63	30	
cis-1,2-Dichloroethylene	9.7		"	10.0		96.8	83-129		8.62	30	
cis-1,3-Dichloropropylene	8.6		"	10.0		86.2	80-131		3.30	30	
Cyclohexane	10		"	10.0		101	63-149		10.5	30	
Dibromochloromethane	7.9		"	10.0		78.9	80-130	Low Bias	1.66	30	
Dibromomethane	8.9		"	10.0		89.2	72-134		3.42	30	
Dichlorodifluoromethane	11		"	10.0		107	44-144		10.2	30	
Ethyl Benzene	10		"	10.0		100	80-131		8.40	30	
Hexachlorobutadiene	9.4		"	10.0		94.0	67-146		4.79	30	
Isopropylbenzene	10		"	10.0		102	76-140		11.9	30	
Methyl acetate	8.6		"	10.0		85.8	51-139		1.16	30	
Methyl tert-butyl ether (MTBE)	8.2		"	10.0		82.0	76-135		2.29	30	
Methylcyclohexane	9.8		"	10.0		98.5	72-143		9.35	30	
Methylene chloride	9.3		"	10.0		92.6	55-137		5.78	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11664 - EPA 5030B											
LCS Dup (BD11664-BSD1)											
Prepared & Analyzed: 04/30/2021											
n-Butylbenzene	10		ug/L	10.0		105	79-132		8.36	30	
n-Propylbenzene	10		"	10.0		103	78-133		11.2	30	
o-Xylene	9.7		"	10.0		97.2	78-130		6.81	30	
p- & m- Xylenes	20		"	20.0		101	77-133		7.96	30	
p-Isopropyltoluene	10		"	10.0		103	81-136		9.96	30	
sec-Butylbenzene	11		"	10.0		109	79-137		10.6	30	
Styrene	9.5		"	10.0		94.8	67-132		4.86	30	
tert-Butyl alcohol (TBA)	40		"	50.0		80.5	25-162		6.72	30	
tert-Butylbenzene	9.7		"	10.0		96.8	77-138		11.8	30	
Tetrachloroethylene	6.7		"	10.0		67.3	82-131	Low Bias	8.36	30	
Toluene	10		"	10.0		102	80-127		8.37	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		8.24	30	
trans-1,3-Dichloropropylene	7.8		"	10.0		77.9	78-131	Low Bias	0.386	30	
trans-1,4-dichloro-2-butene	7.8		"	10.0		77.6	63-141		6.80	30	
Trichloroethylene	9.8		"	10.0		98.0	82-128		7.63	30	
Trichlorofluoromethane	10		"	10.0		99.9	67-139		9.21	30	
Vinyl Chloride	11		"	10.0		105	58-145		9.78	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.87		"	10.0		98.7	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	10.3		"	10.0		103	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	9.95		"	10.0		99.5	79-122				

Batch BE10015 - EPA 5030B

Blank (BE10015-BLK1)											
Prepared & Analyzed: 05/03/2021											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10015 - EPA 5030B

Blank (BE10015-BLK1)

Prepared & Analyzed: 05/03/2021

Bromochloromethane	ND	0.50	ug/L								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURRE: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.86		"	10.0		98.6	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BE10015 - EPA 5030B										
LCS (BE10015-BS1)										
Prepared & Analyzed: 05/03/2021										
1,1,1,2-Tetrachloroethane	8.7		ug/L	10.0		86.6	82-126			
1,1,1-Trichloroethane	9.3		"	10.0		92.9	78-136			
1,1,2,2-Tetrachloroethane	8.5		"	10.0		84.8	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.8		"	10.0		98.3	54-165			
1,1,2-Trichloroethane	8.3		"	10.0		83.1	82-123			
1,1-Dichloroethane	9.1		"	10.0		91.4	82-129			
1,1-Dichloroethylene	9.7		"	10.0		96.6	68-138			
1,2,3-Trichlorobenzene	7.2		"	10.0		71.8	40-130			
1,2,3-Trichloropropane	8.3		"	10.0		83.0	77-128			
1,2,4-Trichlorobenzene	8.2		"	10.0		82.5	65-137			
1,2,4-Trimethylbenzene	10		"	10.0		99.7	82-132			
1,2-Dibromo-3-chloropropane	6.2		"	10.0		62.2	45-147			
1,2-Dibromoethane	8.0		"	10.0		80.4	83-124	Low Bias		
1,2-Dichlorobenzene	9.3		"	10.0		92.6	79-123			
1,2-Dichloroethane	8.7		"	10.0		86.6	73-132			
1,2-Dichloropropane	9.2		"	10.0		91.7	78-126			
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131			
1,3-Dichlorobenzene	9.6		"	10.0		95.8	86-130			
1,4-Dichlorobenzene	9.6		"	10.0		96.1	85-130			
1,4-Dioxane	230		"	210		109	10-349			
2-Butanone	7.4		"	10.0		73.9	49-152			
2-Hexanone	5.5		"	10.0		55.2	51-146			
4-Methyl-2-pentanone	5.6		"	10.0		55.6	57-145	Low Bias		
Acetone	4.1		"	10.0		41.4	14-150			
Acrolein	9.5		"	10.0		94.7	10-153			
Acrylonitrile	7.6		"	10.0		76.0	51-150			
Benzene	9.5		"	10.0		95.2	85-126			
Bromochloromethane	8.7		"	10.0		87.2	77-128			
Bromodichloromethane	8.7		"	10.0		87.3	79-128			
Bromoform	6.6		"	10.0		66.1	78-133	Low Bias		
Bromomethane	16		"	10.0		159	43-168			
Carbon disulfide	9.2		"	10.0		91.6	68-146			
Carbon tetrachloride	8.8		"	10.0		88.4	77-141			
Chlorobenzene	9.5		"	10.0		95.1	88-120			
Chloroethane	11		"	10.0		112	65-136			
Chloroform	9.2		"	10.0		92.1	82-128			
Chloromethane	9.6		"	10.0		96.3	43-155			
cis-1,2-Dichloroethylene	9.3		"	10.0		93.1	83-129			
cis-1,3-Dichloropropylene	8.5		"	10.0		85.4	80-131			
Cyclohexane	9.6		"	10.0		95.7	63-149			
Dibromochloromethane	7.7		"	10.0		76.8	80-130	Low Bias		
Dibromomethane	8.3		"	10.0		83.4	72-134			
Dichlorodifluoromethane	12		"	10.0		116	44-144			
Ethyl Benzene	9.8		"	10.0		98.4	80-131			
Hexachlorobutadiene	7.7		"	10.0		76.9	67-146			
Isopropylbenzene	10		"	10.0		102	76-140			
Methyl acetate	7.7		"	10.0		77.3	51-139			
Methyl tert-butyl ether (MTBE)	7.3		"	10.0		73.2	76-135	Low Bias		
Methylcyclohexane	9.4		"	10.0		94.1	72-143			
Methylene chloride	8.1		"	10.0		81.3	55-137			



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10015 - EPA 5030B											
LCS (BE10015-BS1)											
Prepared & Analyzed: 05/03/2021											
n-Butylbenzene	9.6		ug/L	10.0		96.2	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	9.4		"	10.0		94.2	78-130				
p- & m- Xylenes	20		"	20.0		98.2	77-133				
p-Isopropyltoluene	9.8		"	10.0		97.9	81-136				
sec-Butylbenzene	10		"	10.0		103	79-137				
Styrene	9.2		"	10.0		91.7	67-132				
tert-Butyl alcohol (TBA)	35		"	50.0		69.7	25-162				
tert-Butylbenzene	9.3		"	10.0		92.9	77-138				
Tetrachloroethylene	6.6		"	10.0		66.2	82-131	Low Bias			
Toluene	10		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	7.7		"	10.0		77.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	7.6		"	10.0		76.1	63-141				
Trichloroethylene	9.7		"	10.0		96.7	82-128				
Trichlorofluoromethane	9.8		"	10.0		97.9	67-139				
Vinyl Chloride	11		"	10.0		106	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.36</i>		<i>"</i>	<i>10.0</i>		<i>93.6</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				
LCS Dup (BE10015-BSD1)											
Prepared & Analyzed: 05/03/2021											
1,1,1,2-Tetrachloroethane	9.0		ug/L	10.0		89.8	82-126		3.63	30	
1,1,1-Trichloroethane	9.3		"	10.0		92.8	78-136		0.108	30	
1,1,2,2-Tetrachloroethane	9.4		"	10.0		93.9	76-129		10.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.8		"	10.0		97.5	54-165		0.817	30	
1,1,2-Trichloroethane	9.4		"	10.0		93.5	82-123		11.8	30	
1,1-Dichloroethane	9.1		"	10.0		91.3	82-129		0.109	30	
1,1-Dichloroethylene	9.4		"	10.0		93.6	68-138		3.15	30	
1,2,3-Trichlorobenzene	8.8		"	10.0		87.9	40-130		20.2	30	
1,2,3-Trichloropropane	8.9		"	10.0		88.8	77-128		6.75	30	
1,2,4-Trichlorobenzene	9.5		"	10.0		94.8	65-137		13.9	30	
1,2,4-Trimethylbenzene	9.5		"	10.0		94.7	82-132		5.14	30	
1,2-Dibromo-3-chloropropane	7.7		"	10.0		76.9	45-147		21.1	30	
1,2-Dibromoethane	9.0		"	10.0		90.4	83-124		11.7	30	
1,2-Dichlorobenzene	9.6		"	10.0		95.6	79-123		3.19	30	
1,2-Dichloroethane	9.4		"	10.0		94.3	73-132		8.51	30	
1,2-Dichloropropane	9.1		"	10.0		90.8	78-126		0.986	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		95.5	80-131		6.68	30	
1,3-Dichlorobenzene	9.5		"	10.0		94.9	86-130		0.944	30	
1,4-Dichlorobenzene	9.5		"	10.0		94.7	85-130		1.47	30	
1,4-Dioxane	270		"	210		131	10-349		17.9	30	
2-Butanone	9.0		"	10.0		90.1	49-152		19.8	30	
2-Hexanone	7.1		"	10.0		70.6	51-146		24.5	30	
4-Methyl-2-pentanone	7.1		"	10.0		71.3	57-145		24.7	30	
Acetone	5.2		"	10.0		51.5	14-150		21.7	30	
Acrolein	12		"	10.0		118	10-153		22.0	30	
Acrylonitrile	9.6		"	10.0		96.2	51-150		23.5	30	
Benzene	9.6		"	10.0		95.5	85-126		0.315	30	
Bromochloromethane	9.3		"	10.0		93.2	77-128		6.65	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10015 - EPA 5030B

LCS Dup (BE10015-BSD1)

Prepared & Analyzed: 05/03/2021

Bromodichloromethane	9.0		ug/L	10.0		90.2	79-128		3.27	30	
Bromoform	7.8		"	10.0		77.8	78-133	Low Bias	16.3	30	
Bromomethane	14		"	10.0		142	43-168		11.6	30	
Carbon disulfide	9.0		"	10.0		89.7	68-146		2.10	30	
Carbon tetrachloride	8.8		"	10.0		88.1	77-141		0.340	30	
Chlorobenzene	9.4		"	10.0		94.1	88-120		1.06	30	
Chloroethane	11		"	10.0		109	65-136		2.08	30	
Chloroform	9.4		"	10.0		93.7	82-128		1.72	30	
Chloromethane	9.8		"	10.0		98.5	43-155		2.26	30	
cis-1,2-Dichloroethylene	9.4		"	10.0		93.5	83-129		0.429	30	
cis-1,3-Dichloropropylene	8.9		"	10.0		88.7	80-131		3.79	30	
Cyclohexane	9.6		"	10.0		95.5	63-149		0.209	30	
Dibromochloromethane	8.4		"	10.0		84.5	80-130		9.55	30	
Dibromomethane	9.1		"	10.0		91.1	72-134		8.83	30	
Dichlorodifluoromethane	11		"	10.0		114	44-144		0.956	30	
Ethyl Benzene	9.5		"	10.0		95.4	80-131		3.10	30	
Hexachlorobutadiene	8.6		"	10.0		86.4	67-146		11.6	30	
Isopropylbenzene	9.2		"	10.0		91.7	76-140		10.2	30	
Methyl acetate	9.4		"	10.0		93.6	51-139		19.1	30	
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		91.4	76-135		22.1	30	
Methylcyclohexane	9.3		"	10.0		92.6	72-143		1.61	30	
Methylene chloride	8.3		"	10.0		82.9	55-137		1.95	30	
n-Butylbenzene	9.6		"	10.0		96.5	79-132		0.311	30	
n-Propylbenzene	9.4		"	10.0		93.6	78-133		9.08	30	
o-Xylene	9.4		"	10.0		93.7	78-130		0.532	30	
p- & m- Xylenes	19		"	20.0		95.9	77-133		2.32	30	
p-Isopropyltoluene	9.6		"	10.0		95.5	81-136		2.48	30	
sec-Butylbenzene	9.9		"	10.0		99.0	79-137		4.35	30	
Styrene	9.4		"	10.0		93.5	67-132		1.94	30	
tert-Butyl alcohol (TBA)	49		"	50.0		98.7	25-162		34.4	30	Non-dir.
tert-Butylbenzene	8.8		"	10.0		88.0	77-138		5.42	30	
Tetrachloroethylene	6.4		"	10.0		63.9	82-131	Low Bias	3.54	30	
Toluene	9.7		"	10.0		97.2	80-127		3.24	30	
trans-1,2-Dichloroethylene	9.7		"	10.0		97.0	80-132		3.35	30	
trans-1,3-Dichloropropylene	8.5		"	10.0		84.8	78-131		9.12	30	
trans-1,4-dichloro-2-butene	10		"	10.0		102	63-141		28.6	30	
Trichloroethylene	9.2		"	10.0		92.0	82-128		4.98	30	
Trichlorofluoromethane	9.7		"	10.0		96.7	67-139		1.23	30	
Vinyl Chloride	10		"	10.0		103	58-145		3.05	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: Surr: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.67		"	10.0		96.7	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

Blank (BE10100-BLK1)

Prepared & Analyzed: 05/04/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	0.46	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	1.2	2.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

Blank (BE10100-BLK1)

Prepared & Analyzed: 05/04/2021

n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.99		"	10.0		99.9	69-130				
Surrogate: SURRE: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

LCS (BE10100-BS1)

Prepared & Analyzed: 05/04/2021

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		99.9	82-126				
1,1,1-Trichloroethane	10		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		109	54-165				
1,1,2-Trichloroethane	9.8		"	10.0		97.7	82-123				
1,1-Dichloroethane	9.8		"	10.0		97.5	82-129				
1,1-Dichloroethylene	10		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	8.7		"	10.0		86.9	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		98.1	77-128				
1,2,4-Trichlorobenzene	9.6		"	10.0		95.7	65-137				
1,2,4-Trimethylbenzene	9.6		"	10.0		96.4	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	9.8		"	10.0		98.4	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.4	79-123				
1,2-Dichloroethane	10		"	10.0		101	73-132				
1,2-Dichloropropane	9.6		"	10.0		96.5	78-126				
1,3,5-Trimethylbenzene	9.6		"	10.0		96.3	80-131				
1,3-Dichlorobenzene	9.7		"	10.0		97.2	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		98.5	85-130				
1,4-Dioxane	200		"	210		95.2	10-349				
2-Butanone	7.8		"	10.0		78.0	49-152				
2-Hexanone	9.2		"	10.0		91.5	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	5.4		"	10.0		54.5	14-150				
Acrolein	13		"	10.0		130	10-153				
Acrylonitrile	11		"	10.0		108	51-150				
Benzene	10		"	10.0		101	85-126				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

LCS (BE10100-BS1)

Prepared & Analyzed: 05/04/2021

Bromochloromethane	10		ug/L	10.0		101	77-128			
Bromodichloromethane	9.9		"	10.0		98.8	79-128			
Bromoform	10		"	10.0		102	78-133			
Bromomethane	15		"	10.0		150	43-168			
Carbon disulfide	10		"	10.0		104	68-146			
Carbon tetrachloride	10		"	10.0		102	77-141			
Chlorobenzene	9.7		"	10.0		97.1	88-120			
Chloroethane	11		"	10.0		112	65-136			
Chloroform	9.8		"	10.0		97.8	82-128			
Chloromethane	9.0		"	10.0		89.5	43-155			
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129			
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131			
Cyclohexane	10		"	10.0		103	63-149			
Dibromochloromethane	10		"	10.0		102	80-130			
Dibromomethane	9.9		"	10.0		98.6	72-134			
Dichlorodifluoromethane	8.6		"	10.0		86.4	44-144			
Ethyl Benzene	10		"	10.0		101	80-131			
Hexachlorobutadiene	8.1		"	10.0		81.0	67-146			
Isopropylbenzene	9.4		"	10.0		94.5	76-140			
Methyl acetate	9.7		"	10.0		97.3	51-139			
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.8	76-135			
Methylcyclohexane	10		"	10.0		101	72-143			
Methylene chloride	11		"	10.0		109	55-137			
n-Butylbenzene	8.3		"	10.0		83.2	79-132			
n-Propylbenzene	9.6		"	10.0		96.0	78-133			
o-Xylene	9.8		"	10.0		97.8	78-130			
p- & m- Xylenes	20		"	20.0		101	77-133			
p-Isopropyltoluene	9.8		"	10.0		98.2	81-136			
sec-Butylbenzene	10		"	10.0		99.9	79-137			
Styrene	10		"	10.0		104	67-132			
tert-Butyl alcohol (TBA)	54		"	50.0		108	25-162			
tert-Butylbenzene	9.3		"	10.0		92.8	77-138			
Tetrachloroethylene	5.3		"	10.0		53.1	82-131	Low Bias		
Toluene	10		"	10.0		99.7	80-127			
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132			
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131			
trans-1,4-dichloro-2-butene	9.5		"	10.0		94.9	63-141			
Trichloroethylene	9.0		"	10.0		89.5	82-128			
Trichlorofluoromethane	11		"	10.0		115	67-139			
Vinyl Chloride	9.8		"	10.0		98.2	58-145			
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>69-130</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>81-117</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>79-122</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10100 - EPA 5030B											
LCS Dup (BE10100-BSD1)											
Prepared & Analyzed: 05/04/2021											
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126		2.96	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		4.07	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129		1.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		114	54-165		4.58	30	
1,1,2-Trichloroethane	9.9		"	10.0		98.6	82-123		0.917	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		4.61	30	
1,1-Dichloroethylene	11		"	10.0		106	68-138		3.35	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		94.1	40-130		7.96	30	
1,2,3-Trichloropropane	9.9		"	10.0		99.3	77-128		1.22	30	
1,2,4-Trichlorobenzene	10		"	10.0		100	65-137		4.69	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		5.65	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		103	45-147		0.877	30	
1,2-Dibromoethane	10		"	10.0		99.8	83-124		1.41	30	
1,2-Dichlorobenzene	10		"	10.0		100	79-123		3.87	30	
1,2-Dichloroethane	10		"	10.0		102	73-132		0.197	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		4.36	30	
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131		4.96	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-130		3.44	30	
1,4-Dichlorobenzene	10		"	10.0		101	85-130		2.61	30	
1,4-Dioxane	200		"	210		97.5	10-349		2.34	30	
2-Butanone	8.0		"	10.0		79.8	49-152		2.28	30	
2-Hexanone	9.2		"	10.0		92.3	51-146		0.871	30	
4-Methyl-2-pentanone	10		"	10.0		103	57-145		1.18	30	
Acetone	5.4		"	10.0		53.9	14-150		1.11	30	
Acrolein	13		"	10.0		130	10-153		0.307	30	
Acrylonitrile	11		"	10.0		109	51-150		1.47	30	
Benzene	11		"	10.0		106	85-126		4.84	30	
Bromochloromethane	10		"	10.0		102	77-128		1.28	30	
Bromodichloromethane	10		"	10.0		103	79-128		4.55	30	
Bromoform	10		"	10.0		104	78-133		2.13	30	
Bromomethane	10		"	10.0		104	43-168		36.6	30	Non-dir.
Carbon disulfide	10		"	10.0		105	68-146		1.06	30	
Carbon tetrachloride	11		"	10.0		107	77-141		5.46	30	
Chlorobenzene	10		"	10.0		101	88-120		4.33	30	
Chloroethane	10		"	10.0		104	65-136		7.25	30	
Chloroform	10		"	10.0		102	82-128		4.20	30	
Chloromethane	9.5		"	10.0		94.8	43-155		5.75	30	
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129		3.55	30	
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131		1.92	30	
Cyclohexane	11		"	10.0		108	63-149		5.21	30	
Dibromochloromethane	10		"	10.0		104	80-130		1.75	30	
Dibromomethane	10		"	10.0		101	72-134		2.01	30	
Dichlorodifluoromethane	9.1		"	10.0		91.0	44-144		5.19	30	
Ethyl Benzene	11		"	10.0		105	80-131		4.28	30	
Hexachlorobutadiene	9.0		"	10.0		90.4	67-146		11.0	30	
Isopropylbenzene	9.9		"	10.0		99.1	76-140		4.75	30	
Methyl acetate	9.8		"	10.0		98.0	51-139		0.717	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		1.98	30	
Methylcyclohexane	11		"	10.0		108	72-143		6.63	30	
Methylene chloride	11		"	10.0		111	55-137		2.36	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

LCS Dup (BE10100-BSD1)

Prepared & Analyzed: 05/04/2021

n-Butylbenzene	9.1		ug/L	10.0		90.9	79-132		8.85	30	
n-Propylbenzene	10		"	10.0		101	78-133		5.37	30	
o-Xylene	10		"	10.0		102	78-130		4.30	30	
p- & m- Xylenes	21		"	20.0		106	77-133		4.84	30	
p-Isopropyltoluene	10		"	10.0		105	81-136		6.60	30	
sec-Butylbenzene	11		"	10.0		107	79-137		6.96	30	
Styrene	11		"	10.0		108	67-132		3.77	30	
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162		1.62	30	
tert-Butylbenzene	9.9		"	10.0		98.9	77-138		6.36	30	
Tetrachloroethylene	5.6		"	10.0		56.0	82-131	Low Bias	5.32	30	
Toluene	10		"	10.0		104	80-127		4.03	30	
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		4.16	30	
trans-1,3-Dichloropropylene	11		"	10.0		105	78-131		1.05	30	
trans-1,4-dichloro-2-butene	9.8		"	10.0		98.1	63-141		3.32	30	
Trichloroethylene	9.4		"	10.0		93.8	82-128		4.69	30	
Trichlorofluoromethane	11		"	10.0		111	67-139		3.46	30	
Vinyl Chloride	10		"	10.0		103	58-145		4.87	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.88</i>		<i>"</i>	<i>10.0</i>		<i>98.8</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>79-122</i>				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10084 - EPA 3535A											
Blank (BE10084-BLK1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	ND	0.300	ug/L								
<i>Surrogate: 1,4-Dioxane-d8</i>	3.36		"	4.00		84.0	36.6-118				
LCS (BE10084-BS1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	4.40	0.300	ug/L	4.00		110	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	36.6-118				
Matrix Spike (BE10084-MS1)											*Source sample: 21D1378-02 (Matrix Spike) Prepared & Analyzed: 05/04/2021
1,4-Dioxane	5.65	0.300	ug/L	4.00	1.14	113	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.72		"	4.00		68.0	50-130				
Matrix Spike Dup (BE10084-MSD1)											*Source sample: 21D1378-02 (Matrix Spike Dup) Prepared & Analyzed: 05/04/2021
1,4-Dioxane	5.60	0.300	ug/L	4.00	1.14	112	50-130		0.853	30	
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

Blank (BE10061-BLK1)

Prepared: 05/03/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	73.3		"	74.3		98.6	25-150				
Surrogate: M5PFHxA	77.7		"	80.0		97.2	25-150				
Surrogate: M4PFHpA	108		"	80.0		135	25-150				
Surrogate: M3PFHxS	74.2		"	75.7		98.1	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.8		"	80.0		101	25-150				
Surrogate: M6PFDA	91.3		"	80.0		114	25-150				
Surrogate: M7PFUdA	88.2		"	80.0		110	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.8		"	80.0		94.7	25-150				
Surrogate: M2PFTeDA	34.8		"	80.0		43.5	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.3		"	80.0		97.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	85.4		"	76.6		112	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	78.7		"	80.0		98.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	29.8		"	80.0		37.2	10-150				
Surrogate: d3-N-MeFOSAA	80.2		"	80.0		100	25-150				
Surrogate: d5-N-EtFOSAA	93.4		"	80.0		117	25-150				
Surrogate: M2-6:2 FTS	70.9		"	75.9		93.4	25-150				
Surrogate: M2-8:2 FTS	95.9		"	76.6		125	25-150				
Surrogate: M9PFNA	92.2		"	80.0		115	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

LCS (BE10061-BS1)

Prepared: 05/03/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.9	2.00	ng/L	76.8		109	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	78.7	5.00	"	76.0		104	50-130				
N-EtFOSAA	85.1	2.00	"	80.0		106	50-130				
N-MeFOSAA	79.9	2.00	"	80.0		99.9	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	83.3	2.00	"	77.2		108	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.8	2.00	"	76.0		109	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	94.6	2.00	"	80.0		118	50-130				
Perfluorobutanesulfonic acid (PFBS)	84.7	2.00	"	70.8		120	50-130				
Perfluorodecanoic acid (PFDA)	84.9	2.00	"	80.0		106	50-130				
Perfluorododecanoic acid (PFDoA)	85.9	2.00	"	80.0		107	50-130				
Perfluoroheptanoic acid (PFHpA)	73.2	2.00	"	80.0		91.5	50-130				
Perfluorohexanesulfonic acid (PFHxS)	85.6	2.00	"	73.0		117	50-130				
Perfluorohexanoic acid (PFHxA)	90.0	2.00	"	80.0		112	50-130				
Perfluoro-n-butanoic acid (PFBA)	92.9	2.00	"	80.0		116	50-130				
Perfluorononanoic acid (PFNA)	85.4	2.00	"	80.0		107	50-130				
Perfluorooctanesulfonic acid (PFOS)	82.7	2.00	"	74.1		112	50-130				
Perfluorooctanoic acid (PFOA)	95.7	2.00	"	80.0		120	50-130				
Perfluoropentanoic acid (PFPeA)	84.8	2.00	"	80.0		106	50-130				
Perfluorotetradecanoic acid (PFTA)	84.2	2.00	"	80.0		105	50-130				
Perfluorotridecanoic acid (PFTTrDA)	79.4	2.00	"	80.0		99.2	50-130				
Perfluoroundecanoic acid (PFUnA)	84.1	2.00	"	80.0		105	50-130				
Surrogate: M3PFBS	71.4		"	74.3		96.1	25-150				
Surrogate: M5PFHxA	77.1		"	80.0		96.4	25-150				
Surrogate: M4PFHpA	106		"	80.0		133	25-150				
Surrogate: M3PFHxS	75.5		"	75.7		99.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	82.5		"	80.0		103	25-150				
Surrogate: M6PFDA	91.6		"	80.0		115	25-150				
Surrogate: M7PFUdA	94.5		"	80.0		118	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	101		"	80.0		126	25-150				
Surrogate: M2PFTeDA	70.5		"	80.0		88.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.1		"	80.0		97.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	80.7		"	76.6		105	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	77.9		"	80.0		97.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	28.1		"	80.0		35.2	10-150				
Surrogate: d3-N-MeFOSAA	92.3		"	80.0		115	25-150				
Surrogate: d5-N-EtFOSAA	94.4		"	80.0		118	25-150				
Surrogate: M2-6:2 FTS	80.2		"	75.9		106	25-150				
Surrogate: M2-8:2 FTS	98.7		"	76.6		129	25-150				
Surrogate: M9PFNA	88.4		"	80.0		110	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

Matrix Spike (BE10061-MS1)	*Source sample: 21D1378-02 (Matrix Spike)							Prepared: 05/03/2021 Analyzed: 05/05/2021	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	93.0	2.00	ng/L	76.8	0.898	120	25-150		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.9	5.00	"	76.0	5.86	90.8	25-150		
N-EtFOSAA	80.4	2.00	"	80.0	ND	101	25-150		
N-MeFOSAA	63.3	2.00	"	80.0	ND	79.1	25-150		
Perfluoro-1-decanesulfonic acid (PFDS)	57.9	2.00	"	77.2	ND	75.0	25-150		
Perfluoro-1-heptanesulfonic acid (PFHpS)	77.9	2.00	"	76.0	ND	102	25-150		
Perfluoro-1-octanesulfonamide (FOSA)	84.4	2.00	"	80.0	ND	106	25-150		
Perfluorobutanesulfonic acid (PFBS)	79.4	2.00	"	70.8	0.891	111	25-150		
Perfluorodecanoic acid (PFDA)	81.1	2.00	"	80.0	1.32	99.7	25-150		
Perfluorododecanoic acid (PFDoA)	76.1	2.00	"	80.0	ND	95.1	25-150		
Perfluoroheptanoic acid (PFHpA)	71.3	2.00	"	80.0	2.49	86.1	25-150		
Perfluorohexanesulfonic acid (PFHxS)	85.6	2.00	"	73.0	8.43	106	25-150		
Perfluorohexanoic acid (PFHxA)	87.6	2.00	"	80.0	4.34	104	25-150		
Perfluoro-n-butanoic acid (PFBA)	86.7	2.00	"	80.0	4.46	103	25-150		
Perfluorononanoic acid (PFNA)	77.9	2.00	"	80.0	2.70	94.1	25-150		
Perfluorooctanesulfonic acid (PFOS)	85.8	2.00	"	74.1	12.9	98.4	25-150		
Perfluorooctanoic acid (PFOA)	92.7	2.00	"	80.0	6.11	108	25-150		
Perfluoropentanoic acid (PFPeA)	81.6	2.00	"	80.0	4.38	96.5	25-150		
Perfluorotetradecanoic acid (PFTA)	74.7	2.00	"	80.0	ND	93.4	25-150		
Perfluorotridecanoic acid (PFTTrDA)	67.1	2.00	"	80.0	ND	83.9	25-150		
Perfluoroundecanoic acid (PFUnA)	74.8	2.00	"	80.0	ND	93.5	25-150		
Surrogate: M3PFBS	87.2		"	74.3		117	25-150		
Surrogate: M5PFHxA	82.8		"	80.0		103	25-150		
Surrogate: M4PFHpA	101		"	80.0		126	25-150		
Surrogate: M3PFHxS	81.8		"	75.7		108	25-150		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.0		"	80.0		100	25-150		
Surrogate: M6PFDA	73.8		"	80.0		92.2	25-150		
Surrogate: M7PFUdA	65.1		"	80.0		81.4	25-150		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	53.2		"	80.0		66.5	25-150		
Surrogate: M2PFTeDA	51.1		"	80.0		63.8	10-150		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.0		"	80.0		120	25-150		
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.7		"	76.6		108	25-150		
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	91.2		"	80.0		114	25-150		
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	10.1		"	80.0		12.6	10-150		
Surrogate: d3-N-MeFOSAA	45.3		"	80.0		56.6	25-150		
Surrogate: d5-N-EtFOSAA	42.6		"	80.0		53.2	25-150		
Surrogate: M2-6:2 FTS	64.9		"	75.9		85.4	25-150		
Surrogate: M2-8:2 FTS	75.6		"	76.6		98.6	25-150		
Surrogate: M9PFNA	84.2		"	80.0		105	25-150		



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10061 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike Dup (BE10061-MSD1)	*Source sample: 21D1378-02 (Matrix Spike Dup)						Prepared: 05/03/2021 Analyzed: 05/05/2021				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	82.8	2.00	ng/L	76.8	0.898	107	25-150		11.6	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	72.4	5.00	"	76.0	5.86	87.6	25-150		3.37	35	
N-EtFOSAA	78.2	2.00	"	80.0	ND	97.7	25-150		2.85	35	
N-MeFOSAA	70.1	2.00	"	80.0	ND	87.6	25-150		10.2	35	
Perfluoro-1-decanesulfonic acid (PFDS)	67.8	2.00	"	77.2	ND	87.8	25-150		15.7	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.9	2.00	"	76.0	ND	106	25-150		3.85	35	
Perfluoro-1-octanesulfonamide (FOSA)	78.1	2.00	"	80.0	ND	97.6	25-150		7.80	35	
Perfluorobutanesulfonic acid (PFBS)	79.1	2.00	"	70.8	0.891	110	25-150		0.394	35	
Perfluorodecanoic acid (PFDA)	75.9	2.00	"	80.0	1.32	93.3	25-150		6.60	35	
Perfluorododecanoic acid (PFDoA)	77.2	2.00	"	80.0	ND	96.5	25-150		1.49	35	
Perfluoroheptanoic acid (PFHpA)	69.8	2.00	"	80.0	2.49	84.1	25-150		2.25	35	
Perfluorohexanesulfonic acid (PFHxS)	88.1	2.00	"	73.0	8.43	109	25-150		2.88	35	
Perfluorohexanoic acid (PFHxA)	87.1	2.00	"	80.0	4.34	104	25-150		0.552	35	
Perfluoro-n-butanoic acid (PFBA)	87.9	2.00	"	80.0	4.46	104	25-150		1.43	35	
Perfluorononanoic acid (PFNA)	81.9	2.00	"	80.0	2.70	99.0	25-150		4.95	35	
Perfluorooctanesulfonic acid (PFOS)	86.2	2.00	"	74.1	12.9	99.0	25-150		0.510	35	
Perfluorooctanoic acid (PFOA)	92.1	2.00	"	80.0	6.11	108	25-150		0.646	35	
Perfluoropentanoic acid (PFPeA)	81.7	2.00	"	80.0	4.38	96.6	25-150		0.112	35	
Perfluorotetradecanoic acid (PFTA)	76.9	2.00	"	80.0	ND	96.1	25-150		2.86	35	
Perfluorotridecanoic acid (PFTrDA)	84.9	2.00	"	80.0	ND	106	25-150		23.3	35	
Perfluoroundecanoic acid (PFUnA)	73.9	2.00	"	80.0	ND	92.4	25-150		1.13	35	
Surrogate: M3PFBS	80.8		"	74.3		109	25-150				
Surrogate: M5PFHxA	77.1		"	80.0		96.4	25-150				
Surrogate: M4PFHpA	93.2		"	80.0		116	25-150				
Surrogate: M3PFHxS	77.1		"	75.7		102	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	74.3		"	80.0		92.8	25-150				
Surrogate: M6PFDA	67.2		"	80.0		84.0	25-150				
Surrogate: M7PFUdA	57.7		"	80.0		72.1	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	57.0		"	80.0		71.2	25-150				
Surrogate: M2PFTeDA	60.8		"	80.0		76.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.2		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	81.9		"	76.6		107	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.8		"	80.0		105	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7.16		"	80.0		8.95	10-150				
Surrogate: d3-N-MeFOSAA	45.2		"	80.0		56.5	25-150				
Surrogate: d5-N-EtFOSAA	48.4		"	80.0		60.5	25-150				
Surrogate: M2-6:2 FTS	69.8		"	75.9		91.9	25-150				
Surrogate: M2-8:2 FTS	98.1		"	76.6		128	25-150				
Surrogate: M9PFNA	69.3		"	80.0		86.6	25-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10004 - Preparation for GC Analysis											
Blank (BE10004-BLK1)										Prepared & Analyzed: 05/03/2021	
Ethylene Glycol	ND	10.0	mg/L								
Propylene Glycol	ND	10.0	"								
<i>Surrogate: 1,4-Butanediol</i>	83.9		"	100		83.9	30-130				
LCS (BE10004-BS1)										Prepared & Analyzed: 05/03/2021	
Ethylene Glycol	46.3	10.0	mg/L	50.0		92.6	60-140				
Propylene Glycol	49.6	10.0	"	50.0		99.1	60-140				
<i>Surrogate: 1,4-Butanediol</i>	58.9		"	50.0		118	30-130				
Matrix Spike (BE10004-MS1)										*Source sample: 21D1378-02 (Matrix Spike) Prepared: 05/03/2021 Analyzed: 05/07/2021	
Ethylene Glycol	43.4	10.0	mg/L	50.0	10.4	66.0	60-140				
Propylene Glycol	55.0	10.0	"	50.0	11.4	87.2	60-140				
<i>Surrogate: 1,4-Butanediol</i>	61.1		"	50.0		122	30-130				
Matrix Spike Dup (BE10004-MSD1)										*Source sample: 21D1378-02 (Matrix Spike Dup) Prepared: 05/03/2021 Analyzed: 05/07/2021	
Ethylene Glycol	40.7	10.0	mg/L	50.0	10.4	60.5	60-140		6.45	200	
Propylene Glycol	53.8	10.0	"	50.0	11.4	84.8	60-140		2.21	200	
<i>Surrogate: 1,4-Butanediol</i>	54.2		"	50.0		108	30-130				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21D1374-01	Hanger E MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-02	Hanger E MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-03	Hanger E MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-05	FMW-39	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-06	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-07	MW-10S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-08	MW-17S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-09	FMW-2R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-10	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1374-11	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.
21D1374

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page **1** of **2**

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company	WSPWA	Company		Company		31402218 000 W160		RUSH - Next Day	
Address	500 S. 2nd St. 2nd Fl. Valhalla, NY	Address		Address		YOUR Project Name Westerchester County Airport (WCA)		RUSH - Two Day	
Phone	914 461 2961	Phone		Phone	same			RUSH - Three Day	
Contact	John Benvenuti	Contact		Contact				RUSH - Four Day	
E-mail	John.Benvenuti@wspwa.com	E-mail		E-mail				Standard (5-7 Day)	<input checked="" type="checkbox"/>

YOUR PO#:

Samples Collected by: (print your name above and sign below) Mike Reifel	Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp Compared to the following Regulation(s): (please fill in)
	S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other	New York New Jersey Connecticut Pennsylvania Other	Summary Report QA Report NY ASP A Package NY ASP B Package	CT RCP CT RCP DQA/DUE NJDEP Reduced Deliverables NJDEP SRP HazSite Other	Standard Excel EDD EQUIS (Standard) NYSDEC EQUIS NJDEP SRP HazSite Other	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptors
Hanger E MW-1	GW	4/28/21 0925	EPA 817 8260 Full list 1,4 Dioxine (only)	ZP 3(A)(1)(4) ZU X X X X X X
Hanger E MW-2		0940		X X X X X X
Hanger E MW-4		0955		X X X X X X
FMW-24		1040		X X X X X X
FMW-39		1105		X X X X X X
MW-75		1140		X X X X X X
MW-105		1230		X X X X X X
MP-175		1310		X X X X X X
FMW-22		1355		X X X X X X

Comments:

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

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Field Filtered Lab to Filter
[Signature]	4/28/21 1430	Chic	4-29-21 1500	
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Temp. Received at Lab
[Signature]				1.9



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

YORK
 ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

2101374

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 2 of 4

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company	WSPWA	Company		Company		3402218 000 W100		RUSH - Next Day	
Address	500 Garrison Pl. 4th Fl.	Address		Address		Westchester County		RUSH - Two Day	
Phone	914 461 2964	Phone		Phone		Airport (WCA)		RUSH - Three Day	
Contact	John Benajon	Contact		Contact				RUSH - Four Day	
E-mail	John.Benajon@wspwa.com	E-mail		E-mail				Standard (5-7 Day) <input checked="" type="checkbox"/>	

YOUR PO#:

Matrix Codes: S - soil / solid, GW - groundwater, DW - drinking water, WW - wastewater, O - Oil / Other

Report / EDD Type (circle selections): Summary Report, QA Report, NY ASP A Package, NY ASP B Package, CT RCP, CT RCP DQA/DUE, NJDEP Reduced Deliverables, NJDKQP, Standard Excel EDD, EQULS (Standard), NYSDEP EQULS, NJDEP SRP HazSite, Other

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Field Blank	DW	4/28 1415	X	X
Trip Blank	↓		X	X

Comments:

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

Date/Time: 4-29-21 13:00
 Date/Time: 4-29-21 1500

Field Filtered Lab to Filter

Samples Received by / Company: 4/28/21 1430
 Samples Relinquished by / Company: Chick

Samples Received in LAB by: 79 gal 4/29/21 1500
 Temp. Received at Lab: 1.9



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/07/2021
Client Project ID: 31402218.000 01.00 Westchester County Airport
York Project (SDG) No.: 21D1378

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

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/07/2021
Client Project ID: 31402218.000 01.00 Westchester County Airport
York Project (SDG) No.: 21D1378

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

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 April 29, 2021 and listed below. The project was identified as your project: **31402218.000 01.00 Westchester County Airport.**

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>
21D1378-01	XDDMW-10	Water	04/29/2021	04/29/2021
21D1378-02	XDDMW-11	Water	04/29/2021	04/29/2021
21D1378-03	FMW-35	Water	04/29/2021	04/29/2021
21D1378-04	FMW-40	Water	04/29/2021	04/29/2021
21D1378-05	Field Duplicate	Water	04/29/2021	04/29/2021
21D1378-06	FMW-12	Water	04/29/2021	04/29/2021
21D1378-07	FMW-36	Water	04/29/2021	04/29/2021
21D1378-08	FMW-31	Water	04/29/2021	04/29/2021
21D1378-09	Field Blank	Water	04/29/2021	04/29/2021
21D1378-10	Trip Blank	Water	04/29/2021	04/29/2021

General Notes for York Project (SDG) No.: 21D1378

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:



Benjamin Gulizia
Laboratory Director

Date: 05/07/2021





Sample Information

Client Sample ID: XDDMW-10

York Sample ID: 21D1378-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 10:15 am	04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-34-3	1,1-Dichloroethane	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD



Sample Information

Client Sample ID: XDDMW-10

York Sample ID: 21D1378-01

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 10:15 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
156-59-2	cis-1,2-Dichloroethylene	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD



Sample Information

Client Sample ID: XDDMW-10

York Sample ID: 21D1378-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 10:15 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
156-60-5	trans-1,2-Dichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 16:25	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 16:25	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 16:25	PD

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: XDDMW-10

York Sample ID: 21D1378-01

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 21D1378, 31402218.000 01.00 Westchester County Airport, Water, April 29, 2021 10:15 am, 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include surrogate results for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 21D1378, 31402218.000 01.00 Westchester County Airport, Water, April 29, 2021 9:50 am, 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various volatile organic compounds such as Tetrachloroethane, Trichloroethane, and Dichloroethane, all with ND results.



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 9:50 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like 1,2-Dichloroethane, 1,2-Dichloropropane, etc., with their respective results and analysis details.



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 9:50 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 9:50 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 20:53	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:53	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 20:53	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.5 %			79-122						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	1.14		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 19:23	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	84.0 %			36.6-118					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.86		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 9:50 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.49		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	8.43		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	4.34		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	4.46		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.70		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	12.9		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	6.11		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	4.38		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 01:19	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	101 %	25-150
Surrogate: M5PFHxA	92.6 %	25-150
Surrogate: M4PFHpA	119 %	25-150
Surrogate: M3PFHxS	102 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	95.0 %	25-150
Surrogate: M6PFDA	98.7 %	25-150



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21D1378-02

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 9:50 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	86.1 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.9 %			25-150					
	Surrogate: M2PFTeDA	58.3 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	103 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	106 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	99.8 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	15.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	67.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	77.6 %			25-150					
	Surrogate: M2-6:2 FTS	88.7 %			25-150					
	Surrogate: M2-8:2 FTS	98.6 %			25-150					
	Surrogate: M9PFNA	98.6 %			25-150					

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 17:05	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 17:05	CM
	Surrogate Recoveries	Result					Acceptance Range			
110-63-4	Surrogate: 1,4-Butanediol	83.4 %					30-130			

Sample Information

Client Sample ID: FMW-35

York Sample ID: 21D1378-03

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 10:50 am	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

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



Sample Information

Client Sample ID: FMW-35

York Sample ID: 21D1378-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 10:50 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	5.95		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.45		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	74.0		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.38		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	13.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.21		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	91.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	19.6		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	5.29		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 02:26	WL



Sample Information

Client Sample ID: FMW-35

York Sample ID: 21D1378-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 10:50 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	120 %								
	Surrogate: M5PFHxA	125 %								
	Surrogate: M4PFHpA	137 %								
	Surrogate: M3PFHxS	101 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	105 %								
	Surrogate: M6PFDA	105 %								
	Surrogate: M7PFUDA	90.4 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	78.0 %								
	Surrogate: M2PFTeDA	74.1 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	126 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	87.5 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	118 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	21.5 %								
	Surrogate: d3-N-MeFOSAA	67.3 %								
	Surrogate: d5-N-EtFOSAA	88.3 %								
	Surrogate: M2-6:2 FTS	66.1 %								
	Surrogate: M2-8:2 FTS	109 %								
	Surrogate: M9PFNA	96.3 %								

Sample Information

Client Sample ID: FMW-40

York Sample ID: 21D1378-04

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 11:00 am	04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD



Sample Information

Client Sample ID: FMW-40

York Sample ID: 21D1378-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:00 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD



Sample Information

Client Sample ID: FMW-40

York Sample ID: 21D1378-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:00 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD



Sample Information

Client Sample ID: FMW-40

York Sample ID: 21D1378-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:00 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 21:20	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:20	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 21:20	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	69-130
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.1 %	79-122



Sample Information

Client Sample ID: FMW-40

York Sample ID: 21D1378-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:00 am

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	24.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	19.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	2.50		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	37.4		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	439		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:31	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	66.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	39.1		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
375-95-1	* Perfluorononanoic acid (PFNA)	182		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:31	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	873		ng/L	20.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:31	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	69.1		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	75.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	5.70		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:11	WL



Sample Information

Client Sample ID: FMW-40					York Sample ID: 21D1378-04
<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 11:00 am	<u>Date Received</u> 04/29/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	121 %								
	Surrogate: M5PFHxA	120 %								
	Surrogate: M4PFHpA	155 %	PFSu-H							
	Surrogate: M3PFHxS	107 %								
	Surrogate: M3PFHxS	93.3 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	104 %								
	Surrogate: M6PFDA	108 %								
	Surrogate: M7PFUDA	98.4 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	89.3 %								
	Surrogate: M2PFTeDA	83.1 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	54.3 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	121 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	72.6 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	108 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.73 %	PFSu-L							
	Surrogate: d3-N-MeFOSAA	79.0 %								
	Surrogate: d5-N-EtFOSAA	101 %								
	Surrogate: M2-6:2 FTS	72.6 %								
	Surrogate: M2-8:2 FTS	109 %								
	Surrogate: M9PFNA	110 %								
	Surrogate: M9PFNA	78.1 %								

Sample Information

Client Sample ID: Field Duplicate					York Sample ID: 21D1378-05
<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1378-05

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1378-05

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1378-05

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 21:47	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 21:47	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 21:47	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	81-117								



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1378-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 3:00 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			79-122						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 20:17	KH	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %			36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.41		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	7.72		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	3.91		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 21D1378-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 3:00 pm	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	3.44		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
375-95-1	* Perfluorononanoic acid (PFNA)	2.79		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	12.5		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	6.17		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	4.37		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 03:55	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	100 %	25-150
Surrogate: M5PFHxA	93.3 %	25-150
Surrogate: M4PFHpA	122 %	25-150
Surrogate: M3PFHxS	102 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	91.8 %	25-150
Surrogate: M6PFDA	97.0 %	25-150
Surrogate: M7PFUDA	78.7 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	67.2 %	25-150
Surrogate: M2PFTeDA	56.1 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	105 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	101 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	102 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	19.4 %	10-150
Surrogate: d3-N-MeFOSAA	48.6 %	25-150
Surrogate: d5-N-EtFOSAA	60.4 %	25-150
Surrogate: M2-6:2 FTS	79.5 %	25-150
Surrogate: M2-8:2 FTS	98.8 %	25-150
Surrogate: M9PFNA	95.8 %	25-150



Sample Information

Client Sample ID: FMW-12

York Sample ID: 21D1378-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:20 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD



Sample Information

Client Sample ID: FMW-12

York Sample ID: 21D1378-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:20 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD



Sample Information

Client Sample ID: FMW-12

York Sample ID: 21D1378-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:20 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 22:13	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:13	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 22:13	PD
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			69-130						



Sample Information

Client Sample ID: FMW-12

York Sample ID: 21D1378-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 11:20 am

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.2 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	6.19		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	7.56		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	41.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	22.3		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	30.7		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	287		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:53	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	68.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	25.0		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
375-95-1	* Perfluorononanoic acid (PFNA)	5.45		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	370		ng/L	10.0	5	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 00:53	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	89.0		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL



Sample Information

Client Sample ID: FMW-12

York Sample ID: 21D1378-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 11:20 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	41.2		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 04:40	WL
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: M3PFBS	104 %		25-150						
	Surrogate: M5PFHxA	91.3 %		25-150						
	Surrogate: M4PFHpA	127 %		25-150						
	Surrogate: M3PFHxS	91.3 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	89.3 %		25-150						
	Surrogate: M6PFDA	86.0 %		25-150						
	Surrogate: M7PFUdA	73.6 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	65.0 %		25-150						
	Surrogate: M2PFTeDA	59.6 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	74.6 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	80.9 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	92.2 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	4.33 %	PFSu-L	10-150						
	Surrogate: d3-N-MeFOSAA	55.3 %		25-150						
	Surrogate: d5-N-EtFOSAA	70.4 %		25-150						
	Surrogate: M2-6:2 FTS	71.3 %		25-150						
	Surrogate: M2-8:2 FTS	95.3 %		25-150						
	Surrogate: M9PFNA	78.5 %		25-150						

Sample Information

Client Sample ID: FMW-36

York Sample ID: 21D1378-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 11:35 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: FMW-36

York Sample ID: 21D1378-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 11:35 am	04/29/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	5.95		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.48		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	5.84		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	8.69		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	25.6		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	3.74		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	4.23		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	9.90		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
72629-94-8	* Perfluorotridecanoic acid (PFTriDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:02	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	98.4 %	25-150
Surrogate: M5PFHxA	62.6 %	25-150



Sample Information

Client Sample ID: FMW-36

York Sample ID: 21D1378-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 11:35 am	04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	73.8 %			25-150					
	Surrogate: M3PFHxS	125 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.8 %			25-150					
	Surrogate: M6PFDA	154 %	PFSu-H		25-150					
	Surrogate: M7PFUdA	141 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	105 %			25-150					
	Surrogate: M2PFTeDA	92.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	21.0 %	PFSu-L		25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	163 %	PFSu-H		25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	54.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.34 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	118 %			25-150					
	Surrogate: d5-N-EtFOSAA	143 %			25-150					
	Surrogate: M2-6:2 FTS	270 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	252 %	PFSu-H		25-150					
	Surrogate: M9PFNA	113 %			25-150					

Sample Information

Client Sample ID: FMW-31

York Sample ID: 21D1378-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21D1378	31402218.000 01.00 Westchester County Airport	Water	April 29, 2021 12:00 pm	04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD



Sample Information

Client Sample ID: FMW-31

York Sample ID: 21D1378-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:00 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
95-63-6	1,2,4-Trimethylbenzene	5.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
108-67-8	1,3,5-Trimethylbenzene	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
67-64-1	Acetone	3.4		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD



Sample Information

Client Sample ID: FMW-31

York Sample ID: 21D1378-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:00 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
156-59-2	cis-1,2-Dichloroethylene	0.88		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
100-41-4	Ethyl Benzene	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
98-82-8	Isopropylbenzene	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD



Sample Information

Client Sample ID: FMW-31

York Sample ID: 21D1378-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:00 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
103-65-1	n-Propylbenzene	2.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
95-47-6	o-Xylene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
179601-23-1	p- & m- Xylenes	0.56	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
99-87-6	p-Isopropyltoluene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 22:40	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
75-01-4	Vinyl Chloride	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 22:40	PD
1330-20-7	Xylenes, Total	0.86	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 22:40	PD
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.8 %			79-122						



Sample Information

Client Sample ID: FMW-31

York Sample ID: 21D1378-08

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 12:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	10.2		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	230		ng/L	12.5	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	247		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	79.4		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	84.5		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	1270		ng/L	50.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 01:15	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	213		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	71.0		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
375-95-1	* Perfluorononanoic acid (PFNA)	89.4		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	4300		ng/L	50.0	10	EPA 537m Certifications:	05/03/2021 14:51	05/06/2021 01:15	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	173		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	220		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 05:47	WL

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: FMW-31 **York Sample ID:** 21D1378-08
York Project (SDG) No.: 21D1378 **Client Project ID:** 31402218.000 01.00 Westchester County Airport **Matrix:** Water **Collection Date/Time:** April 29, 2021 12:00 pm **Date Received:** 04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	96.8 %			25-150					
	Surrogate: M5PFHxA	89.4 %			25-150					
	Surrogate: M4PFHpA	108 %			25-150					
	Surrogate: M3PFHxS	81.6 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	102 %			25-150					
	Surrogate: M6PFDA	109 %			25-150					
	Surrogate: M7PFUdA	85.9 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.5 %			25-150					
	Surrogate: M2PFTeDA	44.5 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	58.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	75.0 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	76.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	8.45 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	69.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	87.3 %			25-150					
	Surrogate: M2-6:2 FTS	152 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	122 %			25-150					
	Surrogate: M9PFNA	70.5 %			25-150					

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 21D1378-09
York Project (SDG) No.: 21D1378 **Client Project ID:** 31402218.000 01.00 Westchester County Airport **Matrix:** Water **Collection Date/Time:** April 29, 2021 12:30 pm **Date Received:** 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:30 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 12:30 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:30 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 20:26	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:30	04/30/2021 20:26	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:30	04/30/2021 20:26	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.8 %	79-122								



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:30 pm

04/29/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/04/2021 07:02	05/04/2021 20:34	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 12:30 pm

04/29/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/03/2021 14:51	05/05/2021 06:09	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	105 %	25-150
Surrogate: M5PFHxA	106 %	25-150
Surrogate: M4PFHpA	147 %	25-150
Surrogate: M3PFHxS	89.5 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	104 %	25-150
Surrogate: M6PFDA	113 %	25-150
Surrogate: M7PFUDA	103 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	85.8 %	25-150
Surrogate: M2PFTeDA	74.3 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	117 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	94.8 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	113 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	30.7 %	10-150
Surrogate: d3-N-MeFOSAA	78.3 %	25-150
Surrogate: d5-N-EtFOSAA	117 %	25-150
Surrogate: M2-6:2 FTS	80.4 %	25-150
Surrogate: M2-8:2 FTS	95.2 %	25-150
Surrogate: M9PFNA	108 %	25-150

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/03/2021 05:38	05/07/2021 15:09	CM



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21D1378-09

York Project (SDG) No. 21D1378 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 29, 2021 12:30 pm Date Received 04/29/2021

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Propylene Glycol and Surrogate Recoveries for 1,4-Butanediol.

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1378-10

York Project (SDG) No. 21D1378 Client Project ID 31402218.000 01.00 Westchester County Airport Matrix Water Collection Date/Time April 29, 2021 3:00 pm Date Received 04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various volatile organics like Tetrachloroethane, Trichloroethane, etc.



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1378-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21D1378

31402218.000 01.00 Westchester County Airport

Water

April 29, 2021 3:00 pm

04/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1378-10

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21D1378-10

<u>York Project (SDG) No.</u> 21D1378	<u>Client Project ID</u> 31402218.000 01.00 Westchester County Airport	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 29, 2021 3:00 pm	<u>Date Received</u> 04/29/2021
------------------------------------------	---------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 11:03	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 11:03	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 11:03	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.8 %	79-122								



Analytical Batch Summary

Batch ID: BD11664 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1378-01	XDDMW-10	04/30/21
21D1378-10	Trip Blank	04/30/21
BD11664-BLK1	Blank	04/30/21
BD11664-BS1	LCS	04/30/21
BD11664-BSD1	LCS Dup	04/30/21

Batch ID: BD11666 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1378-02	XDDMW-11	04/30/21
21D1378-04	FMW-40	04/30/21
21D1378-05	Field Duplicate	04/30/21
21D1378-06	FMW-12	04/30/21
21D1378-08	FMW-31	04/30/21
21D1378-09	Field Blank	04/30/21
BD11666-BLK1	Blank	04/30/21
BD11666-BS1	LCS	04/30/21
BD11666-BSD1	LCS Dup	04/30/21
BD11666-MS1	Matrix Spike	04/30/21
BD11666-MSD1	Matrix Spike Dup	04/30/21

Batch ID: BE10004 **Preparation Method:** Preparation for GC Analysis **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
21D1378-02	XDDMW-11	05/03/21
21D1378-09	Field Blank	05/03/21
BE10004-BLK1	Blank	05/03/21
BE10004-BS1	LCS	05/03/21
BE10004-MS1	Matrix Spike	05/03/21
BE10004-MSD1	Matrix Spike Dup	05/03/21

Batch ID: BE10061 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21D1378-02	XDDMW-11	05/03/21
21D1378-03	FMW-35	05/03/21
21D1378-04	FMW-40	05/03/21
21D1378-04RE1	FMW-40	05/03/21
21D1378-05	Field Duplicate	05/03/21
21D1378-06	FMW-12	05/03/21
21D1378-06RE1	FMW-12	05/03/21
21D1378-07	FMW-36	05/03/21
21D1378-08	FMW-31	05/03/21
21D1378-08RE1	FMW-31	05/03/21



21D1378-09	Field Blank	05/03/21
BE10061-BLK1	Blank	05/03/21
BE10061-BS1	LCS	05/03/21
BE10061-MS1	Matrix Spike	05/03/21
BE10061-MSD1	Matrix Spike Dup	05/03/21

Batch ID: BE10084 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21D1378-02	XDDMW-11	05/04/21
21D1378-05	Field Duplicate	05/04/21
21D1378-09	Field Blank	05/04/21
BE10084-BLK1	Blank	05/04/21
BE10084-BS1	LCS	05/04/21
BE10084-MS1	Matrix Spike	05/04/21
BE10084-MSD1	Matrix Spike Dup	05/04/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

Blank (BD11664-BLK1)

Prepared & Analyzed: 04/30/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

Blank (BD11664-BLK1)

Prepared & Analyzed: 04/30/2021

Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURRE: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

LCS (BD11664-BS1)

Prepared & Analyzed: 04/30/2021

1,1,1,2-Tetrachloroethane	8.5		ug/L	10.0		85.0	82-126				
1,1,1-Trichloroethane	8.8		"	10.0		88.0	78-136				
1,1,2,2-Tetrachloroethane	8.9		"	10.0		88.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		92.9	54-165				
1,1,2-Trichloroethane	8.9		"	10.0		88.6	82-123				
1,1-Dichloroethane	8.7		"	10.0		87.1	82-129				
1,1-Dichloroethylene	9.0		"	10.0		90.1	68-138				
1,2,3-Trichlorobenzene	8.4		"	10.0		83.8	40-130				
1,2,3-Trichloropropane	8.6		"	10.0		86.5	77-128				
1,2,4-Trichlorobenzene	8.9		"	10.0		89.2	65-137				
1,2,4-Trimethylbenzene	9.3		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	6.6		"	10.0		65.9	45-147				
1,2-Dibromoethane	8.6		"	10.0		85.5	83-124				
1,2-Dichlorobenzene	9.2		"	10.0		92.4	79-123				
1,2-Dichloroethane	0.80		"	10.0		8.00	73-132	Low Bias			
1,2-Dichloropropane	8.7		"	10.0		87.4	78-126				
1,3,5-Trimethylbenzene	9.4		"	10.0		94.1	80-131				
1,3-Dichlorobenzene	9.3		"	10.0		93.0	86-130				
1,4-Dichlorobenzene	9.3		"	10.0		92.8	85-130				
1,4-Dioxane	260		"	210		125	10-349				
2-Butanone	8.0		"	10.0		80.5	49-152				
2-Hexanone	6.6		"	10.0		65.9	51-146				
4-Methyl-2-pentanone	6.4		"	10.0		63.9	57-145				
Acetone	5.2		"	10.0		52.0	14-150				
Acrolein	11		"	10.0		110	10-153				
Acrylonitrile	7.4		"	10.0		74.2	51-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11664 - EPA 5030B

LCS (BD11664-BS1)

Prepared & Analyzed: 04/30/2021

Benzene	9.1		ug/L	10.0		91.0	85-126				
Bromochloromethane	8.8		"	10.0		88.1	77-128				
Bromodichloromethane	8.5		"	10.0		85.3	79-128				
Bromoform	6.8		"	10.0		68.4	78-133	Low Bias			
Bromomethane	11		"	10.0		114	43-168				
Carbon disulfide	8.5		"	10.0		84.6	68-146				
Carbon tetrachloride	8.4		"	10.0		84.2	77-141				
Chlorobenzene	9.2		"	10.0		91.7	88-120				
Chloroethane	10		"	10.0		104	65-136				
Chloroform	9.0		"	10.0		89.7	82-128				
Chloromethane	8.6		"	10.0		86.0	43-155				
cis-1,2-Dichloroethylene	8.9		"	10.0		88.8	83-129				
cis-1,3-Dichloropropylene	8.3		"	10.0		83.4	80-131				
Cyclohexane	9.1		"	10.0		90.6	63-149				
Dibromochloromethane	7.8		"	10.0		77.6	80-130	Low Bias			
Dibromomethane	8.6		"	10.0		86.2	72-134				
Dichlorodifluoromethane	9.6		"	10.0		96.3	44-144				
Ethyl Benzene	9.2		"	10.0		92.4	80-131				
Hexachlorobutadiene	9.0		"	10.0		89.6	67-146				
Isopropylbenzene	9.1		"	10.0		90.6	76-140				
Methyl acetate	8.7		"	10.0		86.8	51-139				
Methyl tert-butyl ether (MTBE)	8.4		"	10.0		83.9	76-135				
Methylcyclohexane	9.0		"	10.0		89.7	72-143				
Methylene chloride	8.7		"	10.0		87.4	55-137				
n-Butylbenzene	9.6		"	10.0		96.3	79-132				
n-Propylbenzene	9.2		"	10.0		92.4	78-133				
o-Xylene	9.1		"	10.0		90.8	78-130				
p- & m- Xylenes	19		"	20.0		93.5	77-133				
p-Isopropyltoluene	9.4		"	10.0		93.5	81-136				
sec-Butylbenzene	9.8		"	10.0		97.8	79-137				
Styrene	9.0		"	10.0		90.3	67-132				
tert-Butyl alcohol (TBA)	43		"	50.0		86.1	25-162				
tert-Butylbenzene	8.6		"	10.0		86.0	77-138				
Tetrachloroethylene	6.2		"	10.0		61.9	82-131	Low Bias			
Toluene	9.4		"	10.0		93.9	80-127				
trans-1,2-Dichloroethylene	9.4		"	10.0		94.2	80-132				
trans-1,3-Dichloropropylene	7.8		"	10.0		77.6	78-131	Low Bias			
trans-1,4-dichloro-2-butene	7.2		"	10.0		72.5	63-141				
Trichloroethylene	9.1		"	10.0		90.8	82-128				
Trichlorofluoromethane	9.1		"	10.0		91.1	67-139				
Vinyl Chloride	9.5		"	10.0		95.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.74		"	10.0		97.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BD11664 - EPA 5030B										
LCS Dup (BD11664-BSD1)										
Prepared & Analyzed: 04/30/2021										
1,1,1,2-Tetrachloroethane	8.9		ug/L	10.0		89.3	82-126		4.93	30
1,1,1-Trichloroethane	9.7		"	10.0		96.9	78-136		9.63	30
1,1,2,2-Tetrachloroethane	9.0		"	10.0		89.7	76-129		1.23	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	54-165		10.0	30
1,1,2-Trichloroethane	8.8		"	10.0		87.8	82-123		0.907	30
1,1-Dichloroethane	9.5		"	10.0		95.0	82-129		8.68	30
1,1-Dichloroethylene	10		"	10.0		100	68-138		10.8	30
1,2,3-Trichlorobenzene	7.8		"	10.0		78.5	40-130		6.53	30
1,2,3-Trichloropropane	8.7		"	10.0		86.6	77-128		0.116	30
1,2,4-Trichlorobenzene	9.1		"	10.0		90.6	65-137		1.56	30
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		9.24	30
1,2-Dibromo-3-chloropropane	6.1		"	10.0		61.4	45-147		7.07	30
1,2-Dibromoethane	8.6		"	10.0		86.5	83-124		1.16	30
1,2-Dichlorobenzene	9.8		"	10.0		97.8	79-123		5.68	30
1,2-Dichloroethane	0.77		"	10.0		7.70	73-132	Low Bias	3.82	30
1,2-Dichloropropane	9.3		"	10.0		92.9	78-126		6.10	30
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131		10.1	30
1,3-Dichlorobenzene	10		"	10.0		99.8	86-130		7.05	30
1,4-Dichlorobenzene	9.9		"	10.0		99.2	85-130		6.67	30
1,4-Dioxane	230		"	210		112	10-349		11.5	30
2-Butanone	7.8		"	10.0		78.0	49-152		3.15	30
2-Hexanone	6.0		"	10.0		60.0	51-146		9.37	30
4-Methyl-2-pentanone	6.3		"	10.0		63.1	57-145		1.26	30
Acetone	5.2		"	10.0		51.7	14-150		0.579	30
Acrolein	10		"	10.0		101	10-153		8.55	30
Acrylonitrile	8.7		"	10.0		87.2	51-150		16.1	30
Benzene	9.9		"	10.0		99.2	85-126		8.62	30
Bromochloromethane	9.2		"	10.0		92.2	77-128		4.55	30
Bromodichloromethane	8.9		"	10.0		89.3	79-128		4.58	30
Bromoform	6.7		"	10.0		66.8	78-133	Low Bias	2.37	30
Bromomethane	14		"	10.0		136	43-168		17.6	30
Carbon disulfide	9.3		"	10.0		93.1	68-146		9.57	30
Carbon tetrachloride	9.3		"	10.0		92.6	77-141		9.50	30
Chlorobenzene	9.7		"	10.0		97.4	88-120		6.03	30
Chloroethane	11		"	10.0		113	65-136		8.18	30
Chloroform	9.6		"	10.0		95.7	82-128		6.47	30
Chloromethane	9.5		"	10.0		94.7	43-155		9.63	30
cis-1,2-Dichloroethylene	9.7		"	10.0		96.8	83-129		8.62	30
cis-1,3-Dichloropropylene	8.6		"	10.0		86.2	80-131		3.30	30
Cyclohexane	10		"	10.0		101	63-149		10.5	30
Dibromochloromethane	7.9		"	10.0		78.9	80-130	Low Bias	1.66	30
Dibromomethane	8.9		"	10.0		89.2	72-134		3.42	30
Dichlorodifluoromethane	11		"	10.0		107	44-144		10.2	30
Ethyl Benzene	10		"	10.0		100	80-131		8.40	30
Hexachlorobutadiene	9.4		"	10.0		94.0	67-146		4.79	30
Isopropylbenzene	10		"	10.0		102	76-140		11.9	30
Methyl acetate	8.6		"	10.0		85.8	51-139		1.16	30
Methyl tert-butyl ether (MTBE)	8.2		"	10.0		82.0	76-135		2.29	30
Methylcyclohexane	9.8		"	10.0		98.5	72-143		9.35	30
Methylene chloride	9.3		"	10.0		92.6	55-137		5.78	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11664 - EPA 5030B											
LCS Dup (BD11664-BSD1)											
Prepared & Analyzed: 04/30/2021											
n-Butylbenzene	10		ug/L	10.0		105	79-132		8.36	30	
n-Propylbenzene	10		"	10.0		103	78-133		11.2	30	
o-Xylene	9.7		"	10.0		97.2	78-130		6.81	30	
p- & m- Xylenes	20		"	20.0		101	77-133		7.96	30	
p-Isopropyltoluene	10		"	10.0		103	81-136		9.96	30	
sec-Butylbenzene	11		"	10.0		109	79-137		10.6	30	
Styrene	9.5		"	10.0		94.8	67-132		4.86	30	
tert-Butyl alcohol (TBA)	40		"	50.0		80.5	25-162		6.72	30	
tert-Butylbenzene	9.7		"	10.0		96.8	77-138		11.8	30	
Tetrachloroethylene	6.7		"	10.0		67.3	82-131	Low Bias	8.36	30	
Toluene	10		"	10.0		102	80-127		8.37	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		8.24	30	
trans-1,3-Dichloropropylene	7.8		"	10.0		77.9	78-131	Low Bias	0.386	30	
trans-1,4-dichloro-2-butene	7.8		"	10.0		77.6	63-141		6.80	30	
Trichloroethylene	9.8		"	10.0		98.0	82-128		7.63	30	
Trichlorofluoromethane	10		"	10.0		99.9	67-139		9.21	30	
Vinyl Chloride	11		"	10.0		105	58-145		9.78	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.87		"	10.0		98.7	69-130				
Surrogate: SURRE: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.95		"	10.0		99.5	79-122				

Batch BD11666 - EPA 5030B

Blank (BD11666-BLK1)											
Prepared & Analyzed: 04/30/2021											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11666 - EPA 5030B

Blank (BD11666-BLK1)

Prepared & Analyzed: 04/30/2021

Bromochloromethane	ND	0.50	ug/L								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.7		"	10.0		107	69-130				
Surrogate: SURRE: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BD11666 - EPA 5030B										
LCS (BD11666-BS1)										
Prepared & Analyzed: 04/30/2021										
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.3	82-126			
1,1,1-Trichloroethane	9.9		"	10.0		99.3	78-136			
1,1,2,2-Tetrachloroethane	11		"	10.0		105	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	54-165			
1,1,2-Trichloroethane	11		"	10.0		105	82-123			
1,1-Dichloroethane	9.8		"	10.0		98.0	82-129			
1,1-Dichloroethylene	10		"	10.0		100	68-138			
1,2,3-Trichlorobenzene	10		"	10.0		104	40-130			
1,2,3-Trichloropropane	10		"	10.0		102	77-128			
1,2,4-Trichlorobenzene	11		"	10.0		110	65-137			
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132			
1,2-Dibromo-3-chloropropane	7.7		"	10.0		76.6	45-147			
1,2-Dibromoethane	10		"	10.0		102	83-124			
1,2-Dichlorobenzene	11		"	10.0		107	79-123			
1,2-Dichloroethane	11		"	10.0		106	73-132			
1,2-Dichloropropane	9.8		"	10.0		98.5	78-126			
1,3,5-Trimethylbenzene	10		"	10.0		103	80-131			
1,3-Dichlorobenzene	10		"	10.0		104	86-130			
1,4-Dichlorobenzene	10		"	10.0		104	85-130			
1,4-Dioxane	310		"	210		149	10-349			
2-Butanone	9.8		"	10.0		97.6	49-152			
2-Hexanone	8.2		"	10.0		82.1	51-146			
4-Methyl-2-pentanone	8.3		"	10.0		82.6	57-145			
Acetone	6.1		"	10.0		61.4	14-150			
Acrolein	12		"	10.0		120	10-153			
Acrylonitrile	9.7		"	10.0		97.4	51-150			
Benzene	10		"	10.0		104	85-126			
Bromochloromethane	10		"	10.0		102	77-128			
Bromodichloromethane	9.7		"	10.0		96.6	79-128			
Bromoform	8.3		"	10.0		82.9	78-133			
Bromomethane	12		"	10.0		115	43-168			
Carbon disulfide	9.3		"	10.0		93.1	68-146			
Carbon tetrachloride	9.4		"	10.0		93.7	77-141			
Chlorobenzene	10		"	10.0		103	88-120			
Chloroethane	11		"	10.0		111	65-136			
Chloroform	10		"	10.0		102	82-128			
Chloromethane	9.2		"	10.0		92.3	43-155			
cis-1,2-Dichloroethylene	9.9		"	10.0		99.0	83-129			
cis-1,3-Dichloropropylene	9.2		"	10.0		92.2	80-131			
Cyclohexane	10		"	10.0		104	63-149			
Dibromochloromethane	9.2		"	10.0		91.5	80-130			
Dibromomethane	10		"	10.0		101	72-134			
Dichlorodifluoromethane	9.2		"	10.0		91.9	44-144			
Ethyl Benzene	10		"	10.0		103	80-131			
Hexachlorobutadiene	10		"	10.0		103	67-146			
Isopropylbenzene	9.7		"	10.0		96.8	76-140			
Methyl acetate	11		"	10.0		107	51-139			
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135			
Methylcyclohexane	10		"	10.0		103	72-143			
Methylene chloride	9.0		"	10.0		89.9	55-137			



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11666 - EPA 5030B

LCS (BD11666-BS1)

Prepared & Analyzed: 04/30/2021

n-Butylbenzene	11		ug/L	10.0		110	79-132				
n-Propylbenzene	10		"	10.0		99.6	78-133				
o-Xylene	10		"	10.0		102	78-130				
p- & m- Xylenes	21		"	20.0		104	77-133				
p-Isopropyltoluene	11		"	10.0		106	81-136				
sec-Butylbenzene	11		"	10.0		109	79-137				
Styrene	10		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	57		"	50.0		115	25-162				
tert-Butylbenzene	9.6		"	10.0		95.8	77-138				
Tetrachloroethylene	6.7		"	10.0		67.2	82-131	Low Bias			
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	8.8		"	10.0		88.2	78-131				
trans-1,4-dichloro-2-butene	8.8		"	10.0		88.5	63-141				
Trichloroethylene	9.9		"	10.0		99.3	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	10		"	10.0		103	58-145				
<i>Surrogate: SURRE: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>69-130</i>				
<i>Surrogate: SURRE: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: SURRE: p-Bromofluorobenzene</i>	<i>9.33</i>		<i>"</i>	<i>10.0</i>		<i>93.3</i>	<i>79-122</i>				

LCS Dup (BD11666-BS1)

Prepared & Analyzed: 04/30/2021

1,1,1,2-Tetrachloroethane	9.5		ug/L	10.0		95.3	82-126		2.08	30	
1,1,1-Trichloroethane	9.6		"	10.0		96.3	78-136		3.07	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129		2.16	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		100	54-165		2.56	30	
1,1,2-Trichloroethane	10		"	10.0		104	82-123		1.43	30	
1,1-Dichloroethane	9.6		"	10.0		96.4	82-129		1.65	30	
1,1-Dichloroethylene	9.8		"	10.0		97.7	68-138		2.83	30	
1,2,3-Trichlorobenzene	11		"	10.0		106	40-130		2.00	30	
1,2,3-Trichloropropane	10		"	10.0		103	77-128		0.488	30	
1,2,4-Trichlorobenzene	11		"	10.0		109	65-137		0.641	30	
1,2,4-Trimethylbenzene	10		"	10.0		100	82-132		2.27	30	
1,2-Dibromo-3-chloropropane	8.2		"	10.0		81.9	45-147		6.69	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		0.588	30	
1,2-Dichlorobenzene	11		"	10.0		106	79-123		1.13	30	
1,2-Dichloroethane	11		"	10.0		107	73-132		0.282	30	
1,2-Dichloropropane	9.8		"	10.0		97.5	78-126		1.02	30	
1,3,5-Trimethylbenzene	10		"	10.0		99.5	80-131		3.26	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-130		1.95	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-130		1.84	30	
1,4-Dioxane	320		"	210		153	10-349		2.25	30	
2-Butanone	9.6		"	10.0		95.6	49-152		2.07	30	
2-Hexanone	8.5		"	10.0		85.4	51-146		3.94	30	
4-Methyl-2-pentanone	8.4		"	10.0		84.2	57-145		1.92	30	
Acetone	6.5		"	10.0		65.4	14-150		6.31	30	
Acrolein	13		"	10.0		125	10-153		4.15	30	
Acrylonitrile	11		"	10.0		108	51-150		10.3	30	
Benzene	10		"	10.0		101	85-126		2.74	30	
Bromochloromethane	10		"	10.0		103	77-128		0.487	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11666 - EPA 5030B

LCS Dup (BD11666-BSD1)

Prepared & Analyzed: 04/30/2021

Bromodichloromethane	9.6		ug/L	10.0		96.1	79-128		0.519	30	
Bromoform	8.3		"	10.0		83.0	78-133		0.121	30	
Bromomethane	12		"	10.0		117	43-168		1.55	30	
Carbon disulfide	8.9		"	10.0		88.7	68-146		4.84	30	
Carbon tetrachloride	9.1		"	10.0		91.3	77-141		2.59	30	
Chlorobenzene	10		"	10.0		101	88-120		2.16	30	
Chloroethane	11		"	10.0		109	65-136		1.72	30	
Chloroform	10		"	10.0		100	82-128		1.39	30	
Chloromethane	8.7		"	10.0		87.2	43-155		5.68	30	
cis-1,2-Dichloroethylene	9.6		"	10.0		96.3	83-129		2.76	30	
cis-1,3-Dichloropropylene	9.0		"	10.0		90.2	80-131		2.19	30	
Cyclohexane	10		"	10.0		102	63-149		2.14	30	
Dibromochloromethane	9.1		"	10.0		90.8	80-130		0.768	30	
Dibromomethane	10		"	10.0		101	72-134		0.296	30	
Dichlorodifluoromethane	8.9		"	10.0		89.2	44-144		2.98	30	
Ethyl Benzene	10		"	10.0		99.9	80-131		3.35	30	
Hexachlorobutadiene	10		"	10.0		100	67-146		3.25	30	
Isopropylbenzene	9.5		"	10.0		94.6	76-140		2.30	30	
Methyl acetate	11		"	10.0		108	51-139		1.39	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		1.35	30	
Methylcyclohexane	9.7		"	10.0		97.4	72-143		5.49	30	
Methylene chloride	8.9		"	10.0		89.1	55-137		0.894	30	
n-Butylbenzene	11		"	10.0		106	79-132		2.78	30	
n-Propylbenzene	9.7		"	10.0		97.1	78-133		2.54	30	
o-Xylene	10		"	10.0		99.7	78-130		2.28	30	
p- & m- Xylenes	20		"	20.0		101	77-133		2.89	30	
p-Isopropyltoluene	10		"	10.0		102	81-136		3.37	30	
sec-Butylbenzene	10		"	10.0		105	79-137		3.75	30	
Styrene	10		"	10.0		100	67-132		2.56	30	
tert-Butyl alcohol (TBA)	59		"	50.0		118	25-162		2.76	30	
tert-Butylbenzene	9.2		"	10.0		91.9	77-138		4.16	30	
Tetrachloroethylene	6.5		"	10.0		64.6	82-131	Low Bias	3.95	30	
Toluene	10		"	10.0		101	80-127		2.74	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		2.03	30	
trans-1,3-Dichloropropylene	8.8		"	10.0		88.1	78-131		0.113	30	
trans-1,4-dichloro-2-butene	11		"	10.0		110	63-141		21.9	30	
Trichloroethylene	9.5		"	10.0		95.1	82-128		4.32	30	
Trichlorofluoromethane	9.8		"	10.0		98.5	67-139		2.21	30	
Vinyl Chloride	9.7		"	10.0		96.9	58-145		5.71	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.8		"	10.0		108	69-130				
Surrogate: SURRE: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.40		"	10.0		94.0	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD		
		Limit	Units		Result	%REC			RPD	Limit	Flag
Batch BD11666 - EPA 5030B											
Matrix Spike (BD11666-MS1)		*Source sample: 21D1378-02 (XDDMW-11)					Prepared: 04/30/2021 Analyzed: 05/01/2021				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0	0.0	108	45-161				
1,1,1-Trichloroethane	11		"	10.0	0.0	112	70-146				
1,1,2,2-Tetrachloroethane	12		"	10.0	0.0	121	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.3		"	10.0	0.0	82.7	21-217				
1,1,2-Trichloroethane	12		"	10.0	0.0	116	59-146				
1,1-Dichloroethane	11		"	10.0	0.0	113	54-146				
1,1-Dichloroethylene	11		"	10.0	0.0	111	44-165				
1,2,3-Trichlorobenzene	8.1		"	10.0	0.0	81.2	40-161				
1,2,3-Trichloropropane	11		"	10.0	0.0	114	74-127				
1,2,4-Trichlorobenzene	7.3		"	10.0	0.0	73.4	41-161				
1,2,4-Trimethylbenzene	9.4		"	10.0	0.0	94.3	72-129				
1,2-Dibromo-3-chloropropane	10		"	10.0	0.0	103	31-151				
1,2-Dibromoethane	11		"	10.0	0.0	112	75-125				
1,2-Dichlorobenzene	11		"	10.0	0.0	105	63-122				
1,2-Dichloroethane	0.76		"	10.0	0.0	7.60	68-131	Low Bias			
1,2-Dichloropropane	11		"	10.0	0.0	111	77-121				
1,3,5-Trimethylbenzene	9.4		"	10.0	0.0	94.0	69-126				
1,3-Dichlorobenzene	9.3		"	10.0	0.0	93.2	74-119				
1,4-Dichlorobenzene	9.4		"	10.0	0.0	94.2	70-124				
1,4-Dioxane	360		"	210	0.0	171	10-310				
2-Butanone	11		"	10.0	0.0	110	10-193				
2-Hexanone	9.0		"	10.0	0.0	90.4	53-133				
4-Methyl-2-pentanone	8.6		"	10.0	0.0	86.3	38-150				
Acetone	8.2		"	10.0	0.40	77.5	13-149				
Acrolein	12		"	10.0	0.0	119	10-195				
Acrylonitrile	12		"	10.0	0.0	116	37-165				
Benzene	12		"	10.0	0.0	116	38-155				
Bromochloromethane	11		"	10.0	0.0	115	75-121				
Bromodichloromethane	11		"	10.0	0.0	108	70-129				
Bromoform	8.9		"	10.0	0.0	89.0	66-136				
Bromomethane	8.5		"	10.0	0.0	85.1	30-158				
Carbon disulfide	9.9		"	10.0	0.0	99.4	10-138				
Carbon tetrachloride	10		"	10.0	0.0	102	71-146				
Chlorobenzene	11		"	10.0	0.0	110	81-117				
Chloroethane	13		"	10.0	0.0	132	51-145				
Chloroform	11		"	10.0	0.0	114	80-124				
Chloromethane	10		"	10.0	0.0	104	16-163				
cis-1,2-Dichloroethylene	11		"	10.0	0.0	108	76-125				
cis-1,3-Dichloropropylene	9.8		"	10.0	0.0	98.2	58-131				
Cyclohexane	10		"	10.0	0.0	102	70-130				
Dibromochloromethane	10		"	10.0	0.0	103	71-129				
Dibromomethane	11		"	10.0	0.0	114	76-120				
Dichlorodifluoromethane	8.5		"	10.0	0.0	85.2	30-147				
Ethyl Benzene	11		"	10.0	0.0	105	72-128				
Hexachlorobutadiene	5.4		"	10.0	0.0	53.6	34-166				
Isopropylbenzene	9.7		"	10.0	0.0	97.2	66-139				
Methyl acetate	12		"	10.0	0.0	120	10-200				
Methyl tert-butyl ether (MTBE)	11		"	10.0	0.0	114	75-128				
Methylcyclohexane	7.2		"	10.0	0.0	72.0	70-130				
Methylene chloride	10		"	10.0	0.30	101	57-128				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BD11666 - EPA 5030B

Matrix Spike (BD11666-MS1)	*Source sample: 21D1378-02 (XDDMW-11)						Prepared: 04/30/2021 Analyzed: 05/01/2021				
n-Butylbenzene	6.7		ug/L	10.0	0.0	67.3	61-138				
n-Propylbenzene	8.8		"	10.0	0.0	87.8	66-134				
o-Xylene	11		"	10.0	0.0	106	69-126				
p- & m- Xylenes	21		"	20.0	0.0	103	67-130				
p-Isopropyltoluene	8.0		"	10.0	0.0	79.5	64-137				
sec-Butylbenzene	9.0		"	10.0	0.0	90.0	53-155				
Styrene	11		"	10.0	0.0	106	69-125				
tert-Butyl alcohol (TBA)	60		"	50.0	0.0	119	10-130				
tert-Butylbenzene	9.3		"	10.0	0.0	93.4	65-139				
Tetrachloroethylene	5.8		"	10.0	0.0	57.8	64-139	Low Bias			
Toluene	11		"	10.0	0.0	114	76-123				
trans-1,2-Dichloroethylene	11		"	10.0	0.0	115	79-131				
trans-1,3-Dichloropropylene	9.3		"	10.0	0.0	92.9	55-130				
trans-1,4-dichloro-2-butene	9.9		"	10.0	0.0	98.6	25-155				
Trichloroethylene	10		"	10.0	0.0	104	53-145				
Trichlorofluoromethane	11		"	10.0	0.0	108	61-142				
Vinyl Chloride	12		"	10.0	0.0	117	31-165				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.52</i>		<i>"</i>	<i>10.0</i>		<i>95.2</i>	<i>79-122</i>				

Matrix Spike Dup (BD11666-MSD1)	*Source sample: 21D1378-02 (XDDMW-11)						Prepared: 04/30/2021 Analyzed: 05/01/2021				
1,1,1,2-Tetrachloroethane	8.5		ug/L	10.0	0.0	85.3	45-161	23.3	30		
1,1,1-Trichloroethane	9.3		"	10.0	0.0	92.9	70-146	18.9	30		
1,1,2,2-Tetrachloroethane	9.1		"	10.0	0.0	90.8	74-121	28.4	30		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.9		"	10.0	0.0	78.6	21-217	5.08	30		
1,1,2-Trichloroethane	8.9		"	10.0	0.0	88.8	59-146	26.7	30		
1,1-Dichloroethane	9.2		"	10.0	0.0	92.5	54-146	20.0	30		
1,1-Dichloroethylene	9.5		"	10.0	0.0	95.3	44-165	15.6	30		
1,2,3-Trichlorobenzene	6.7		"	10.0	0.0	67.0	40-161	19.2	30		
1,2,3-Trichloropropane	8.6		"	10.0	0.0	85.6	74-127	28.3	30		
1,2,4-Trichlorobenzene	6.6		"	10.0	0.0	66.5	41-161	9.86	30		
1,2,4-Trimethylbenzene	8.6		"	10.0	0.0	86.0	72-129	9.21	30		
1,2-Dibromo-3-chloropropane	6.3		"	10.0	0.0	62.6	31-151	49.2	30	Non-dir.	
1,2-Dibromoethane	8.5		"	10.0	0.0	85.2	75-125	27.4	30		
1,2-Dichlorobenzene	8.9		"	10.0	0.0	89.2	63-122	16.6	30		
1,2-Dichloroethane	9.1		"	10.0	0.0	90.8	68-131	169	30	Non-dir.	
1,2-Dichloropropane	9.1		"	10.0	0.0	90.9	77-121	20.2	30		
1,3,5-Trimethylbenzene	8.8		"	10.0	0.0	87.7	69-126	6.93	30		
1,3-Dichlorobenzene	8.5		"	10.0	0.0	84.9	74-119	9.32	30		
1,4-Dichlorobenzene	8.4		"	10.0	0.0	84.2	70-124	11.2	30		
1,4-Dioxane	260		"	210	0.0	123	10-310	32.5	30	Non-dir.	
2-Butanone	8.3		"	10.0	0.0	82.6	10-193	28.5	30		
2-Hexanone	6.4		"	10.0	0.0	63.9	53-133	34.3	30	Non-dir.	
4-Methyl-2-pentanone	6.4		"	10.0	0.0	63.8	38-150	30.0	30		
Acetone	5.7		"	10.0	0.40	52.9	13-149	37.7	30	Non-dir.	
Acrolein	8.8		"	10.0	0.0	88.5	10-195	29.2	30		
Acrylonitrile	7.5		"	10.0	0.0	75.4	37-165	42.1	30	Non-dir.	
Benzene	9.6		"	10.0	0.0	95.6	38-155	19.0	30		
Bromochloromethane	9.0		"	10.0	0.0	90.3	75-121	23.8	30		



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11666 - EPA 5030B											
Matrix Spike Dup (BD11666-MSD1)	*Source sample: 21D1378-02 (XDDMW-11)					Prepared: 04/30/2021 Analyzed: 05/01/2021					
Bromodichloromethane	8.5		ug/L	10.0	0.0	85.0	70-129		24.3	30	
Bromoform	6.2		"	10.0	0.0	62.5	66-136	Low Bias	35.0	30	Non-dir.
Bromomethane	11		"	10.0	0.0	109	30-158		24.9	30	
Carbon disulfide	8.9		"	10.0	0.0	88.7	10-138		11.4	30	
Carbon tetrachloride	8.8		"	10.0	0.0	87.6	71-146		15.7	30	
Chlorobenzene	9.1		"	10.0	0.0	91.4	81-117		18.3	30	
Chloroethane	11		"	10.0	0.0	111	51-145		17.5	30	
Chloroform	9.2		"	10.0	0.0	92.5	80-124		21.2	30	
Chloromethane	9.1		"	10.0	0.0	90.9	16-163		13.0	30	
cis-1,2-Dichloroethylene	9.0		"	10.0	0.0	89.6	76-125		18.7	30	
cis-1,3-Dichloropropylene	7.8		"	10.0	0.0	77.6	58-131		23.4	30	
Cyclohexane	9.2		"	10.0	0.0	92.0	70-130		10.6	30	
Dibromochloromethane	7.6		"	10.0	0.0	75.6	71-129		30.5	30	Non-dir.
Dibromomethane	8.6		"	10.0	0.0	85.7	76-120		28.3	30	
Dichlorodifluoromethane	8.2		"	10.0	0.0	82.1	30-147		3.71	30	
Ethyl Benzene	9.1		"	10.0	0.0	91.0	72-128		14.5	30	
Hexachlorobutadiene	5.0		"	10.0	0.0	50.1	34-166		6.75	30	
Isopropylbenzene	9.0		"	10.0	0.0	89.6	66-139		8.14	30	
Methyl acetate	8.5		"	10.0	0.0	85.2	10-200		33.8	30	Non-dir.
Methyl tert-butyl ether (MTBE)	8.2		"	10.0	0.0	81.6	75-128		33.0	30	Non-dir.
Methylcyclohexane	7.3		"	10.0	0.0	72.9	70-130		1.24	30	
Methylene chloride	8.6		"	10.0	0.30	83.5	57-128		19.0	30	
n-Butylbenzene	6.8		"	10.0	0.0	68.0	61-138		1.03	30	
n-Propylbenzene	8.4		"	10.0	0.0	84.3	66-134		4.07	30	
o-Xylene	9.0		"	10.0	0.0	90.2	69-126		16.6	30	
p- & m- Xylenes	18		"	20.0	0.0	89.2	67-130		14.2	30	
p-Isopropyltoluene	7.7		"	10.0	0.0	77.4	64-137		2.68	30	
sec-Butylbenzene	8.7		"	10.0	0.0	87.0	53-155		3.39	30	
Styrene	8.7		"	10.0	0.0	87.3	69-125		19.1	30	
tert-Butyl alcohol (TBA)	42		"	50.0	0.0	83.7	10-130		35.2	30	Non-dir.
tert-Butylbenzene	8.5		"	10.0	0.0	85.4	65-139		8.95	30	
Tetrachloroethylene	5.4		"	10.0	0.0	53.9	64-139	Low Bias	6.98	30	
Toluene	9.7		"	10.0	0.0	96.7	76-123		16.6	30	
trans-1,2-Dichloroethylene	9.7		"	10.0	0.0	96.7	79-131		17.2	30	
trans-1,3-Dichloropropylene	7.1		"	10.0	0.0	70.8	55-130		27.0	30	
trans-1,4-dichloro-2-butene	7.1		"	10.0	0.0	71.3	25-155		32.1	30	Non-dir.
Trichloroethylene	9.1		"	10.0	0.0	90.7	53-145		13.5	30	
Trichlorofluoromethane	9.3		"	10.0	0.0	92.7	61-142		15.3	30	
Vinyl Chloride	10		"	10.0	0.0	104	31-165		11.7	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURRE: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.87		"	10.0		98.7	79-122				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10084 - EPA 3535A											
Blank (BE10084-BLK1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	ND	0.300	ug/L								
<i>Surrogate: 1,4-Dioxane-d8</i>	3.36		"	4.00		84.0	36.6-118				
LCS (BE10084-BS1)											Prepared & Analyzed: 05/04/2021
1,4-Dioxane	4.40	0.300	ug/L	4.00		110	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	36.6-118				
Matrix Spike (BE10084-MS1)											Prepared & Analyzed: 05/04/2021
	*Source sample: 21D1378-02 (XDDMW-11)										
1,4-Dioxane	5.65	0.300	ug/L	4.00	1.14	113	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.72		"	4.00		68.0	50-130				
Matrix Spike Dup (BE10084-MSD1)											Prepared & Analyzed: 05/04/2021
	*Source sample: 21D1378-02 (XDDMW-11)										
1,4-Dioxane	5.60	0.300	ug/L	4.00	1.14	112	50-130		0.853	30	
<i>Surrogate: 1,4-Dioxane-d8</i>	3.20		"	4.00		80.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

Blank (BE10061-BLK1)

Prepared: 05/03/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	73.3		"	74.3		98.6	25-150				
Surrogate: M5PFHxA	77.7		"	80.0		97.2	25-150				
Surrogate: M4PFHpA	108		"	80.0		135	25-150				
Surrogate: M3PFHxS	74.2		"	75.7		98.1	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.8		"	80.0		101	25-150				
Surrogate: M6PFDA	91.3		"	80.0		114	25-150				
Surrogate: M7PFUdA	88.2		"	80.0		110	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.8		"	80.0		94.7	25-150				
Surrogate: M2PFTeDA	34.8		"	80.0		43.5	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.3		"	80.0		97.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	85.4		"	76.6		112	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	78.7		"	80.0		98.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	29.8		"	80.0		37.2	10-150				
Surrogate: d3-N-MeFOSAA	80.2		"	80.0		100	25-150				
Surrogate: d5-N-EtFOSAA	93.4		"	80.0		117	25-150				
Surrogate: M2-6:2 FTS	70.9		"	75.9		93.4	25-150				
Surrogate: M2-8:2 FTS	95.9		"	76.6		125	25-150				
Surrogate: M9PFNA	92.2		"	80.0		115	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

LCS (BE10061-BS1)

Prepared: 05/03/2021 Analyzed: 05/04/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.9	2.00	ng/L	76.8		109	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	78.7	5.00	"	76.0		104	50-130				
N-EtFOSAA	85.1	2.00	"	80.0		106	50-130				
N-MeFOSAA	79.9	2.00	"	80.0		99.9	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	83.3	2.00	"	77.2		108	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.8	2.00	"	76.0		109	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	94.6	2.00	"	80.0		118	50-130				
Perfluorobutanesulfonic acid (PFBS)	84.7	2.00	"	70.8		120	50-130				
Perfluorodecanoic acid (PFDA)	84.9	2.00	"	80.0		106	50-130				
Perfluorododecanoic acid (PFDoA)	85.9	2.00	"	80.0		107	50-130				
Perfluoroheptanoic acid (PFHpA)	73.2	2.00	"	80.0		91.5	50-130				
Perfluorohexanesulfonic acid (PFHxS)	85.6	2.00	"	73.0		117	50-130				
Perfluorohexanoic acid (PFHxA)	90.0	2.00	"	80.0		112	50-130				
Perfluoro-n-butanoic acid (PFBA)	92.9	2.00	"	80.0		116	50-130				
Perfluorononanoic acid (PFNA)	85.4	2.00	"	80.0		107	50-130				
Perfluorooctanesulfonic acid (PFOS)	82.7	2.00	"	74.1		112	50-130				
Perfluorooctanoic acid (PFOA)	95.7	2.00	"	80.0		120	50-130				
Perfluoropentanoic acid (PFPeA)	84.8	2.00	"	80.0		106	50-130				
Perfluorotetradecanoic acid (PFTA)	84.2	2.00	"	80.0		105	50-130				
Perfluorotridecanoic acid (PFTTrDA)	79.4	2.00	"	80.0		99.2	50-130				
Perfluoroundecanoic acid (PFUnA)	84.1	2.00	"	80.0		105	50-130				
Surrogate: M3PFBS	71.4		"	74.3		96.1	25-150				
Surrogate: M5PFHxA	77.1		"	80.0		96.4	25-150				
Surrogate: M4PFHpA	106		"	80.0		133	25-150				
Surrogate: M3PFHxS	75.5		"	75.7		99.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	82.5		"	80.0		103	25-150				
Surrogate: M6PFDA	91.6		"	80.0		115	25-150				
Surrogate: M7PFUdA	94.5		"	80.0		118	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	101		"	80.0		126	25-150				
Surrogate: M2PFTeDA	70.5		"	80.0		88.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.1		"	80.0		97.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	80.7		"	76.6		105	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	77.9		"	80.0		97.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	28.1		"	80.0		35.2	10-150				
Surrogate: d3-N-MeFOSAA	92.3		"	80.0		115	25-150				
Surrogate: d5-N-EtFOSAA	94.4		"	80.0		118	25-150				
Surrogate: M2-6:2 FTS	80.2		"	75.9		106	25-150				
Surrogate: M2-8:2 FTS	98.7		"	76.6		129	25-150				
Surrogate: M9PFNA	88.4		"	80.0		110	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10061 - SPE Ext-PFAS-EPA 537.1M

Matrix Spike (BE10061-MS1)	*Source sample: 21D1378-02 (XDDMW-11)						Prepared: 05/03/2021 Analyzed: 05/05/2021				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	93.0	2.00	ng/L	76.8	0.898	120	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.9	5.00	"	76.0	5.86	90.8	25-150				
N-EtFOSAA	80.4	2.00	"	80.0	ND	101	25-150				
N-MeFOSAA	63.3	2.00	"	80.0	ND	79.1	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	57.9	2.00	"	77.2	ND	75.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	77.9	2.00	"	76.0	ND	102	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	84.4	2.00	"	80.0	ND	106	25-150				
Perfluorobutanesulfonic acid (PFBS)	79.4	2.00	"	70.8	0.891	111	25-150				
Perfluorodecanoic acid (PFDA)	81.1	2.00	"	80.0	1.32	99.7	25-150				
Perfluorododecanoic acid (PFDoA)	76.1	2.00	"	80.0	ND	95.1	25-150				
Perfluoroheptanoic acid (PFHpA)	71.3	2.00	"	80.0	2.49	86.1	25-150				
Perfluorohexanesulfonic acid (PFHxS)	85.6	2.00	"	73.0	8.43	106	25-150				
Perfluorohexanoic acid (PFHxA)	87.6	2.00	"	80.0	4.34	104	25-150				
Perfluoro-n-butanoic acid (PFBA)	86.7	2.00	"	80.0	4.46	103	25-150				
Perfluorononanoic acid (PFNA)	77.9	2.00	"	80.0	2.70	94.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	85.8	2.00	"	74.1	12.9	98.4	25-150				
Perfluorooctanoic acid (PFOA)	92.7	2.00	"	80.0	6.11	108	25-150				
Perfluoropentanoic acid (PFPeA)	81.6	2.00	"	80.0	4.38	96.5	25-150				
Perfluorotetradecanoic acid (PFTA)	74.7	2.00	"	80.0	ND	93.4	25-150				
Perfluorotridecanoic acid (PFTrDA)	67.1	2.00	"	80.0	ND	83.9	25-150				
Perfluoroundecanoic acid (PFUnA)	74.8	2.00	"	80.0	ND	93.5	25-150				
Surrogate: M3PFBS	87.2		"	74.3		117	25-150				
Surrogate: M5PFHxA	82.8		"	80.0		103	25-150				
Surrogate: M4PFHpA	101		"	80.0		126	25-150				
Surrogate: M3PFHxS	81.8		"	75.7		108	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.0		"	80.0		100	25-150				
Surrogate: M6PFDA	73.8		"	80.0		92.2	25-150				
Surrogate: M7PFUdA	65.1		"	80.0		81.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	53.2		"	80.0		66.5	25-150				
Surrogate: M2PFTeDA	51.1		"	80.0		63.8	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.0		"	80.0		120	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.7		"	76.6		108	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	91.2		"	80.0		114	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	10.1		"	80.0		12.6	10-150				
Surrogate: d3-N-MeFOSAA	45.3		"	80.0		56.6	25-150				
Surrogate: d5-N-EtFOSAA	42.6		"	80.0		53.2	25-150				
Surrogate: M2-6:2 FTS	64.9		"	75.9		85.4	25-150				
Surrogate: M2-8:2 FTS	75.6		"	76.6		98.6	25-150				
Surrogate: M9PFNA	84.2		"	80.0		105	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10061 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike Dup (BE10061-MSD1)	*Source sample: 21D1378-02 (XDDMW-11)						Prepared: 05/03/2021 Analyzed: 05/05/2021				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	82.8	2.00	ng/L	76.8	0.898	107	25-150		11.6	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	72.4	5.00	"	76.0	5.86	87.6	25-150		3.37	35	
N-EtFOSAA	78.2	2.00	"	80.0	ND	97.7	25-150		2.85	35	
N-MeFOSAA	70.1	2.00	"	80.0	ND	87.6	25-150		10.2	35	
Perfluoro-1-decanesulfonic acid (PFDS)	67.8	2.00	"	77.2	ND	87.8	25-150		15.7	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.9	2.00	"	76.0	ND	106	25-150		3.85	35	
Perfluoro-1-octanesulfonamide (FOSA)	78.1	2.00	"	80.0	ND	97.6	25-150		7.80	35	
Perfluorobutanesulfonic acid (PFBS)	79.1	2.00	"	70.8	0.891	110	25-150		0.394	35	
Perfluorodecanoic acid (PFDA)	75.9	2.00	"	80.0	1.32	93.3	25-150		6.60	35	
Perfluorododecanoic acid (PFDoA)	77.2	2.00	"	80.0	ND	96.5	25-150		1.49	35	
Perfluoroheptanoic acid (PFHpA)	69.8	2.00	"	80.0	2.49	84.1	25-150		2.25	35	
Perfluorohexanesulfonic acid (PFHxS)	88.1	2.00	"	73.0	8.43	109	25-150		2.88	35	
Perfluorohexanoic acid (PFHxA)	87.1	2.00	"	80.0	4.34	104	25-150		0.552	35	
Perfluoro-n-butanoic acid (PFBA)	87.9	2.00	"	80.0	4.46	104	25-150		1.43	35	
Perfluorononanoic acid (PFNA)	81.9	2.00	"	80.0	2.70	99.0	25-150		4.95	35	
Perfluorooctanesulfonic acid (PFOS)	86.2	2.00	"	74.1	12.9	99.0	25-150		0.510	35	
Perfluorooctanoic acid (PFOA)	92.1	2.00	"	80.0	6.11	108	25-150		0.646	35	
Perfluoropentanoic acid (PFPeA)	81.7	2.00	"	80.0	4.38	96.6	25-150		0.112	35	
Perfluorotetradecanoic acid (PFTA)	76.9	2.00	"	80.0	ND	96.1	25-150		2.86	35	
Perfluorotridecanoic acid (PFTrDA)	84.9	2.00	"	80.0	ND	106	25-150		23.3	35	
Perfluoroundecanoic acid (PFUnA)	73.9	2.00	"	80.0	ND	92.4	25-150		1.13	35	
Surrogate: M3PFBS	80.8		"	74.3		109	25-150				
Surrogate: M5PFHxA	77.1		"	80.0		96.4	25-150				
Surrogate: M4PFHpA	93.2		"	80.0		116	25-150				
Surrogate: M3PFHxS	77.1		"	75.7		102	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	74.3		"	80.0		92.8	25-150				
Surrogate: M6PFDA	67.2		"	80.0		84.0	25-150				
Surrogate: M7PFUdA	57.7		"	80.0		72.1	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	57.0		"	80.0		71.2	25-150				
Surrogate: M2PFTeDA	60.8		"	80.0		76.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.2		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	81.9		"	76.6		107	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.8		"	80.0		105	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7.16		"	80.0		8.95	10-150				
Surrogate: d3-N-MeFOSAA	45.2		"	80.0		56.5	25-150				
Surrogate: d5-N-EtFOSAA	48.4		"	80.0		60.5	25-150				
Surrogate: M2-6:2 FTS	69.8		"	75.9		91.9	25-150				
Surrogate: M2-8:2 FTS	98.1		"	76.6		128	25-150				
Surrogate: M9PFNA	69.3		"	80.0		86.6	25-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10004 - Preparation for GC Analysis											
Blank (BE10004-BLK1)											Prepared & Analyzed: 05/03/2021
Ethylene Glycol	ND	10.0	mg/L								
Propylene Glycol	ND	10.0	"								
<i>Surrogate: 1,4-Butanediol</i>	83.9		"	100		83.9	30-130				
LCS (BE10004-BS1)											Prepared & Analyzed: 05/03/2021
Ethylene Glycol	46.3	10.0	mg/L	50.0		92.6	60-140				
Propylene Glycol	49.6	10.0	"	50.0		99.1	60-140				
<i>Surrogate: 1,4-Butanediol</i>	58.9		"	50.0		118	30-130				
Matrix Spike (BE10004-MS1)											*Source sample: 21D1378-02 (XDDMW-11) Prepared: 05/03/2021 Analyzed: 05/07/2021
Ethylene Glycol	43.4	10.0	mg/L	50.0	10.4	66.0	60-140				
Propylene Glycol	55.0	10.0	"	50.0	11.4	87.2	60-140				
<i>Surrogate: 1,4-Butanediol</i>	61.1		"	50.0		122	30-130				
Matrix Spike Dup (BE10004-MSD1)											*Source sample: 21D1378-02 (XDDMW-11) Prepared: 05/03/2021 Analyzed: 05/07/2021
Ethylene Glycol	40.7	10.0	mg/L	50.0	10.4	60.5	60-140		6.45	200	
Propylene Glycol	53.8	10.0	"	50.0	11.4	84.8	60-140		2.21	200	
<i>Surrogate: 1,4-Butanediol</i>	54.2		"	50.0		108	30-130				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21D1378-01	XDDMW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-02	XDDMW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-04	FMW-40	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-05	Field Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-06	FMW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-08	FMW-31	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-09	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1378-10	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.
21D1378

Page **1** of **2**

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company	1257 WA	Company		Company		31402218 000 W140		RUSH - Next Day	
Address	Southern Pike Dr	Address		Address		YOUR Project Name		RUSH - Two Day	
Phone	Valhalla NY	Phone		Phone	Same	Westchester County		RUSH - Three Day	
Contact	914 461 2961	Contact		Contact		Airport (WEA)		RUSH - Four Day	
E-mail	John Renigan	E-mail		E-mail		YOUR PO#:		Standard (5-7 Day) <input checked="" type="checkbox"/>	

Signature: *Mike Reiff*
 Samples Collected by: (print your name above and sign below)
 Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp
S - soil / solid	New York	Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	Standard Excel EDD
DW - drinking water	Connecticut	NY ASP A Package	EQUS (Standard)
WW - wastewater	Pennsylvania	NY ASP B Package	NYSDEC EQUS
O - Oil ; Other	Other		NJDEP SRP HazSite
			Other:

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptio
XDDMW-10	GW	4/29/21 1015	EDH 537	2P 300ml 1.4 Lit
XDDMW-11		0950	X	X
Matrix Spike XDDMW-11		0950	X	X
Matrix Spike Duplicate XDDMW-11		0950	X	X
FMW-35		1050	X	X
FMW-40		1100	X	X
Field Duplicate			X	X
FMW-12		1120	X	X
FMW-36		1135	X	X

Comments: _____

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

Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received at Lab
4-29-21 13:00	Chic	4-29-21 1500	1.9



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

YORK
 ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

21D1378

Page 2 of 2

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company	WSPWA	Company		Company		31402218 000 0160		RUSH - Next Day	
Address	500 Garrison Ave Valhalla, NY	Address		Address		YOUR Project Name		RUSH - Two Day	
Phone	914 461 2961	Phone		Phone	Same	Westchester County Airport (WCA)		RUSH - Three Day	
Contact	John Benvenuti	Contact		Contact		YOUR PO#:		RUSH - Four Day	
Email	John.Benvenuti@wspwa.com	Email		Email				Standard (5-7 Day)	

Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp	
S - soil / solid		New York		Summary Report	Standard	Excel	Compared to the following Regulation(s) - (please fill in)
GW - groundwater		New Jersey		QA Report	EQUS	(Standard)	
DW - drinking water		Connecticut		NY ASP A Package			
WW - wastewater		Pennsylvania		NY ASP B Package			
O - Oil ; Other		Other					

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptive
FMW-31	GW	4/29/13 1200	EPA 537	283401620
Field Blank	DJ	1200	+	x x x x
Trip Blank	↓		+	x x x x

Comments:

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

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Chic	4/29/13 1300	Chic	4-29-13
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
		Chic	1500
Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time
		Chic	4/29/13 1500
Samples Relinquished by / Company	Date/Time	Temp. Received at Lab	Temp. Received at Lab
		1.9	



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/10/2021
Client Project ID: 31402218000 01.00 Westchester County Airport (WCA)
York Project (SDG) No.: 21E0013

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

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/10/2021
Client Project ID: 31402218000 01.00 Westchester County Airport (WCA)
York Project (SDG) No.: 21E0013

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

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 May 03, 2021 and listed below. The project was identified as your project: **31402218000 01.00 Westchester County Airport (WCA)**.

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>
21E0013-01	FMW-11	Water	04/30/2021	05/03/2021
21E0013-02	XDDMW-13	Water	04/30/2021	05/03/2021
21E0013-03	FMW-37	Water	04/30/2021	05/03/2021
21E0013-04	DPWMW-3	Water	04/30/2021	05/03/2021
21E0013-05	FMW-17	Water	04/30/2021	05/03/2021
21E0013-06	Field Blank	Water	04/30/2021	05/03/2021
21E0013-07	Trip Blank	Water	04/30/2021	05/03/2021

General Notes for York Project (SDG) No.: 21E0013

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:



Benjamin Gulizia
Laboratory Director

Date: 05/10/2021





Sample Information

Client Sample ID: FMW-11

York Sample ID: 21E0013-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 9:00 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	4.86		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	3.83		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	6.19		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:24	WL



Sample Information

Client Sample ID: FMW-11					York Sample ID: 21E0013-01
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 9:00 am	05/03/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	101 %								
	Surrogate: M5PFHxA	98.0 %								
	Surrogate: M4PFHpA	90.2 %								
	Surrogate: M3PFHxS	102 %								
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	91.3 %								
	Surrogate: M6PFDA	90.3 %								
	Surrogate: M7PFUdA	81.7 %								
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	76.6 %								
	Surrogate: M2PFTeDA	52.6 %								
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	71.1 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	100 %								
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	99.5 %								
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	29.8 %								
	Surrogate: d3-N-MeFOSAA	61.6 %								
	Surrogate: d5-N-EtFOSAA	65.6 %								
	Surrogate: M2-6:2 FTS	94.1 %								
	Surrogate: M2-8:2 FTS	119 %								
	Surrogate: M9PFNA	85.4 %								

Sample Information

Client Sample ID: XDDMW-13					York Sample ID: 21E0013-02
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 9:45 am	05/03/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL



Sample Information

Client Sample ID: XDDMW-13

York Sample ID: 21E0013-02

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 9:45 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	26.8		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	2.49		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	6.48		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	13.4		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	51.0		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	24.5		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	18.5		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
375-95-1	* Perfluorononanoic acid (PFNA)	8.51		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	139		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	13.2		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	27.0		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 21:46	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	124 %	25-150
Surrogate: M5PFHxA	104 %	25-150
Surrogate: M4PFHpA	95.3 %	25-150



Sample Information

Client Sample ID: XDDMW-13

York Sample ID: 21E0013-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 9:45 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	108 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.9 %			25-150					
	Surrogate: M6PFDA	87.2 %			25-150					
	Surrogate: M7PFUdA	129 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	86.2 %			25-150					
	Surrogate: M2PFTeDA	79.8 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	109 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	89.7 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	112 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	38.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	54.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	122 %			25-150					
	Surrogate: M2-6:2 FTS	89.2 %			25-150					
	Surrogate: M2-8:2 FTS	92.0 %			25-150					
	Surrogate: M9PFNA	84.2 %			25-150					

Sample Information

Client Sample ID: FMW-37

York Sample ID: 21E0013-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 10:30 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.0		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	50.8		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL



Sample Information

Client Sample ID: FMW-37

York Sample ID: 21E0013-03

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 10:30 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	69.0		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	2.16		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	43.8		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	5.61		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	102		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	629		ng/L	20.0	10	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:31	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	163		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	67.0		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
375-95-1	* Perfluorononanoic acid (PFNA)	23.3		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	2240		ng/L	20.0	10	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:31	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	69.4		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	169		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:09	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	102 %	25-150
Surrogate: M5PFHxA	84.9 %	25-150
Surrogate: M4PFHpA	79.6 %	25-150
Surrogate: M3PFHxS	74.7 %	25-150
Surrogate: M3PFHxS	86.3 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PF OA)	95.4 %	25-150
Surrogate: M6PFDA	78.2 %	25-150
Surrogate: M7PFUdA	60.4 %	25-150



Sample Information

Client Sample ID: FMW-37			York Sample ID: 21E0013-03
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 10:30 am
			<u>Date Received</u> 05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	37.6 %			25-150					
	Surrogate: M2PFTeDA	19.8 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	58.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	73.5 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	45.2 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	81.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	16.8 %			10-150					
	Surrogate: d3-N-MeFOSAA	43.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	47.4 %			25-150					
	Surrogate: M2-6:2 FTS	113 %			25-150					
	Surrogate: M2-8:2 FTS	101 %			25-150					
	Surrogate: M9PFNA	50.4 %			25-150					

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:13	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:13	CM
	Surrogate Recoveries	Result		Acceptance Range						
110-63-4	Surrogate: 1,4-Butanediol	78.5 %								

Sample Information

Client Sample ID: DPWMW-3			York Sample ID: 21E0013-04
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:00 am
			<u>Date Received</u> 05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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



Sample Information

Client Sample ID: DPWMW-3

York Sample ID: 21E0013-04

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:00 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD



Sample Information

Client Sample ID: DPWMW-3

York Sample ID: 21E0013-04

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:00 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	3.2		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD



Sample Information

Client Sample ID: DPWMW-3

York Sample ID: 21E0013-04

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:00 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 12:30	05/05/2021 01:51	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 01:51	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 12:30	05/05/2021 01:51	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130



Sample Information

Client Sample ID: DPWMW-3

York Sample ID: 21E0013-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0013

31402218000 01.00 Westchester County Airport (WCA)

Water

April 30, 2021 11:00 am

05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.5 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	2.17		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.35		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	3.63		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL



Sample Information

Client Sample ID: DPWMW-3

York Sample ID: 21E0013-04

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:00 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 22:53	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	93.9 %	25-150
Surrogate: M5PFHxA	82.4 %	25-150
Surrogate: M4PFHpA	53.7 %	25-150
Surrogate: M3PFHxS	98.3 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	100 %	25-150
Surrogate: M6PFDA	93.2 %	25-150
Surrogate: M7PFUDA	70.2 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	53.9 %	25-150
Surrogate: M2PFTeDA	44.0 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	61.3 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	102 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	81.8 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.73 %	PFSu-L 10-150
Surrogate: d3-N-MeFOSAA	63.1 %	25-150
Surrogate: d5-N-EtFOSAA	63.6 %	25-150
Surrogate: M2-6:2 FTS	269 %	PFSu-H 25-150
Surrogate: M2-8:2 FTS	279 %	PFSu-H 25-150
Surrogate: M9PFNA	95.3 %	25-150

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:29	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:29	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: DPWMW-3					York Sample ID: 21E0013-04
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:00 am	05/03/2021	

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-63-4	Surrogate: 1,4-Butanediol	79.9 %			30-130					

Sample Information

Client Sample ID: FMW-17					York Sample ID: 21E0013-05
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:30 am	05/03/2021	

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.89		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.3		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	4.26		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	3.60		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	8.62		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	40.7		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	13.2		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.74		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL



Sample Information

Client Sample ID: FMW-17

York Sample ID: 21E0013-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:30 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	2.18		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	510		ng/L	20.0	10	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:38	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	4.81		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	15.1		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/06/2021 23:15	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	93.1 %	25-150
Surrogate: M5PFHxA	86.1 %	25-150
Surrogate: M4PFHpA	73.2 %	25-150
Surrogate: M3PFHxS	96.6 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.7 %	25-150
Surrogate: M6PFDA	92.7 %	25-150
Surrogate: M7PFUdA	75.8 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	65.3 %	25-150
Surrogate: M2PFTeDA	31.0 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	70.8 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	81.4 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	84.8 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.8 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	11.5 %	10-150
Surrogate: d3-N-MeFOSAA	57.5 %	25-150
Surrogate: d5-N-EtFOSAA	58.4 %	25-150
Surrogate: M2-6:2 FTS	190 %	PFSu-H 25-150
Surrogate: M2-8:2 FTS	151 %	PFSu-H 25-150
Surrogate: M9PFNA	78.4 %	25-150



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21E0013-06

York Project (SDG) No. 21E0013 **Client Project ID** 31402218000 01.00 Westchester County Airport (WCA) **Matrix** Water **Collection Date/Time** April 30, 2021 11:50 am **Date Received** 05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21E0013-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0013

31402218000 01.00 Westchester County Airport (WCA)

Water

April 30, 2021 11:50 am

05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21E0013-06

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:50 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-09-2	Methylene chloride	2.4	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 12:30	05/05/2021 02:17	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 12:30	05/05/2021 02:17	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 12:30	05/05/2021 02:17	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	69-130								



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21E0013-06

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:50 am	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	--------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	99.8 %			81-117						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	98.3 %			79-122						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 21E0013-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 11:50 am	05/03/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	05/05/2021 16:13	05/07/2021 00:44	WL
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: M3PFBS	106 %	25-150							
	Surrogate: M5PFHxA	105 %	25-150							
	Surrogate: M4PFHpA	104 %	25-150							
	Surrogate: M3PFHxS	98.0 %	25-150							
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	103 %	25-150							
	Surrogate: M6PFDA	102 %	25-150							
	Surrogate: M7PFUDA	97.0 %	25-150							
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	85.3 %	25-150							
	Surrogate: M2PFTeDA	55.2 %	10-150							
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	106 %	25-150							
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	109 %	25-150							
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	104 %	25-150							
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	44.8 %	10-150							
	Surrogate: d3-N-MeFOSAA	64.6 %	25-150							
	Surrogate: d5-N-EtFOSAA	84.7 %	25-150							
	Surrogate: M2-6:2 FTS	84.6 %	25-150							
	Surrogate: M2-8:2 FTS	120 %	25-150							
	Surrogate: M9PFNA	103 %	25-150							

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:45	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/10/2021 04:39	05/10/2021 10:45	CM
Surrogate Recoveries		Result	Acceptance Range							
110-63-4	Surrogate: 1,4-Butanediol	77.0 %	30-130							



Sample Information

Client Sample ID: Field Blank				York Sample ID: 21E0013-06
<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 11:50 am	<u>Date Received</u> 05/03/2021

Sample Information

Client Sample ID: Trip Blank				York Sample ID: 21E0013-07
<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 3:00 pm	<u>Date Received</u> 05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21E0013-07

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 3:00 pm	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-15-0	Carbon disulfide	0.36	SCAL-E, J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21E0013-07

<u>York Project (SDG) No.</u> 21E0013	<u>Client Project ID</u> 31402218000 01.00 Westchester County Airport (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 30, 2021 3:00 pm	<u>Date Received</u> 05/03/2021
------------------------------------------	--------------------------------------------------------------------------------	------------------------	-------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 09:00	05/04/2021 12:00	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21E0013-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0013	31402218000 01.00 Westchester County Airport (WCA)	Water	April 30, 2021 3:00 pm	05/03/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/04/2021 09:00	05/04/2021 12:00	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/04/2021 09:00	05/04/2021 12:00	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.2 %			79-122						



Analytical Batch Summary

Batch ID: BE10100 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21E0013-07	Trip Blank	05/04/21
BE10100-BLK1	Blank	05/04/21
BE10100-BS1	LCS	05/04/21
BE10100-BSD1	LCS Dup	05/04/21

Batch ID: BE10112 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21E0013-04	DPWMW-3	05/04/21
21E0013-06	Field Blank	05/04/21
BE10112-BLK1	Blank	05/04/21
BE10112-BS1	LCS	05/04/21
BE10112-BSD1	LCS Dup	05/04/21

Batch ID: BE10218 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21E0013-01	FMW-11	05/05/21
21E0013-02	XDDMW-13	05/05/21
21E0013-03	FMW-37	05/05/21
21E0013-03RE1	FMW-37	05/05/21
21E0013-04	DPWMW-3	05/05/21
21E0013-05	FMW-17	05/05/21
21E0013-05RE1	FMW-17	05/05/21
21E0013-06	Field Blank	05/05/21
BE10218-BLK1	Blank	05/05/21
BE10218-BS1	LCS	05/05/21
BE10218-BSD1	LCS Dup	05/05/21

Batch ID: BE10377 **Preparation Method:** Preparation for GC Analysis **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
21E0013-03	FMW-37	05/10/21
21E0013-04	DPWMW-3	05/10/21
21E0013-06	Field Blank	05/10/21
BE10377-BLK1	Blank	05/10/21
BE10377-BS1	LCS	05/10/21
BE10377-DUP1	Duplicate	05/10/21
BE10377-MS1	Matrix Spike	05/10/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

Blank (BE10100-BLK1)

Prepared & Analyzed: 05/04/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	0.46	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

Blank (BE10100-BLK1)

Prepared & Analyzed: 05/04/2021

Methylene chloride	1.2	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.99		"	10.0		99.9	69-130				
Surrogate: SURRE: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

LCS (BE10100-BS1)

Prepared & Analyzed: 05/04/2021

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		99.9	82-126				
1,1,1-Trichloroethane	10		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		109	54-165				
1,1,2-Trichloroethane	9.8		"	10.0		97.7	82-123				
1,1-Dichloroethane	9.8		"	10.0		97.5	82-129				
1,1-Dichloroethylene	10		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	8.7		"	10.0		86.9	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		98.1	77-128				
1,2,4-Trichlorobenzene	9.6		"	10.0		95.7	65-137				
1,2,4-Trimethylbenzene	9.6		"	10.0		96.4	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	9.8		"	10.0		98.4	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.4	79-123				
1,2-Dichloroethane	10		"	10.0		101	73-132				
1,2-Dichloropropane	9.6		"	10.0		96.5	78-126				
1,3,5-Trimethylbenzene	9.6		"	10.0		96.3	80-131				
1,3-Dichlorobenzene	9.7		"	10.0		97.2	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		98.5	85-130				
1,4-Dioxane	200		"	210		95.2	10-349				
2-Butanone	7.8		"	10.0		78.0	49-152				
2-Hexanone	9.2		"	10.0		91.5	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	5.4		"	10.0		54.5	14-150				
Acrolein	13		"	10.0		130	10-153				
Acrylonitrile	11		"	10.0		108	51-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10100 - EPA 5030B

LCS (BE10100-BS1)

Prepared & Analyzed: 05/04/2021

Benzene	10		ug/L	10.0		101	85-126			
Bromochloromethane	10		"	10.0		101	77-128			
Bromodichloromethane	9.9		"	10.0		98.8	79-128			
Bromoform	10		"	10.0		102	78-133			
Bromomethane	15		"	10.0		150	43-168			
Carbon disulfide	10		"	10.0		104	68-146			
Carbon tetrachloride	10		"	10.0		102	77-141			
Chlorobenzene	9.7		"	10.0		97.1	88-120			
Chloroethane	11		"	10.0		112	65-136			
Chloroform	9.8		"	10.0		97.8	82-128			
Chloromethane	9.0		"	10.0		89.5	43-155			
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129			
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131			
Cyclohexane	10		"	10.0		103	63-149			
Dibromochloromethane	10		"	10.0		102	80-130			
Dibromomethane	9.9		"	10.0		98.6	72-134			
Dichlorodifluoromethane	8.6		"	10.0		86.4	44-144			
Ethyl Benzene	10		"	10.0		101	80-131			
Hexachlorobutadiene	8.1		"	10.0		81.0	67-146			
Isopropylbenzene	9.4		"	10.0		94.5	76-140			
Methyl acetate	9.7		"	10.0		97.3	51-139			
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.8	76-135			
Methylcyclohexane	10		"	10.0		101	72-143			
Methylene chloride	11		"	10.0		109	55-137			
n-Butylbenzene	8.3		"	10.0		83.2	79-132			
n-Propylbenzene	9.6		"	10.0		96.0	78-133			
o-Xylene	9.8		"	10.0		97.8	78-130			
p- & m- Xylenes	20		"	20.0		101	77-133			
p-Isopropyltoluene	9.8		"	10.0		98.2	81-136			
sec-Butylbenzene	10		"	10.0		99.9	79-137			
Styrene	10		"	10.0		104	67-132			
tert-Butyl alcohol (TBA)	54		"	50.0		108	25-162			
tert-Butylbenzene	9.3		"	10.0		92.8	77-138			
Tetrachloroethylene	5.3		"	10.0		53.1	82-131	Low Bias		
Toluene	10		"	10.0		99.7	80-127			
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132			
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131			
trans-1,4-dichloro-2-butene	9.5		"	10.0		94.9	63-141			
Trichloroethylene	9.0		"	10.0		89.5	82-128			
Trichlorofluoromethane	11		"	10.0		115	67-139			
Vinyl Chloride	9.8		"	10.0		98.2	58-145			
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>69-130</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>81-117</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>79-122</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10100 - EPA 5030B											
LCS Dup (BE10100-BSD1)											
Prepared & Analyzed: 05/04/2021											
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126		2.96	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		4.07	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129		1.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		114	54-165		4.58	30	
1,1,2-Trichloroethane	9.9		"	10.0		98.6	82-123		0.917	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		4.61	30	
1,1-Dichloroethylene	11		"	10.0		106	68-138		3.35	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		94.1	40-130		7.96	30	
1,2,3-Trichloropropane	9.9		"	10.0		99.3	77-128		1.22	30	
1,2,4-Trichlorobenzene	10		"	10.0		100	65-137		4.69	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		5.65	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		103	45-147		0.877	30	
1,2-Dibromoethane	10		"	10.0		99.8	83-124		1.41	30	
1,2-Dichlorobenzene	10		"	10.0		100	79-123		3.87	30	
1,2-Dichloroethane	10		"	10.0		102	73-132		0.197	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		4.36	30	
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131		4.96	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-130		3.44	30	
1,4-Dichlorobenzene	10		"	10.0		101	85-130		2.61	30	
1,4-Dioxane	200		"	210		97.5	10-349		2.34	30	
2-Butanone	8.0		"	10.0		79.8	49-152		2.28	30	
2-Hexanone	9.2		"	10.0		92.3	51-146		0.871	30	
4-Methyl-2-pentanone	10		"	10.0		103	57-145		1.18	30	
Acetone	5.4		"	10.0		53.9	14-150		1.11	30	
Acrolein	13		"	10.0		130	10-153		0.307	30	
Acrylonitrile	11		"	10.0		109	51-150		1.47	30	
Benzene	11		"	10.0		106	85-126		4.84	30	
Bromochloromethane	10		"	10.0		102	77-128		1.28	30	
Bromodichloromethane	10		"	10.0		103	79-128		4.55	30	
Bromoform	10		"	10.0		104	78-133		2.13	30	
Bromomethane	10		"	10.0		104	43-168		36.6	30	Non-dir.
Carbon disulfide	10		"	10.0		105	68-146		1.06	30	
Carbon tetrachloride	11		"	10.0		107	77-141		5.46	30	
Chlorobenzene	10		"	10.0		101	88-120		4.33	30	
Chloroethane	10		"	10.0		104	65-136		7.25	30	
Chloroform	10		"	10.0		102	82-128		4.20	30	
Chloromethane	9.5		"	10.0		94.8	43-155		5.75	30	
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129		3.55	30	
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131		1.92	30	
Cyclohexane	11		"	10.0		108	63-149		5.21	30	
Dibromochloromethane	10		"	10.0		104	80-130		1.75	30	
Dibromomethane	10		"	10.0		101	72-134		2.01	30	
Dichlorodifluoromethane	9.1		"	10.0		91.0	44-144		5.19	30	
Ethyl Benzene	11		"	10.0		105	80-131		4.28	30	
Hexachlorobutadiene	9.0		"	10.0		90.4	67-146		11.0	30	
Isopropylbenzene	9.9		"	10.0		99.1	76-140		4.75	30	
Methyl acetate	9.8		"	10.0		98.0	51-139		0.717	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		1.98	30	
Methylcyclohexane	11		"	10.0		108	72-143		6.63	30	
Methylene chloride	11		"	10.0		111	55-137		2.36	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10100 - EPA 5030B											
LCS Dup (BE10100-BSD1)											
Prepared & Analyzed: 05/04/2021											
n-Butylbenzene	9.1		ug/L	10.0		90.9	79-132		8.85	30	
n-Propylbenzene	10		"	10.0		101	78-133		5.37	30	
o-Xylene	10		"	10.0		102	78-130		4.30	30	
p- & m- Xylenes	21		"	20.0		106	77-133		4.84	30	
p-Isopropyltoluene	10		"	10.0		105	81-136		6.60	30	
sec-Butylbenzene	11		"	10.0		107	79-137		6.96	30	
Styrene	11		"	10.0		108	67-132		3.77	30	
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162		1.62	30	
tert-Butylbenzene	9.9		"	10.0		98.9	77-138		6.36	30	
Tetrachloroethylene	5.6		"	10.0		56.0	82-131	Low Bias	5.32	30	
Toluene	10		"	10.0		104	80-127		4.03	30	
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		4.16	30	
trans-1,3-Dichloropropylene	11		"	10.0		105	78-131		1.05	30	
trans-1,4-dichloro-2-butene	9.8		"	10.0		98.1	63-141		3.32	30	
Trichloroethylene	9.4		"	10.0		93.8	82-128		4.69	30	
Trichlorofluoromethane	11		"	10.0		111	67-139		3.46	30	
Vinyl Chloride	10		"	10.0		103	58-145		4.87	30	
<i>Surrogate: SURRE: 1,2-Dichloroethane-d4</i>	9.90		"	10.0		99.0	69-130				
<i>Surrogate: SURRE: Toluene-d8</i>	9.88		"	10.0		98.8	81-117				
<i>Surrogate: SURRE: p-Bromofluorobenzene</i>	9.85		"	10.0		98.5	79-122				

Batch BE10112 - EPA 5030B

Blank (BE10112-BLK1)											
Prepared & Analyzed: 05/04/2021											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10112 - EPA 5030B

Blank (BE10112-BLK1)

Prepared & Analyzed: 05/04/2021

Bromochloromethane	ND	0.50	ug/L								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	8.9	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURRE: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.74		"	10.0		97.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BE10112 - EPA 5030B										
LCS (BE10112-BS1)										
Prepared & Analyzed: 05/04/2021										
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0		94.1	82-126			
1,1,1-Trichloroethane	10		"	10.0		100	78-136			
1,1,2,2-Tetrachloroethane	9.9		"	10.0		99.2	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	54-165			
1,1,2-Trichloroethane	10		"	10.0		99.9	82-123			
1,1-Dichloroethane	10		"	10.0		101	82-129			
1,1-Dichloroethylene	10		"	10.0		103	68-138			
1,2,3-Trichlorobenzene	9.4		"	10.0		94.3	40-130			
1,2,3-Trichloropropane	9.2		"	10.0		92.0	77-128			
1,2,4-Trichlorobenzene	10		"	10.0		101	65-137			
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132			
1,2-Dibromo-3-chloropropane	7.0		"	10.0		70.4	45-147			
1,2-Dibromoethane	9.7		"	10.0		97.1	83-124			
1,2-Dichlorobenzene	10		"	10.0		103	79-123			
1,2-Dichloroethane	10		"	10.0		104	73-132			
1,2-Dichloropropane	9.7		"	10.0		96.7	78-126			
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131			
1,3-Dichlorobenzene	10		"	10.0		102	86-130			
1,4-Dichlorobenzene	10		"	10.0		102	85-130			
1,4-Dioxane	310		"	210		145	10-349			
2-Butanone	9.5		"	10.0		94.9	49-152			
2-Hexanone	7.6		"	10.0		76.3	51-146			
4-Methyl-2-pentanone	7.3		"	10.0		73.1	57-145			
Acetone	7.2		"	10.0		71.9	14-150			
Acrolein	11		"	10.0		110	10-153			
Acrylonitrile	9.0		"	10.0		90.1	51-150			
Benzene	11		"	10.0		106	85-126			
Bromochloromethane	10		"	10.0		103	77-128			
Bromodichloromethane	9.4		"	10.0		93.8	79-128			
Bromoform	7.6		"	10.0		75.8	78-133	Low Bias		
Bromomethane	13		"	10.0		130	43-168			
Carbon disulfide	9.5		"	10.0		95.1	68-146			
Carbon tetrachloride	9.5		"	10.0		94.8	77-141			
Chlorobenzene	10		"	10.0		102	88-120			
Chloroethane	12		"	10.0		121	65-136			
Chloroform	10		"	10.0		104	82-128			
Chloromethane	9.8		"	10.0		98.4	43-155			
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129			
cis-1,3-Dichloropropylene	8.9		"	10.0		88.8	80-131			
Cyclohexane	11		"	10.0		106	63-149			
Dibromochloromethane	8.6		"	10.0		86.2	80-130			
Dibromomethane	9.7		"	10.0		96.8	72-134			
Dichlorodifluoromethane	11		"	10.0		108	44-144			
Ethyl Benzene	10		"	10.0		103	80-131			
Hexachlorobutadiene	9.6		"	10.0		96.1	67-146			
Isopropylbenzene	9.7		"	10.0		97.3	76-140			
Methyl acetate	10		"	10.0		101	51-139			
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.6	76-135			
Methylcyclohexane	10		"	10.0		100	72-143			
Methylene chloride	9.6		"	10.0		96.5	55-137			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10112 - EPA 5030B											
LCS (BE10112-BS1)											
Prepared & Analyzed: 05/04/2021											
n-Butylbenzene	10		ug/L	10.0		105	79-132				
n-Propylbenzene	9.9		"	10.0		99.3	78-133				
o-Xylene	10		"	10.0		101	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
p-Isopropyltoluene	10		"	10.0		102	81-136				
sec-Butylbenzene	11		"	10.0		106	79-137				
Styrene	10		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	51		"	50.0		101	25-162				
tert-Butylbenzene	9.4		"	10.0		94.4	77-138				
Tetrachloroethylene	6.8		"	10.0		68.0	82-131	Low Bias			
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		84.0	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		102	63-141				
Trichloroethylene	9.9		"	10.0		99.2	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	11		"	10.0		111	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.36</i>		<i>"</i>	<i>10.0</i>		<i>93.6</i>	<i>79-122</i>				
LCS Dup (BE10112-BSD1)											
Prepared & Analyzed: 05/04/2021											
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0		93.6	82-126		0.533	30	
1,1,1-Trichloroethane	9.6		"	10.0		96.0	78-136		4.58	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129		1.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		5.37	30	
1,1,2-Trichloroethane	10		"	10.0		99.8	82-123		0.100	30	
1,1-Dichloroethane	9.7		"	10.0		96.6	82-129		4.16	30	
1,1-Dichloroethylene	9.7		"	10.0		97.4	68-138		5.88	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		98.5	40-130		4.36	30	
1,2,3-Trichloropropane	9.8		"	10.0		98.5	77-128		6.82	30	
1,2,4-Trichlorobenzene	10		"	10.0		105	65-137		3.30	30	
1,2,4-Trimethylbenzene	9.9		"	10.0		98.9	82-132		2.40	30	
1,2-Dibromo-3-chloropropane	7.1		"	10.0		71.2	45-147		1.13	30	
1,2-Dibromoethane	9.7		"	10.0		97.0	83-124		0.103	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		0.580	30	
1,2-Dichloroethane	10		"	10.0		104	73-132		0.674	30	
1,2-Dichloropropane	9.6		"	10.0		95.8	78-126		0.935	30	
1,3,5-Trimethylbenzene	9.9		"	10.0		99.3	80-131		2.19	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-130		1.38	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-130		0.784	30	
1,4-Dioxane	300		"	210		145	10-349		0.558	30	
2-Butanone	9.1		"	10.0		91.2	49-152		3.98	30	
2-Hexanone	7.6		"	10.0		76.3	51-146		0.00	30	
4-Methyl-2-pentanone	7.6		"	10.0		76.1	57-145		4.02	30	
Acetone	6.6		"	10.0		66.3	14-150		8.10	30	
Acrolein	12		"	10.0		119	10-153		7.43	30	
Acrylonitrile	9.1		"	10.0		90.9	51-150		0.884	30	
Benzene	10		"	10.0		102	85-126		3.95	30	
Bromochloromethane	10		"	10.0		101	77-128		2.06	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10112 - EPA 5030B

LCS Dup (BE10112-BSD1)

Prepared & Analyzed: 05/04/2021

Bromodichloromethane	9.2		ug/L	10.0		92.4	79-128		1.50	30
Bromoform	7.6		"	10.0		76.3	78-133	Low Bias	0.657	30
Bromomethane	13		"	10.0		133	43-168		2.66	30
Carbon disulfide	9.0		"	10.0		89.7	68-146		5.84	30
Carbon tetrachloride	9.1		"	10.0		91.1	77-141		3.98	30
Chlorobenzene	10		"	10.0		99.5	88-120		2.09	30
Chloroethane	11		"	10.0		113	65-136		6.41	30
Chloroform	10		"	10.0		99.5	82-128		4.13	30
Chloromethane	9.4		"	10.0		93.5	43-155		5.11	30
cis-1,2-Dichloroethylene	9.8		"	10.0		97.6	83-129		4.21	30
cis-1,3-Dichloropropylene	8.9		"	10.0		88.8	80-131		0.00	30
Cyclohexane	10		"	10.0		100	63-149		6.10	30
Dibromochloromethane	8.7		"	10.0		87.1	80-130		1.04	30
Dibromomethane	9.8		"	10.0		98.5	72-134		1.74	30
Dichlorodifluoromethane	10		"	10.0		103	44-144		5.22	30
Ethyl Benzene	9.9		"	10.0		99.0	80-131		3.57	30
Hexachlorobutadiene	9.4		"	10.0		93.7	67-146		2.53	30
Isopropylbenzene	9.4		"	10.0		94.2	76-140		3.24	30
Methyl acetate	10		"	10.0		100	51-139		0.694	30
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.5	76-135		0.909	30
Methylcyclohexane	9.6		"	10.0		96.1	72-143		3.98	30
Methylene chloride	9.5		"	10.0		94.8	55-137		1.78	30
n-Butylbenzene	10		"	10.0		103	79-132		2.12	30
n-Propylbenzene	9.7		"	10.0		97.1	78-133		2.24	30
o-Xylene	9.9		"	10.0		99.2	78-130		1.70	30
p- & m- Xylenes	20		"	20.0		100	77-133		2.91	30
p-Isopropyltoluene	10		"	10.0		100	81-136		2.37	30
sec-Butylbenzene	10		"	10.0		104	79-137		2.67	30
Styrene	9.9		"	10.0		99.0	67-132		1.10	30
tert-Butyl alcohol (TBA)	53		"	50.0		106	25-162		4.27	30
tert-Butylbenzene	9.2		"	10.0		91.8	77-138		2.79	30
Tetrachloroethylene	6.6		"	10.0		65.6	82-131	Low Bias	3.59	30
Toluene	10		"	10.0		101	80-127		3.12	30
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		4.10	30
trans-1,3-Dichloropropylene	8.3		"	10.0		82.9	78-131		1.32	30
trans-1,4-dichloro-2-butene	8.3		"	10.0		83.1	63-141		20.0	30
Trichloroethylene	9.6		"	10.0		95.6	82-128		3.70	30
Trichlorofluoromethane	10		"	10.0		101	67-139		5.01	30
Vinyl Chloride	10		"	10.0		102	58-145		7.69	30
<i>Surrogate: Surr: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>			
<i>Surrogate: Surr: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81-117</i>			
<i>Surrogate: Surr: p-Bromofluorobenzene</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</i>	<i>79-122</i>			



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10218 - SPE Ext-PFAS-EPA 537.1M

Blank (BE10218-BLK1)

Prepared: 05/05/2021 Analyzed: 05/06/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	87.8		"	74.3		118	25-150				
Surrogate: M5PFHxA	91.2		"	80.0		114	25-150				
Surrogate: M4PFHpA	91.3		"	80.0		114	25-150				
Surrogate: M3PFHxS	86.4		"	75.7		114	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	95.8		"	80.0		120	25-150				
Surrogate: M6PFDA	85.9		"	80.0		107	25-150				
Surrogate: M7PFUdA	71.2		"	80.0		89.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	47.7		"	80.0		59.6	25-150				
Surrogate: M2PFTeDA	9.33		"	80.0		11.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.7		"	80.0		116	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	97.8		"	76.6		128	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	92.2		"	80.0		115	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	34.7		"	80.0		43.4	10-150				
Surrogate: d3-N-MeFOSAA	53.7		"	80.0		67.1	25-150				
Surrogate: d5-N-EtFOSAA	61.9		"	80.0		77.4	25-150				
Surrogate: M2-6:2 FTS	86.3		"	75.9		114	25-150				
Surrogate: M2-8:2 FTS	96.8		"	76.6		126	25-150				
Surrogate: M9PFNA	93.7		"	80.0		117	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10218 - SPE Ext-PFAS-EPA 537.1M

LCS (BE10218-BS1)

Prepared: 05/05/2021 Analyzed: 05/06/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	77.7	2.00	ng/L	76.8		101	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	75.4	5.00	"	76.0		99.2	50-130				
N-EtFOSAA	80.5	2.00	"	80.0		101	50-130				
N-MeFOSAA	86.8	2.00	"	80.0		109	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	64.7	2.00	"	77.2		83.8	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	81.1	2.00	"	76.0		107	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	81.4	2.00	"	80.0		102	50-130				
Perfluorobutanesulfonic acid (PFBS)	71.1	2.00	"	70.8		100	50-130				
Perfluorodecanoic acid (PFDA)	83.5	2.00	"	80.0		104	50-130				
Perfluorododecanoic acid (PFDoA)	84.6	2.00	"	80.0		106	50-130				
Perfluoroheptanoic acid (PFHpA)	78.8	2.00	"	80.0		98.5	50-130				
Perfluorohexanesulfonic acid (PFHxS)	74.9	2.00	"	73.0		103	50-130				
Perfluorohexanoic acid (PFHxA)	83.1	2.00	"	80.0		104	50-130				
Perfluoro-n-butanoic acid (PFBA)	82.8	2.00	"	80.0		104	50-130				
Perfluorononanoic acid (PFNA)	76.4	2.00	"	80.0		95.5	50-130				
Perfluorooctanesulfonic acid (PFOS)	79.8	2.00	"	74.1		108	50-130				
Perfluorooctanoic acid (PFOA)	79.6	2.00	"	80.0		99.6	50-130				
Perfluoropentanoic acid (PFPeA)	81.5	2.00	"	80.0		102	50-130				
Perfluorotetradecanoic acid (PFTA)	81.5	2.00	"	80.0		102	50-130				
Perfluorotridecanoic acid (PFTTrDA)	58.1	2.00	"	80.0		72.7	50-130				
Perfluoroundecanoic acid (PFUnA)	78.1	2.00	"	80.0		97.6	50-130				
Surrogate: M3PFBS	82.5		"	74.3		111	25-150				
Surrogate: M5PFHxA	85.5		"	80.0		107	25-150				
Surrogate: M4PFHpA	85.8		"	80.0		107	25-150				
Surrogate: M3PFHxS	82.7		"	75.7		109	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	87.2		"	80.0		109	25-150				
Surrogate: M6PFDA	82.3		"	80.0		103	25-150				
Surrogate: M7PFUdA	78.1		"	80.0		97.6	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	72.5		"	80.0		90.6	25-150				
Surrogate: M2PFTeDA	27.2		"	80.0		34.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.3		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.0		"	76.6		107	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	86.6		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	29.6		"	80.0		37.0	10-150				
Surrogate: d3-N-MeFOSAA	70.5		"	80.0		88.1	25-150				
Surrogate: d5-N-EtFOSAA	76.4		"	80.0		95.5	25-150				
Surrogate: M2-6:2 FTS	96.0		"	75.9		126	25-150				
Surrogate: M2-8:2 FTS	88.6		"	76.6		116	25-150				
Surrogate: M9PFNA	85.4		"	80.0		107	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10218 - SPE Ext-PFAS-EPA 537.1M

LCS Dup (BE10218-BSD1)

Prepared: 05/05/2021 Analyzed: 05/06/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	67.6	2.00	ng/L	76.8		88.1	50-130		13.8	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.0	5.00	"	76.0		97.4	50-130		1.80	30	
N-EtFOSAA	79.5	2.00	"	80.0		99.4	50-130		1.20	30	
N-MeFOSAA	85.1	2.00	"	80.0		106	50-130		1.98	30	
Perfluoro-1-decanesulfonic acid (PFDS)	51.3	2.00	"	77.2		66.5	50-130		23.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.6	2.00	"	76.0		106	50-130		0.506	30	
Perfluoro-1-octanesulfonamide (FOSA)	74.2	2.00	"	80.0		92.8	50-130		9.27	30	
Perfluorobutanesulfonic acid (PFBS)	69.9	2.00	"	70.8		98.8	50-130		1.60	30	
Perfluorodecanoic acid (PFDA)	75.5	2.00	"	80.0		94.4	50-130		10.0	30	
Perfluorododecanoic acid (PFDoA)	79.5	2.00	"	80.0		99.4	50-130		6.25	30	
Perfluoroheptanoic acid (PFHpA)	75.8	2.00	"	80.0		94.8	50-130		3.85	30	
Perfluorohexanesulfonic acid (PFHxS)	74.6	2.00	"	73.0		102	50-130		0.354	30	
Perfluorohexanoic acid (PFHxA)	77.6	2.00	"	80.0		97.0	50-130		6.87	30	
Perfluoro-n-butanoic acid (PFBA)	79.9	2.00	"	80.0		99.9	50-130		3.53	30	
Perfluorononanoic acid (PFNA)	72.9	2.00	"	80.0		91.1	50-130		4.67	30	
Perfluorooctanesulfonic acid (PFOS)	78.6	2.00	"	74.1		106	50-130		1.47	30	
Perfluorooctanoic acid (PFOA)	75.0	2.00	"	80.0		93.7	50-130		6.02	30	
Perfluoropentanoic acid (PFPeA)	80.2	2.00	"	80.0		100	50-130		1.70	30	
Perfluorotetradecanoic acid (PFTA)	77.6	2.00	"	80.0		97.0	50-130		4.94	30	
Perfluorotridecanoic acid (PFTTrDA)	45.1	2.00	"	80.0		56.4	50-130		25.2	30	
Perfluoroundecanoic acid (PFUnA)	76.7	2.00	"	80.0		95.8	50-130		1.87	30	
Surrogate: M3PFBS	78.1		"	74.3		105	25-150				
Surrogate: M5PFHxA	81.3		"	80.0		102	25-150				
Surrogate: M4PFHpA	81.6		"	80.0		102	25-150				
Surrogate: M3PFHxS	75.5		"	75.7		99.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	79.2		"	80.0		99.0	25-150				
Surrogate: M6PFDA	70.7		"	80.0		88.4	25-150				
Surrogate: M7PFUdA	56.3		"	80.0		70.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	37.2		"	80.0		46.5	25-150				
Surrogate: M2PFTeDA	12.9		"	80.0		16.1	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	82.5		"	80.0		103	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	73.8		"	76.6		96.4	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.3		"	80.0		100	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.2		"	80.0		27.7	10-150				
Surrogate: d3-N-MeFOSAA	37.5		"	80.0		46.8	25-150				
Surrogate: d5-N-EtFOSAA	33.6		"	80.0		42.0	25-150				
Surrogate: M2-6:2 FTS	76.4		"	75.9		101	25-150				
Surrogate: M2-8:2 FTS	72.4		"	76.6		94.4	25-150				
Surrogate: M9PFNA	79.1		"	80.0		98.9	25-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10377 - Preparation for GC Analysis											
Blank (BE10377-BLK1)										Prepared & Analyzed: 05/10/2021	
Ethylene Glycol	ND	10.0	mg/L								
Propylene Glycol	ND	10.0	"								
<i>Surrogate: 1,4-Butanediol</i>	<i>43.4</i>		<i>"</i>	<i>50.0</i>		<i>86.8</i>	<i>30-130</i>				
LCS (BE10377-BS1)										Prepared & Analyzed: 05/10/2021	
Ethylene Glycol	56.7	10.0	mg/L	50.0		113	60-140				
Propylene Glycol	55.3	10.0	"	50.0		111	60-140				
<i>Surrogate: 1,4-Butanediol</i>	<i>59.1</i>		<i>"</i>	<i>50.0</i>		<i>118</i>	<i>30-130</i>				
Duplicate (BE10377-DUP1)										Prepared & Analyzed: 05/10/2021	
*Source sample: 21E0013-03 (FMW-37)											
Ethylene Glycol	ND	20.0	mg/L		ND						25
Propylene Glycol	ND	20.0	"		ND						25
<i>Surrogate: 1,4-Butanediol</i>	<i>88.8</i>		<i>"</i>	<i>100</i>		<i>88.8</i>	<i>30-130</i>				
Matrix Spike (BE10377-MS1)										Prepared & Analyzed: 05/10/2021	
*Source sample: 21E0013-03 (FMW-37)											
Ethylene Glycol	62.4	20.0	mg/L	100	ND	62.4	60-140				
Propylene Glycol	77.2	20.0	"	100	ND	77.2	60-140				
<i>Surrogate: 1,4-Butanediol</i>	<i>94.8</i>		<i>"</i>	<i>100</i>		<i>94.8</i>	<i>30-130</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E0013-04	DPWMW-3	40mL 01_Clear Vial Cool to 4° C
21E0013-06	Field Blank	40mL 01_Clear Vial Cool to 4° C
21E0013-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

YORK
 ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

21E0013

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: WSTWA	Company:	Address: 505 South Park Dr	Address:	Company:	Company:	Address: Westchester County	34022180001610	RUSH - Next Day	RUSH - Next Day
Phone: 914-161-2961	Phone:	Phone: SAME	Phone:	Address: Airport (WCA)	Address:	Address:		RUSH - Two Day	RUSH - Two Day
Contact: John Benafan	Contact:	Contact:	Contact:	Contact:	Contact:	Contact:		RUSH - Three Day	RUSH - Three Day
E-mail: John.Benafan@wstwa.com	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:		RUSH - Four Day	RUSH - Four Day
								Standard (5-7 Day)	Standard (5-7 Day)

YOUR PO#:		Report / EDD Type (circle selections)		YORK Reg. Comp	
Summary Report	CT RCP	Standard	Excel EDD	Compared to the following Regulation(s): (please fill in)	
QA Report	CT RCP DQA/DUE	EQUS (Standard)	EQUS (Standard)		
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS	NYSDEC EQUIS		
NY ASP B Package	NJKDKQP	NJDEP SRP HazSite	NJDEP SRP HazSite		
		Other:	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Descriptive
FMW-11	GW	4/30/21 0900	EP4507	2P, 3VAC, 16, 2U
ADD MW-13	↓	0945	9260 Full list 1, 4 Dissolve (6) by 20	X
FMW-37	↓	1030		X
DRWMW-3	↓	1100		X
FMU-17	↓	1130		X
Field Blank	DE	1150		X
.. Trip Blank	↓			X

Comments:

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

Company	Date/Time	Company	Date/Time
WSTWA	4/30/21 1200	Chic	5-3-21 9:00
		Chic	5-3-21
			5/3/2021 1530

Temp. Received at Lab: 3.8



Technical Report

prepared for:

WSP USA, Inc. (White Plains, NY)
500 Summit Lake Drive, Suite 450
Valhalla NY, 10595
Attention: John Benvegna

Report Date: 05/28/2021
Client Project ID: 31402218.000 TASK 01.00 Westchester Cnty (WCA)
York Project (SDG) No.: 21E0937

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

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/28/2021

Client Project ID: 31402218.000 TASK 01.00 Westchester Cnty (WCA)

York Project (SDG) No.: 21E0937

WSP USA, Inc. (White Plains, NY)

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

Attention: John Benvegna

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 May 21, 2021 and listed below. The project was identified as your project: **31402218.000 TASK 01.00 Westchester Cnty (WCA)**.

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>
21E0937-01	XDDMW-11	Water	05/20/2021	05/21/2021
21E0937-02	FMW-25	Water	05/20/2021	05/21/2021
21E0937-03	FMW-39	Water	05/20/2021	05/21/2021
21E0937-04	FIELD BLANK	Water	05/20/2021	05/21/2021
21E0937-05	TRIP BLANK	Water	05/20/2021	05/21/2021

General Notes for York Project (SDG) No.: 21E0937

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

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 05/28/2021





Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21E0937-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0937	31402218.000 TASK 01.00 Westchester Cnty (WCA)	Water	May 20, 2021 10:30 am	05/21/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	5.60		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	05/26/2021 08:16	05/27/2021 11:17	KH
	Surrogate Recoveries	Result					Acceptance Range			
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %					36.6-118			

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.6		ng/L	5.21	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	3.39		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	18.0		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	40.2		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	149		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	59.1		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	32.1		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
375-95-1	* Perfluorononanoic acid (PFNA)	11.6		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL



Sample Information

Client Sample ID: XDDMW-11

York Sample ID: 21E0937-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0937

31402218.000 TASK 01.00 Westchester Cnty (WCA)

Water

May 20, 2021 10:30 am

05/21/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	66.3		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	28.6		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	80.7		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.08	2	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:13	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		79.2 %	25-150							
Surrogate: M5PFHxA		93.9 %	25-150							
Surrogate: M4PFHpA		59.4 %	25-150							
Surrogate: M3PFHxS		79.2 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		86.4 %	25-150							
Surrogate: M6PFDA		95.3 %	25-150							
Surrogate: M7PFUdA		94.2 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		90.5 %	25-150							
Surrogate: M2PFTeDA		77.2 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		32.2 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		88.1 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		56.5 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		57.3 %	10-150							
Surrogate: d3-N-MeFOSAA		105 %	25-150							
Surrogate: d5-N-EtFOSAA		125 %	25-150							
Surrogate: M2-6:2 FTS		293 %	PFSu-H	25-150						
Surrogate: M2-8:2 FTS		380 %	PFSu-H	25-150						
Surrogate: M9PFNA		90.2 %	25-150							



Sample Information

Client Sample ID: FMW-25

York Sample ID: 21E0937-02

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 12:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	------------------------------------------------------	------------------------------------

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/28/2021 04:22	05/28/2021 07:41	CM
57-55-6	* Propylene Glycol	ND		mg/L	20.0	1	GC/FID Certifications:	05/28/2021 04:22	05/28/2021 07:41	CM
Surrogate Recoveries		Result	Acceptance Range							
110-63-4	Surrogate: 1,4-Butanediol	92.8 %	30-130							

Sample Information

Client Sample ID: FMW-39

York Sample ID: 21E0937-03

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 12:40 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21E0937-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0937

31402218.000 TASK 01.00 Westchester Cnty (WCA)

Water

May 20, 2021 12:40 pm

05/21/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
67-64-1	Acetone	1.8	CCV-E, ICV-E, SCAL- E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
107-02-8	Acrolein	2.9	CCV-E	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21E0937-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0937

31402218.000 TASK 01.00 Westchester Cnty (WCA)

Water

May 20, 2021 12:40 pm

05/21/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD



Sample Information

Client Sample ID: FMW-39

York Sample ID: 21E0937-03

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 12:40 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	------------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
108-88-3	Toluene	48		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/21/2021 09:00	05/24/2021 15:42	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 15:42	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/21/2021 09:00	05/24/2021 15:42	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	101 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	96.0 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	97.8 %	79-122								

Sample Information

Client Sample ID: FIELD BLANK

York Sample ID: 21E0937-04

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 1:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	-----------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL



Sample Information

Client Sample ID: FIELD BLANK

York Sample ID: 21E0937-04

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 1:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	-----------------------------------------------------	------------------------------------

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	05/26/2021 11:13	05/28/2021 16:35	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	92.6 %	25-150
Surrogate: M5PFHxA	92.1 %	25-150
Surrogate: M4PFHpA	87.9 %	25-150
Surrogate: M3PFHxS	89.2 %	25-150



Sample Information

Client Sample ID: FIELD BLANK

York Sample ID: 21E0937-04

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0937	31402218.000 TASK 01.00 Westchester Cnty (WCA)	Water	May 20, 2021 1:00 pm	05/21/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	101 %			25-150					
	Surrogate: M6PFDA	112 %			25-150					
	Surrogate: M7PFUdA	94.4 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	103 %			25-150					
	Surrogate: M2PFTeDA	79.1 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	103 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	99.1 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	94.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	81.7 %			10-150					
	Surrogate: d3-N-MeFOSAA	113 %			25-150					
	Surrogate: d5-N-EtFOSAA	154 %	PFSu-H		25-150					
	Surrogate: M2-6:2 FTS	378 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	588 %	PFSu-H		25-150					
	Surrogate: M9PFNA	94.4 %			25-150					

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21E0937-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0937	31402218.000 TASK 01.00 Westchester Cnty (WCA)	Water	May 20, 2021 3:00 pm	05/21/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21E0937-05

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 3:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	-----------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
67-64-1	Acetone	8.4		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
71-43-2	Benzene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21E0937-05

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 3:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	-----------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21E0937-05

<u>York Project (SDG) No.</u> 21E0937	<u>Client Project ID</u> 31402218.000 TASK 01.00 Westchester Cnty (WCA)	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 20, 2021 3:00 pm	<u>Date Received</u> 05/21/2021
------------------------------------------	----------------------------------------------------------------------------	------------------------	-----------------------------------------------------	------------------------------------

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/21/2021 09:00	05/24/2021 11:26	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/21/2021 09:00	05/24/2021 11:26	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/21/2021 09:00	05/24/2021 11:26	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.8 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.9 %	79-122								



Analytical Batch Summary

Batch ID: BE11170 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21E0937-03	FMW-39	05/21/21
21E0937-05	TRIP BLANK	05/21/21
BE11170-BLK1	Blank	05/24/21
BE11170-BS1	LCS	05/24/21
BE11170-BSD1	LCS Dup	05/24/21

Batch ID: BE11320 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21E0937-01	XDDMW-11	05/26/21
BE11320-BLK1	Blank	05/26/21
BE11320-BS1	LCS	05/26/21
BE11320-MS1	Matrix Spike	05/26/21
BE11320-MSD1	Matrix Spike Dup	05/26/21

Batch ID: BE11340 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21E0937-01	XDDMW-11	05/26/21
21E0937-04	FIELD BLANK	05/26/21
BE11340-BLK1	Blank	05/26/21
BE11340-BS1	LCS	05/26/21
BE11340-BSD1	LCS Dup	05/26/21

Batch ID: BE11461 **Preparation Method:** Preparation for GC Analysis **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
21E0937-02	FMW-25	05/28/21
BE11461-BLK1	Blank	05/28/21
BE11461-BS1	LCS	05/28/21
BE11461-DUP1	Duplicate	05/28/21
BE11461-MS1	Matrix Spike	05/28/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE11170 - EPA 5030B

Blank (BE11170-BLK1)

Prepared & Analyzed: 05/24/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.1	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	0.23	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE11170 - EPA 5030B

Blank (BE11170-BLK1)

Prepared & Analyzed: 05/24/2021

Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.95		"	10.0		99.5	69-130				
Surrogate: SURRE: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				

LCS (BE11170-BS1)

Prepared & Analyzed: 05/24/2021

1,1,1,2-Tetrachloroethane	9.1		ug/L	10.0		91.0	82-126				
1,1,1-Trichloroethane	10		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.4		"	10.0		93.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		119	54-165				
1,1,2-Trichloroethane	8.9		"	10.0		88.7	82-123				
1,1-Dichloroethane	9.7		"	10.0		96.8	82-129				
1,1-Dichloroethylene	12		"	10.0		117	68-138				
1,2,3-Trichlorobenzene	9.4		"	10.0		93.9	40-130				
1,2,3-Trichloropropane	8.8		"	10.0		88.0	77-128				
1,2,4-Trichlorobenzene	8.9		"	10.0		88.8	65-137				
1,2,4-Trimethylbenzene	9.0		"	10.0		89.6	82-132				
1,2-Dibromo-3-chloropropane	9.1		"	10.0		91.4	45-147				
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124				
1,2-Dichlorobenzene	8.9		"	10.0		88.8	79-123				
1,2-Dichloroethane	9.5		"	10.0		95.1	73-132				
1,2-Dichloropropane	8.8		"	10.0		88.4	78-126				
1,3,5-Trimethylbenzene	8.9		"	10.0		89.1	80-131				
1,3-Dichlorobenzene	9.0		"	10.0		90.5	86-130				
1,4-Dichlorobenzene	9.1		"	10.0		90.6	85-130				
1,4-Dioxane	190		"	210		90.7	10-349				
2-Butanone	9.4		"	10.0		94.3	49-152				
2-Hexanone	8.7		"	10.0		87.1	51-146				
4-Methyl-2-pentanone	9.3		"	10.0		92.8	57-145				
Acetone	6.4		"	10.0		63.9	14-150				
Acrolein	16		"	10.0		155	10-153	High Bias			
Acrylonitrile	9.8		"	10.0		97.6	51-150				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE11170 - EPA 5030B

LCS (BE11170-BS1)

Prepared & Analyzed: 05/24/2021

Benzene	10		ug/L	10.0		102	85-126				
Bromochloromethane	9.4		"	10.0		94.4	77-128				
Bromodichloromethane	9.0		"	10.0		90.3	79-128				
Bromoform	9.1		"	10.0		91.4	78-133				
Bromomethane	11		"	10.0		110	43-168				
Carbon disulfide	15		"	10.0		151	68-146	High Bias			
Carbon tetrachloride	10		"	10.0		104	77-141				
Chlorobenzene	9.1		"	10.0		91.3	88-120				
Chloroethane	11		"	10.0		107	65-136				
Chloroform	9.3		"	10.0		93.3	82-128				
Chloromethane	10		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		99.8	83-129				
cis-1,3-Dichloropropylene	9.3		"	10.0		92.6	80-131				
Cyclohexane	12		"	10.0		123	63-149				
Dibromochloromethane	9.2		"	10.0		92.0	80-130				
Dibromomethane	9.0		"	10.0		89.6	72-134				
Dichlorodifluoromethane	11		"	10.0		114	44-144				
Ethyl Benzene	9.5		"	10.0		95.3	80-131				
Hexachlorobutadiene	8.3		"	10.0		83.2	67-146				
Isopropylbenzene	8.7		"	10.0		87.0	76-140				
Methyl acetate	8.8		"	10.0		88.2	51-139				
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		94.8	76-135				
Methylcyclohexane	12		"	10.0		118	72-143				
Methylene chloride	9.4		"	10.0		94.3	55-137				
n-Butylbenzene	8.0		"	10.0		79.8	79-132				
n-Propylbenzene	8.9		"	10.0		88.8	78-133				
o-Xylene	9.2		"	10.0		91.6	78-130				
p- & m- Xylenes	19		"	20.0		96.4	77-133				
p-Isopropyltoluene	9.2		"	10.0		92.2	81-136				
sec-Butylbenzene	9.4		"	10.0		93.7	79-137				
Styrene	9.6		"	10.0		95.7	67-132				
tert-Butyl alcohol (TBA)	52		"	50.0		104	25-162				
tert-Butylbenzene	8.7		"	10.0		86.8	77-138				
Tetrachloroethylene	5.3		"	10.0		53.4	82-131	Low Bias			
Toluene	9.6		"	10.0		96.3	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	9.0		"	10.0		89.9	78-131				
trans-1,4-dichloro-2-butene	8.7		"	10.0		87.4	63-141				
Trichloroethylene	9.1		"	10.0		91.4	82-128				
Trichlorofluoromethane	12		"	10.0		119	67-139				
Vinyl Chloride	11		"	10.0		106	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.60</i>		<i>"</i>	<i>10.0</i>		<i>96.0</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11170 - EPA 5030B											
LCS Dup (BE11170-BSD1)											
Prepared & Analyzed: 05/24/2021											
1,1,1,2-Tetrachloroethane	9.0		ug/L	10.0		90.3	82-126		0.772	30	
1,1,1-Trichloroethane	9.9		"	10.0		98.7	78-136		3.09	30	
1,1,2,2-Tetrachloroethane	9.6		"	10.0		95.5	76-129		1.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		115	54-165		3.68	30	
1,1,2-Trichloroethane	8.8		"	10.0		88.4	82-123		0.339	30	
1,1-Dichloroethane	9.5		"	10.0		94.9	82-129		1.98	30	
1,1-Dichloroethylene	11		"	10.0		113	68-138		3.48	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		93.8	40-130		0.107	30	
1,2,3-Trichloropropane	8.8		"	10.0		88.3	77-128		0.340	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		88.9	65-137		0.113	30	
1,2,4-Trimethylbenzene	8.9		"	10.0		89.4	82-132		0.223	30	
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.9	45-147		0.546	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		0.00	30	
1,2-Dichlorobenzene	8.9		"	10.0		88.6	79-123		0.225	30	
1,2-Dichloroethane	9.6		"	10.0		95.7	73-132		0.629	30	
1,2-Dichloropropane	8.8		"	10.0		87.7	78-126		0.795	30	
1,3,5-Trimethylbenzene	9.0		"	10.0		89.6	80-131		0.560	30	
1,3-Dichlorobenzene	8.9		"	10.0		88.8	86-130		1.90	30	
1,4-Dichlorobenzene	9.0		"	10.0		90.2	85-130		0.442	30	
1,4-Dioxane	190		"	210		91.1	10-349		0.482	30	
2-Butanone	9.6		"	10.0		95.7	49-152		1.47	30	
2-Hexanone	8.9		"	10.0		89.4	51-146		2.61	30	
4-Methyl-2-pentanone	9.4		"	10.0		94.5	57-145		1.82	30	
Acetone	6.5		"	10.0		65.4	14-150		2.32	30	
Acrolein	16		"	10.0		163	10-153	High Bias	5.03	30	
Acrylonitrile	10		"	10.0		99.9	51-150		2.33	30	
Benzene	10		"	10.0		99.7	85-126		2.38	30	
Bromochloromethane	9.6		"	10.0		95.9	77-128		1.58	30	
Bromodichloromethane	8.9		"	10.0		89.3	79-128		1.11	30	
Bromoform	9.2		"	10.0		92.4	78-133		1.09	30	
Bromomethane	11		"	10.0		107	43-168		2.77	30	
Carbon disulfide	14		"	10.0		143	68-146		5.50	30	
Carbon tetrachloride	10		"	10.0		101	77-141		3.03	30	
Chlorobenzene	9.0		"	10.0		90.4	88-120		0.991	30	
Chloroethane	10		"	10.0		104	65-136		3.60	30	
Chloroform	9.3		"	10.0		92.6	82-128		0.753	30	
Chloromethane	9.8		"	10.0		97.9	43-155		3.61	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.5	83-129		1.31	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		91.4	80-131		1.30	30	
Cyclohexane	12		"	10.0		119	63-149		3.56	30	
Dibromochloromethane	9.2		"	10.0		91.5	80-130		0.545	30	
Dibromomethane	9.0		"	10.0		89.5	72-134		0.112	30	
Dichlorodifluoromethane	11		"	10.0		108	44-144		5.05	30	
Ethyl Benzene	9.4		"	10.0		93.8	80-131		1.59	30	
Hexachlorobutadiene	8.7		"	10.0		86.9	67-146		4.35	30	
Isopropylbenzene	8.6		"	10.0		85.9	76-140		1.27	30	
Methyl acetate	9.0		"	10.0		89.9	51-139		1.91	30	
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		96.3	76-135		1.57	30	
Methylcyclohexane	11		"	10.0		114	72-143		3.55	30	
Methylene chloride	9.4		"	10.0		94.4	55-137		0.106	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE11170 - EPA 5030B

LCS Dup (BE11170-BSD1)

Prepared & Analyzed: 05/24/2021

n-Butylbenzene	8.2		ug/L	10.0		81.6	79-132		2.23	30	
n-Propylbenzene	8.8		"	10.0		87.9	78-133		1.02	30	
o-Xylene	9.1		"	10.0		91.3	78-130		0.328	30	
p- & m- Xylenes	19		"	20.0		95.3	77-133		1.20	30	
p-Isopropyltoluene	9.3		"	10.0		92.9	81-136		0.756	30	
sec-Butylbenzene	9.4		"	10.0		93.8	79-137		0.107	30	
Styrene	9.5		"	10.0		94.9	67-132		0.839	30	
tert-Butyl alcohol (TBA)	53		"	50.0		105	25-162		1.64	30	
tert-Butylbenzene	8.6		"	10.0		86.4	77-138		0.462	30	
Tetrachloroethylene	5.2		"	10.0		51.6	82-131	Low Bias	3.43	30	
Toluene	9.4		"	10.0		94.4	80-127		1.99	30	
trans-1,2-Dichloroethylene	11		"	10.0		112	80-132		2.13	30	
trans-1,3-Dichloropropylene	9.0		"	10.0		90.1	78-131		0.222	30	
trans-1,4-dichloro-2-butene	8.7		"	10.0		86.7	63-141		0.804	30	
Trichloroethylene	8.8		"	10.0		88.4	82-128		3.34	30	
Trichlorofluoromethane	11		"	10.0		112	67-139		5.71	30	
Vinyl Chloride	9.9		"	10.0		98.9	58-145		7.40	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.82</i>		<i>"</i>	<i>10.0</i>		<i>98.2</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>	<i>79-122</i>				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11320 - EPA 3535A											
Blank (BE11320-BLK1)											
						Prepared: 05/26/2021 Analyzed: 05/27/2021					
1,4-Dioxane	ND	0.300	ug/L								
<i>Surrogate: 1,4-Dioxane-d8</i>	3.36		"	4.00		84.0	36.6-118				
LCS (BE11320-BS1)											
						Prepared: 05/26/2021 Analyzed: 05/27/2021					
1,4-Dioxane	4.50	0.300	ug/L	4.00		112	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.56		"	4.00		64.0	36.6-118				
Matrix Spike (BE11320-MS1)											
*Source sample: 21E0937-01 (XDDMW-11)						Prepared: 05/26/2021 Analyzed: 05/27/2021					
1,4-Dioxane	10.5	0.300	ug/L	4.00	5.60	123	50-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	3.04		"	4.00		76.0	50-130				
Matrix Spike Dup (BE11320-MSD1)											
*Source sample: 21E0937-01 (XDDMW-11)						Prepared: 05/26/2021 Analyzed: 05/27/2021					
1,4-Dioxane	10.2	0.300	ug/L	4.00	5.60	116	50-130		2.93	30	
<i>Surrogate: 1,4-Dioxane-d8</i>	2.88		"	4.00		72.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE11340 - SPE Ext-PFAS-EPA 537.1M

Blank (BE11340-BLK1)

Prepared: 05/26/2021 Analyzed: 05/28/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
N-EtFOSAA	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Surrogate: M3PFBS	71.4		"	74.3		96.1	25-150				
Surrogate: M5PFHxA	76.6		"	80.0		95.8	25-150				
Surrogate: M4PFHpA	72.5		"	80.0		90.6	25-150				
Surrogate: M3PFHxS	72.8		"	75.7		96.1	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	83.1		"	80.0		104	25-150				
Surrogate: M6PFDA	85.0		"	80.0		106	25-150				
Surrogate: M7PFUdA	83.0		"	80.0		104	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	83.8		"	80.0		105	25-150				
Surrogate: M2PFTeDA	56.0		"	80.0		70.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.7		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	82.7		"	76.6		108	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	79.6		"	80.0		99.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	68.2		"	80.0		85.3	10-150				
Surrogate: d3-N-MeFOSAA	86.4		"	80.0		108	25-150				
Surrogate: d5-N-EtFOSAA	99.7		"	80.0		125	25-150				
Surrogate: M2-6:2 FTS	243		"	75.9		320	25-150				
Surrogate: M2-8:2 FTS	310		"	76.6		405	25-150				
Surrogate: M9PFNA	78.6		"	80.0		98.2	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE11340 - SPE Ext-PFAS-EPA 537.1M

LCS (BE11340-BS1)

Prepared: 05/26/2021 Analyzed: 05/28/2021

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	69.8	2.00	ng/L	76.8		90.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	78.5	5.00	"	76.0		103	50-130				
N-EtFOSAA	77.9	2.00	"	80.0		97.4	50-130				
N-MeFOSAA	88.1	2.00	"	80.0		110	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	73.7	2.00	"	77.2		95.5	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	75.8	2.00	"	76.0		99.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	76.3	2.00	"	80.0		95.3	50-130				
Perfluorobutanesulfonic acid (PFBS)	65.7	2.00	"	70.8		92.8	50-130				
Perfluorodecanoic acid (PFDA)	88.6	2.00	"	80.0		111	50-130				
Perfluorododecanoic acid (PFDoA)	74.0	2.00	"	80.0		92.5	50-130				
Perfluoroheptanoic acid (PFHpA)	73.7	2.00	"	80.0		92.1	50-130				
Perfluorohexanesulfonic acid (PFHxS)	72.2	2.00	"	73.0		99.0	50-130				
Perfluorohexanoic acid (PFHxA)	78.0	2.00	"	80.0		97.5	50-130				
Perfluoro-n-butanoic acid (PFBA)	78.2	2.00	"	80.0		97.8	50-130				
Perfluorononanoic acid (PFNA)	67.5	2.00	"	80.0		84.4	50-130				
Perfluorooctanesulfonic acid (PFOS)	78.1	2.00	"	74.1		105	50-130				
Perfluorooctanoic acid (PFOA)	72.0	2.00	"	80.0		90.0	50-130				
Perfluoropentanoic acid (PFPeA)	81.7	2.00	"	80.0		102	50-130				
Perfluorotetradecanoic acid (PFTA)	79.2	2.00	"	80.0		99.0	50-130				
Perfluorotridecanoic acid (PFTTrDA)	73.4	2.00	"	80.0		91.7	50-130				
Perfluoroundecanoic acid (PFUnA)	78.0	2.00	"	80.0		97.4	50-130				
Surrogate: M3PFBS	68.4		"	74.3		92.1	25-150				
Surrogate: M5PFHxA	73.6		"	80.0		91.9	25-150				
Surrogate: M4PFHpA	68.8		"	80.0		86.0	25-150				
Surrogate: M3PFHxS	70.3		"	75.7		92.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	76.7		"	80.0		95.9	25-150				
Surrogate: M6PFDA	64.7		"	80.0		80.8	25-150				
Surrogate: M7PFUdA	75.8		"	80.0		94.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.7		"	80.0		102	25-150				
Surrogate: M2PFTeDA	66.8		"	80.0		83.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	83.1		"	80.0		104	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	69.5		"	76.6		90.8	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	73.4		"	80.0		91.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	68.0		"	80.0		84.9	10-150				
Surrogate: d3-N-MeFOSAA	85.6		"	80.0		107	25-150				
Surrogate: d5-N-EtFOSAA	85.7		"	80.0		107	25-150				
Surrogate: M2-6:2 FTS	271		"	75.9		357	25-150				
Surrogate: M2-8:2 FTS	299		"	76.6		390	25-150				
Surrogate: M9PFNA	74.5		"	80.0		93.1	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BE11340 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BE11340-BSD1)											
Prepared: 05/26/2021 Analyzed: 05/28/2021											
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	61.0	2.00	ng/L	76.8		79.4	50-130			13.5	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	71.9	5.00	"	76.0		94.6	50-130			8.80	30
N-EtFOSAA	72.9	2.00	"	80.0		91.2	50-130			6.56	30
N-MeFOSAA	87.0	2.00	"	80.0		109	50-130			1.24	30
Perfluoro-1-decanesulfonic acid (PFDS)	67.1	2.00	"	77.2		86.9	50-130			9.39	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	71.5	2.00	"	76.0		94.0	50-130			5.91	30
Perfluoro-1-octanesulfonamide (FOSA)	66.8	2.00	"	80.0		83.5	50-130			13.2	30
Perfluorobutanesulfonic acid (PFBS)	57.4	2.00	"	70.8		81.1	50-130			13.5	30
Perfluorodecanoic acid (PFDA)	71.3	2.00	"	80.0		89.1	50-130			21.6	30
Perfluorododecanoic acid (PFDoA)	70.5	2.00	"	80.0		88.1	50-130			4.92	30
Perfluoroheptanoic acid (PFHpA)	68.1	2.00	"	80.0		85.2	50-130			7.84	30
Perfluorohexanesulfonic acid (PFHxS)	63.9	2.00	"	73.0		87.6	50-130			12.2	30
Perfluorohexanoic acid (PFHxA)	72.4	2.00	"	80.0		90.5	50-130			7.48	30
Perfluoro-n-butanoic acid (PFBA)	73.6	2.00	"	80.0		91.9	50-130			6.13	30
Perfluorononanoic acid (PFNA)	65.9	2.00	"	80.0		82.3	50-130			2.47	30
Perfluorooctanesulfonic acid (PFOS)	73.1	2.00	"	74.1		98.7	50-130			6.50	30
Perfluorooctanoic acid (PFOA)	63.0	2.00	"	80.0		78.8	50-130			13.3	30
Perfluoropentanoic acid (PFPeA)	76.0	2.00	"	80.0		95.0	50-130			7.15	30
Perfluorotetradecanoic acid (PFTA)	72.6	2.00	"	80.0		90.7	50-130			8.76	30
Perfluorotridecanoic acid (PFTTrDA)	66.3	2.00	"	80.0		82.9	50-130			10.1	30
Perfluoroundecanoic acid (PFUnA)	71.7	2.00	"	80.0		89.7	50-130			8.32	30
Surrogate: M3PFBS	66.6		"	74.3		89.5	25-150				
Surrogate: M5PFHxA	71.8		"	80.0		89.8	25-150				
Surrogate: M4PFHpA	69.4		"	80.0		86.7	25-150				
Surrogate: M3PFHxS	70.1		"	75.7		92.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	79.2		"	80.0		99.0	25-150				
Surrogate: M6PFDA	75.9		"	80.0		94.9	25-150				
Surrogate: M7PFUdA	74.7		"	80.0		93.3	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	82.1		"	80.0		103	25-150				
Surrogate: M2PFTeDA	63.7		"	80.0		79.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	80.0		"	80.0		100	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	69.9		"	76.6		91.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	72.7		"	80.0		90.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	69.3		"	80.0		86.6	10-150				
Surrogate: d3-N-MeFOSAA	78.0		"	80.0		97.4	25-150				
Surrogate: d5-N-EtFOSAA	80.5		"	80.0		101	25-150				
Surrogate: M2-6:2 FTS	199		"	75.9		262	25-150				
Surrogate: M2-8:2 FTS	227		"	76.6		296	25-150				
Surrogate: M9PFNA	72.9		"	80.0		91.1	25-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11461 - Preparation for GC Analysis											
Blank (BE11461-BLK1)										Prepared & Analyzed: 05/28/2021	
Ethylene Glycol	ND	20.0	mg/L								
Propylene Glycol	ND	20.0	"								
<i>Surrogate: 1,4-Butanediol</i>	<i>66.1</i>		<i>"</i>	<i>100</i>		<i>66.1</i>	<i>30-130</i>				
LCS (BE11461-BS1)										Prepared & Analyzed: 05/28/2021	
Ethylene Glycol	83.6	20.0	mg/L	100		83.6	60-140				
Propylene Glycol	103	20.0	"	100		103	60-140				
<i>Surrogate: 1,4-Butanediol</i>	<i>114</i>		<i>"</i>	<i>100</i>		<i>114</i>	<i>30-130</i>				
Duplicate (BE11461-DUP1)										Prepared & Analyzed: 05/28/2021	
*Source sample: 21E0937-02 (FMW-25)											
Ethylene Glycol	ND	20.0	mg/L		ND						25
Propylene Glycol	ND	20.0	"		ND						25
<i>Surrogate: 1,4-Butanediol</i>	<i>85.4</i>		<i>"</i>	<i>100</i>		<i>85.4</i>	<i>30-130</i>				
Matrix Spike (BE11461-MS1)										Prepared & Analyzed: 05/28/2021	
*Source sample: 21E0937-02 (FMW-25)											
Ethylene Glycol	45.1	20.0	mg/L	100	ND	45.1	60-140	Low Bias			
Propylene Glycol	61.1	20.0	"	100	ND	61.1	60-140				
<i>Surrogate: 1,4-Butanediol</i>	<i>81.4</i>		<i>"</i>	<i>100</i>		<i>81.4</i>	<i>30-130</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E0937-03	FMW-39	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21E0937-05	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.
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).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



YOUR INFORMATION

Company: **WSP**
 Address: **500 SUMMIT LAKE RD.**
VAUGHAN, NY 10595
 Phone: **914 694 5711**
 Contact: **JOHN BENEKOWSKI@WSP.COM**
 E-mail:

Report To:

Company:
 Address: **← SAME**
 Phone:
 Contact:
 E-mail:

Invoice To:

Company:
 Address: **← SAME**
 Phone:
 Contact:
 E-mail:

Field Chain-of-Custody Record

YORK Project No. **21E0937**

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Project Number **31402218,000** ¹⁴⁵
 YOUR Project Name **WESTCHESTER COUNTY AIRPORT (WCA)**

Turn-Around Time
 RUSH - Next Day
 RUSH - Two Day
 RUSH - Three Day
 RUSH - Four Day
 Standard (5-7 Day)

Page **1** of **1**

YOUR PO#:

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

Michael K. De Feice
 Samples Collected by: (print your name above and sign below)
Michael K. De Feice

Report / EDD Type (circle selections)

Summary Report Standard Excel EDD
 QA Report EQUIS (Standard)
 NY ASP A Package **NYSDEC EQUIS**
 NY ASP B Package NJDEP SRP HazSite
 Other:

Samples From

New York
 New Jersey
 Connecticut
 Pennsylvania
 Other

Matrix Codes

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

Analysis Requested

EPA 537 8260 Full **1,4-Diox. GC/MS**
 2 UVP. KMB/537
 2 UVP. VOA
 3 VOAS w/HLL
 1 537 Plus. VAP
 2 VOAS w/HLL

Container Description

2 UVP. KMB/537
2 UVP. VOA
3 VOAS w/HLL
1 537 Plus. VAP
2 VOAS w/HLL

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description	Special Instruction
XDD MW-11	GW	5.20.21 1030	EPA 537 <input checked="" type="checkbox"/> 8260 Full 1,4-Diox. GC/MS	2 UVP. KMB/537	
FMW-25	↓	1200	<input checked="" type="checkbox"/>	2 UVP. VOA	
FMW-39	DF	1240	<input checked="" type="checkbox"/>	3 VOAS w/HLL	
FIELD BANK	↓	1300	<input checked="" type="checkbox"/>	1 537 Plus. VAP	
TRIP BANK	↓	—	<input checked="" type="checkbox"/>	2 VOAS w/HLL	
Comments:					
Received by / Company Michael K. De Feice	Samples Relinquished by / Company Chie	Date/Time 5.21.21	HCl <input checked="" type="checkbox"/> MeOH ___ HNO ₃ ___ H ₂ SO ₄ ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___	Field Filtered ___ Lab to Filter ___	Date/Time 5-21-21 1552
Received by / Company	Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Date/Time
Received by / Company	Samples Relinquished by / Company	Date/Time	Samples Received in LAB by YBLOCKIN 5/21/21 1552	Date/Time	Temp. Received at Lab 1.0