

Exhibit A



An **Olgoonik** Company



Engineering and Environmental Science

CORPORATE HEADQUARTERS

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631-737-6200
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May 9, 2024

Mr. Steven M. Scharf, PE
Project Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation, Remedial Bureau A
625 Broadway, 12th Floor
Albany, NY 12233-7015

Re: **Remedial Investigation – Phase II Onsite Data Transmittal
and Proposed Phase III Scope of Work
East Hampton Airport Site, NYSDEC Site #152250
200 Daniels Hole Road, Wainscott, NY
FPM File No. 1028g-22-74 (04)**

Dear Steven:

FPM Group, Ltd. (FPM) is hereby submitting the data resulting from Phase II of the onsite Remedial Investigation (RI) of Inactive Hazardous Waste Disposal (Superfund) Site #152250, identified as the East Hampton Airport Site, Wainscott, Suffolk County, New York (Site) for New York State Department of Environmental Conservation (NYSDEC) review. A digital copy has been uploaded to the NYSDEC's File Transfer System (FTS) and directed to your attention. A digital copy has also been transmitted to Ms. Sarita Wagh at the New York State Department of Health via the FTS. The lab reports for the work described herein have been uploaded to the NYSDEC's electronic information management system (EIMS).

The proposed scope of work for Phase III of the onsite RI is also presented herein for your approval.

Phase II Onsite RI Sampling

Phase II of the onsite RI included delineation soil sampling, leaching pool sampling, and groundwater vertical profiles. All work was performed in accordance with the NYSDEC-approved RI/FS Work Plan and subsequent approvals. Figures showing the sampling locations and summarized data to date from the RI and Site Characterization (SC) are presented in Attachment A. All tables are provided in Attachment B. The results have been compared to current applicable guidance values.

The Phase II work will be fully documented in the RI Report. Boring logs and data usability summary reports (DUSRs) have been completed and will be included in the RI Report.

Proposed Scope of Work for Phase III RI

A preliminary scope of work for the next phase(s) of the RI was presented in the RI/FS Work Plan and generally included onsite monitoring well installation, surveying, and sampling, as well as offsite vertical profile groundwater sampling. Based on the Phase II onsite RI results, modifications are recommended to the originally-proposed monitoring well locations. Further, vertical profiles are recommended to delineate the downgradient extent of identified PFAS plumes

Mr. Steven M. Scharf, PE

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May 9, 2024

in offsite areas. Additional soil and leaching pool sampling is also recommended in an area north of the Airport's Parking Lot Area.

The recommended scopes of work for each investigation area of the Site are presented on Table 1 in Attachment C and shown on Figure 1 in Attachment C. All proposed investigation work will be conducted in accordance with the approved RI/FS Work Plan and subsequent NYSDEC approvals and will be overseen by a Qualified Environmental Professional.

The proposed monitoring well screen intervals are based on the existing vertical profile results. The final screen intervals will also be based on the lithology observed prior to well installation – screens will not be installed across fine-grained units that may be barriers to groundwater flow. Following well installation, the wells will be developed and their locations and top of casing elevations will be surveyed to the nearest 0.01 foot. The wells will be sampled during a Site-wide groundwater monitoring event.

Additional research has identified several plane crash locations where the East Hampton Fire Department evidently used fire-fighting foam that were not known when the RI/FS Work Plan was prepared. The plane crash locations with AFFF use identified from photographs and published accounts are shown on Figure 2.2.4.1 in Attachment A. A groundwater vertical profile is proposed for one of these areas. We recommend conferring on whether sampling should be performed in any other of these areas.

Please confirm NYSDEC approval of the proposed scope of work for Phase III of the onsite RI or provide any comments you may have to the undersigned. Should you require additional information, please do not hesitate to call me at (631) 737-6200, ext. 528. Thank you in advance for your attention to this data transmittal and our recommendations.

Very truly yours,



Stephanie O. Davis, PG
Senior Project Manager
Vice President

SOD:sod

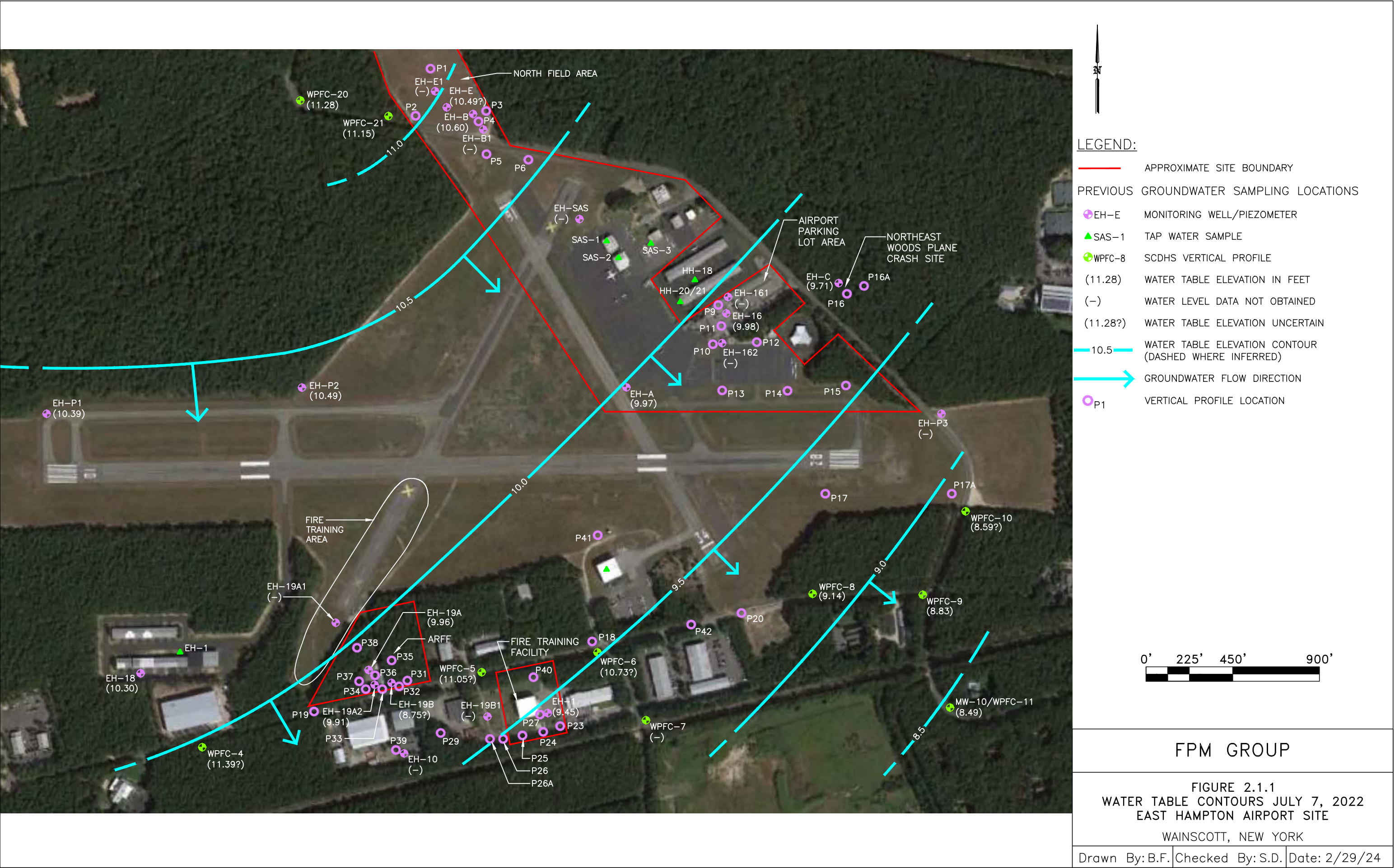
cc: Sarita S. Wagh, NYSDOH
Nicholas C. Rigano, Esq.

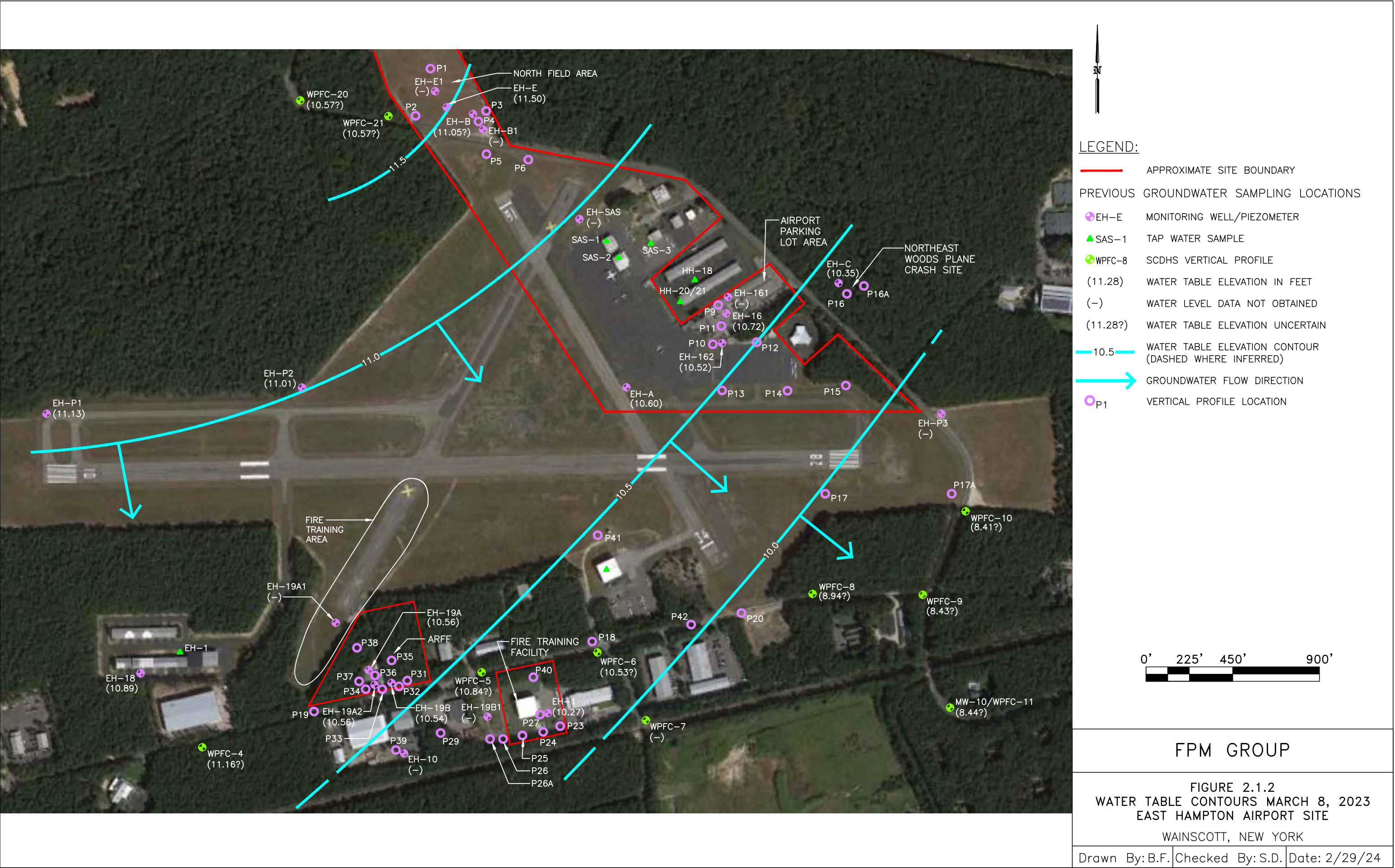
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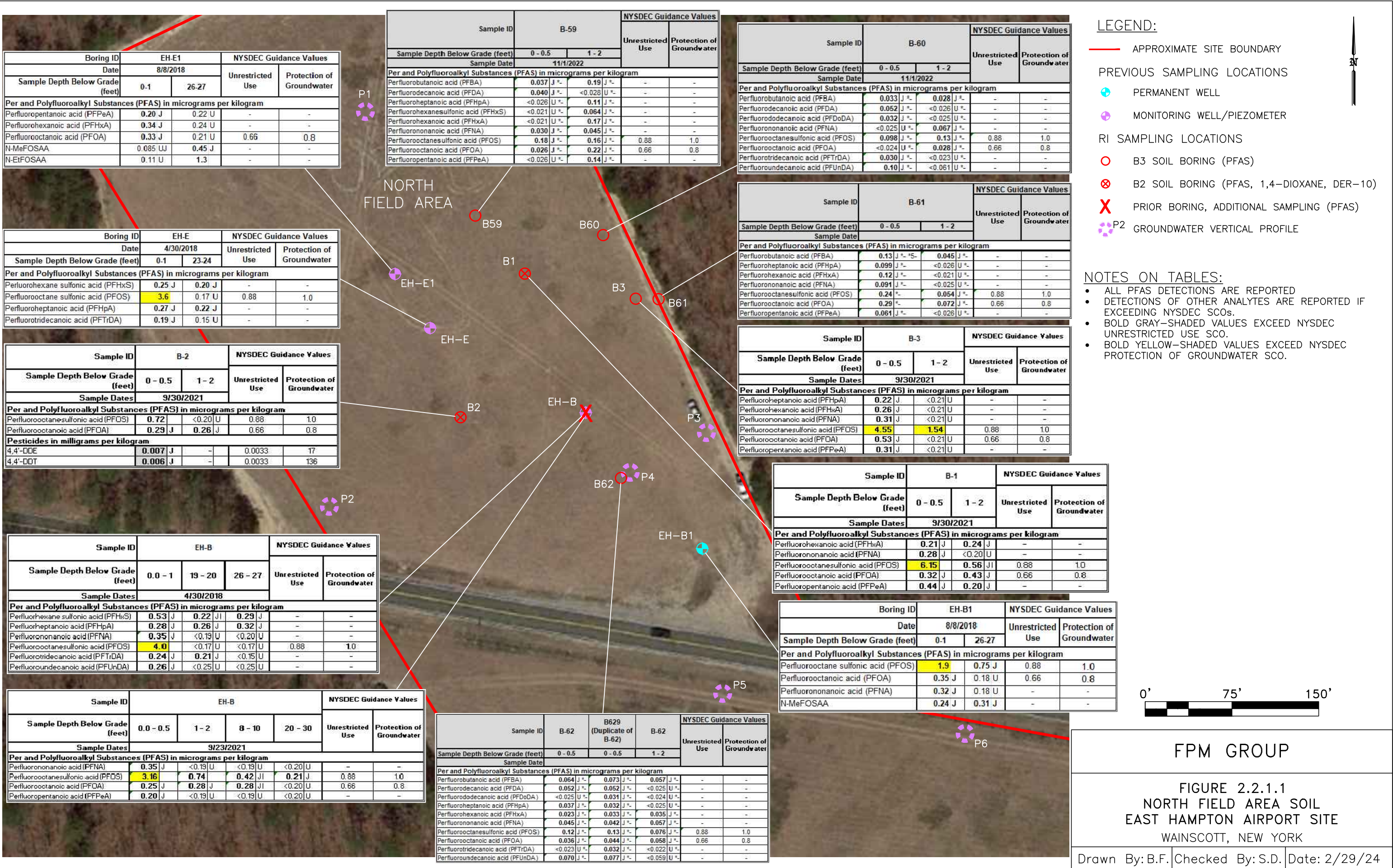
FPM

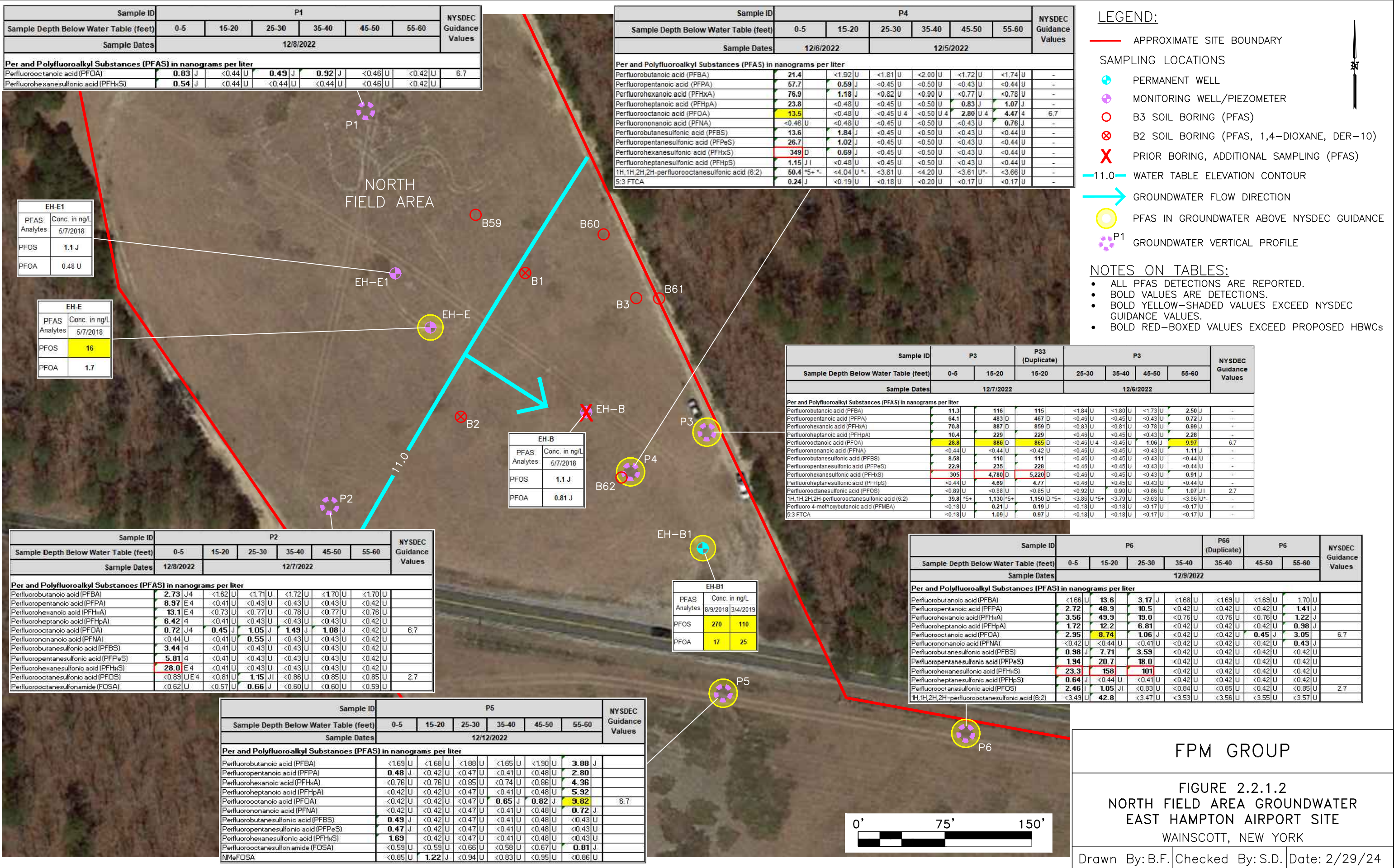
ATTACHMENT A

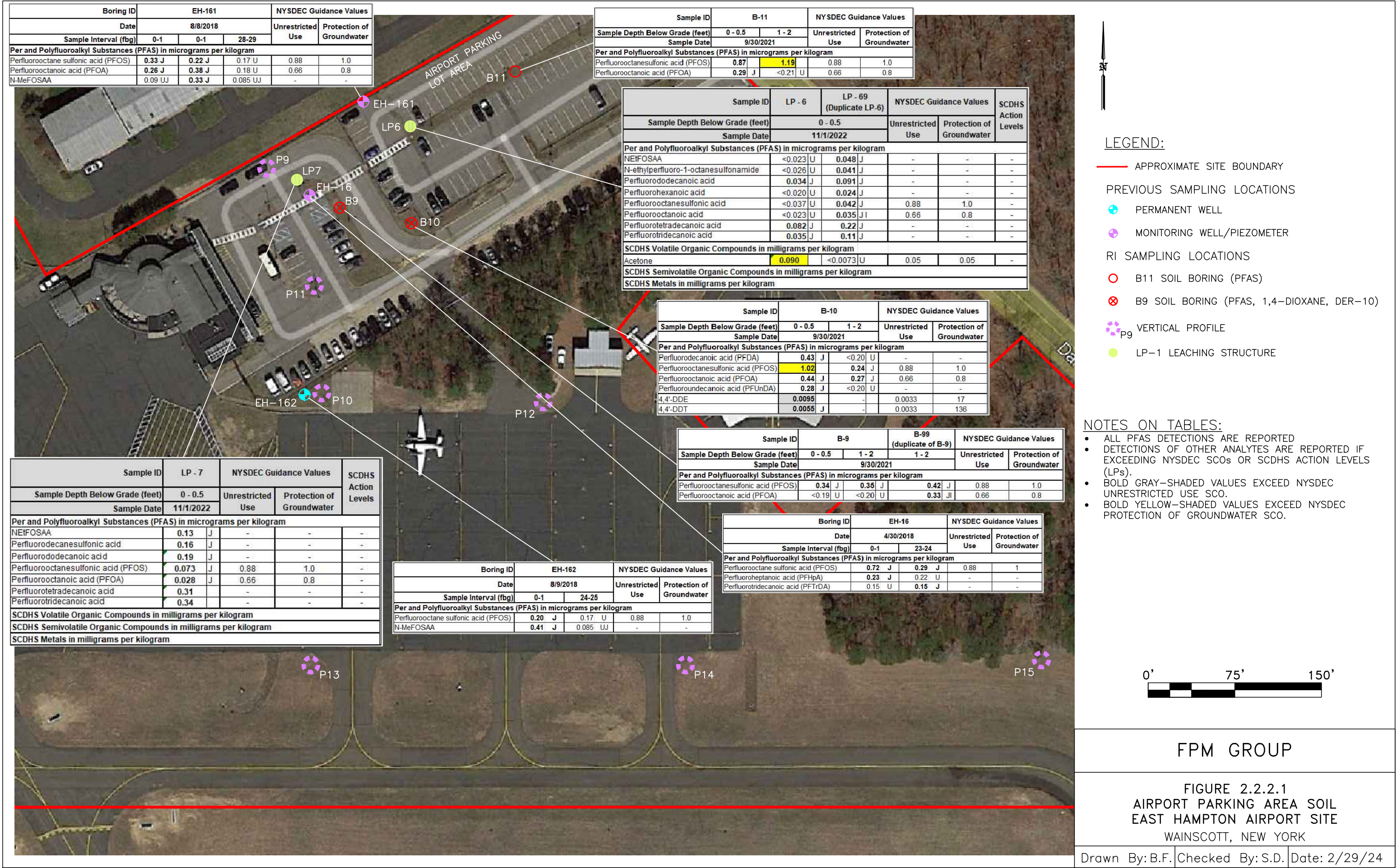
PHASE II RI FIGURES



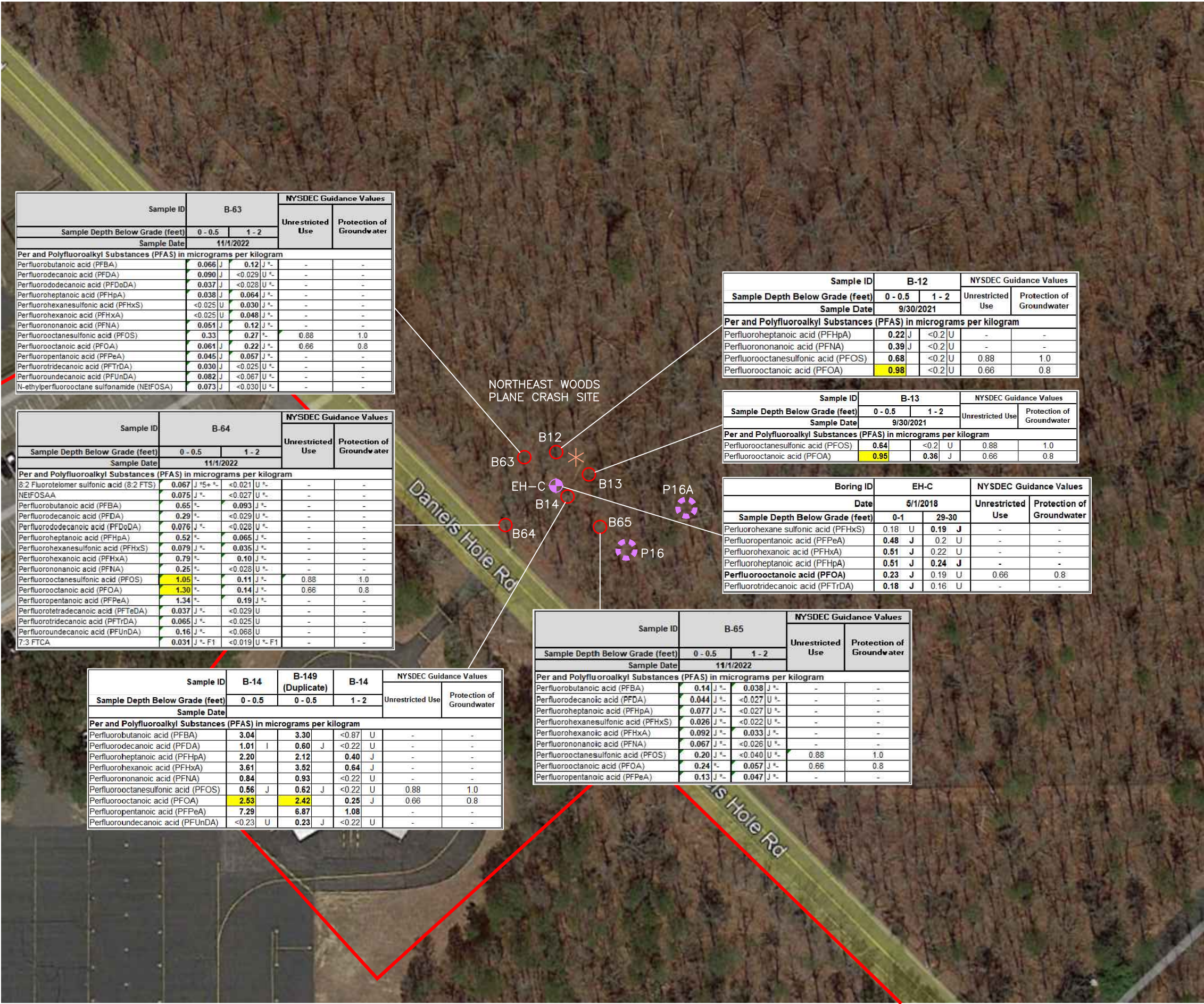








2-13

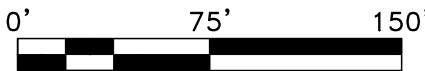


LEGEND:

- APPROXIMATE SITE BOUNDARY
- PREVIOUS SAMPLING LOCATIONS
- PERMANENT WELL
- MONITORING WELL/PIEZOMETER
- RI SAMPLING LOCATIONS
- B11 SOIL BORING (PFAS)
- B9 SOIL BORING (PFAS, 1,4-DIOXANE, DER-10)
- GROUNDWATER VERTICAL PROFILE

NOTES ON TABLES:

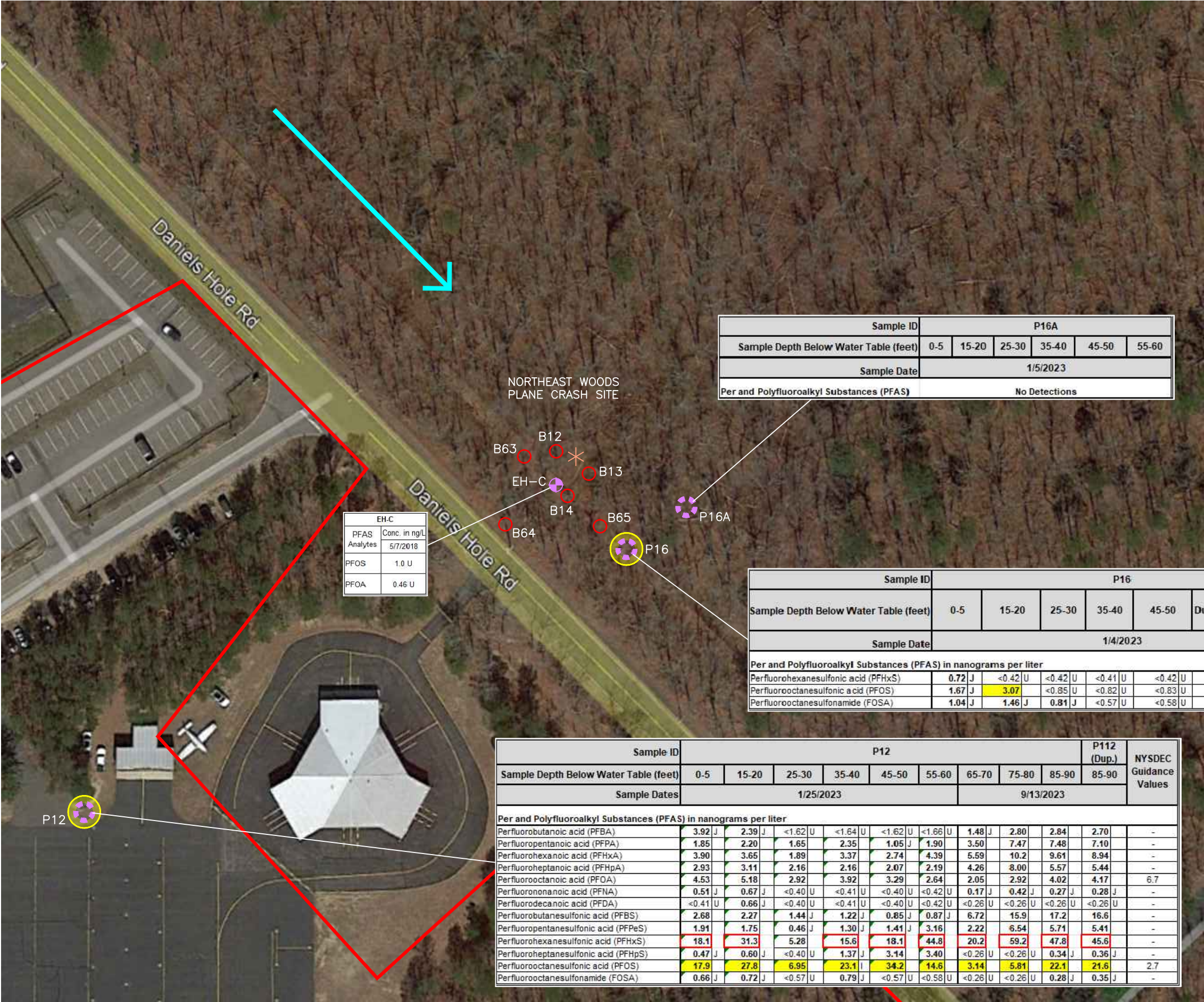
- ALL PFAS DETECTIONS ARE REPORTED
- DETECTIONS OF OTHER ANALYTES ARE REPORTED IF EXCEEDING NYSDEC SCOs.
- BOLD GRAY-SHADED VALUES EXCEED NYSDEC UNRESTRICTED USE SCO.
- BOLD YELLOW-SHADED VALUES EXCEED NYSDEC PROTECTION OF GROUNDWATER SCO.



FPM GROUP

FIGURE 2.2.3.1
NE WOODS PLANE CRASH AREA SOIL
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. Checked By: S.D. Date: 2/29/24

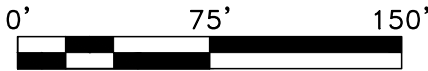


LEGEND:

- APPROXIMATE SITE BOUNDARY
- PREVIOUS SAMPLING LOCATIONS
 - PERMANENT WELL
 - MONITORING WELL/PIEZOMETER
- RI SAMPLING LOCATIONS
 - B11 SOIL BORING (PFAS)
 - P16 GROUNDWATER VERTICAL PROFILE
- GROUNDWATER FLOW DIRECTION
- PFAS IN GROUNDWATER ABOVE NYSDEC GUIDANCE

NOTES ON TABLES:

- ALL PFAS DETECTIONS ARE REPORTED.
- BOLD VALUES ARE DETECTIONS.
- BOLD YELLOW-SHADED VALUES EXCEED NYSDEC GUIDANCE VALUES.
- RED BOXED VALUES EXCEED USEPA PROPOSED HBWCs.



FPM GROUP

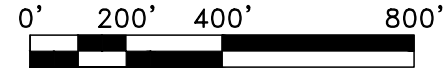
FIGURE 2.2.3.2
NE WOODS PLANE CRASH
AREA GROUNDWATER
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. Checked By: S.D. Date: 2/29/24



LEGEND:

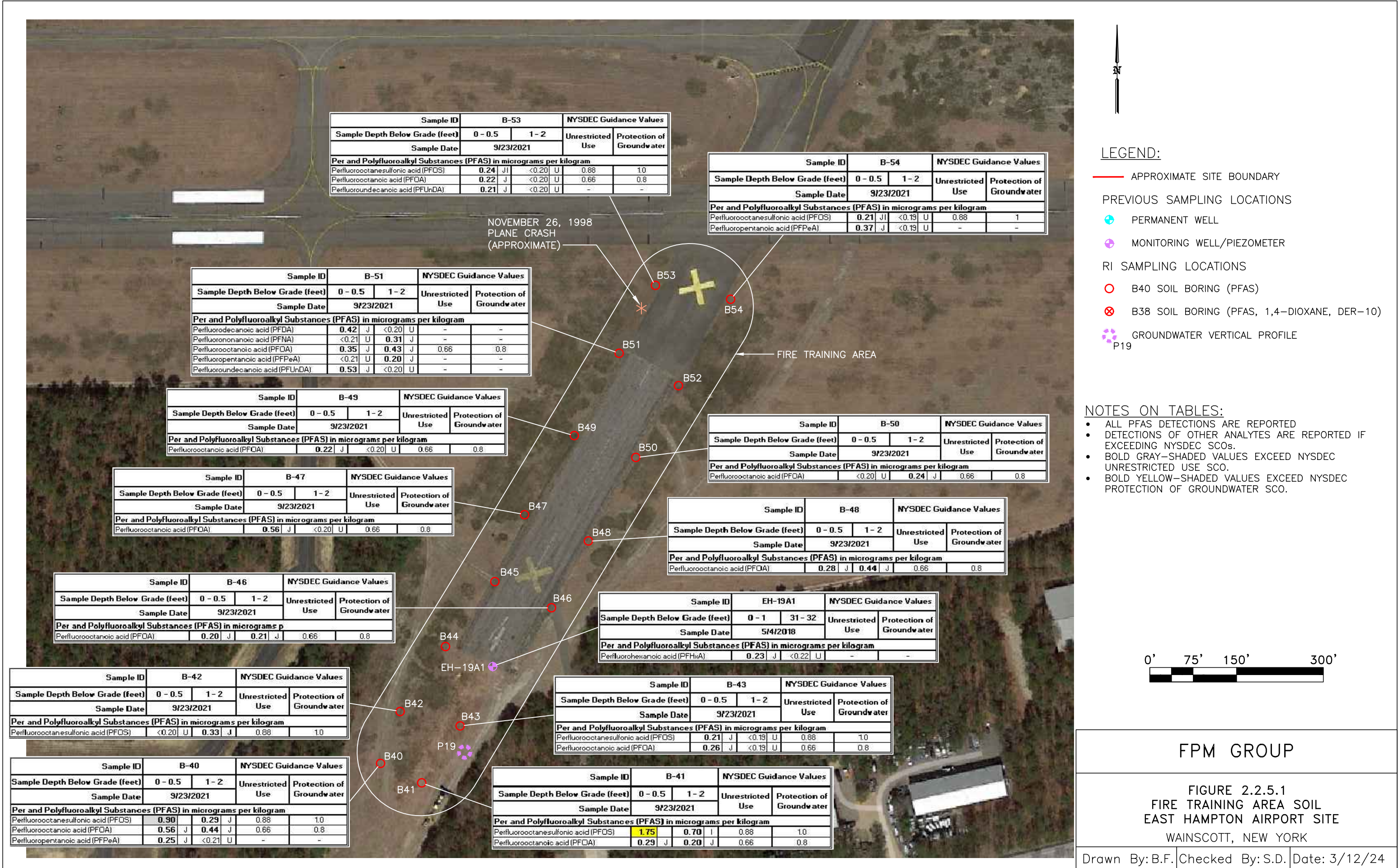
- SITE BOUNDARY
- * PLANE CRASH AND/OR FUEL FIRE SITE

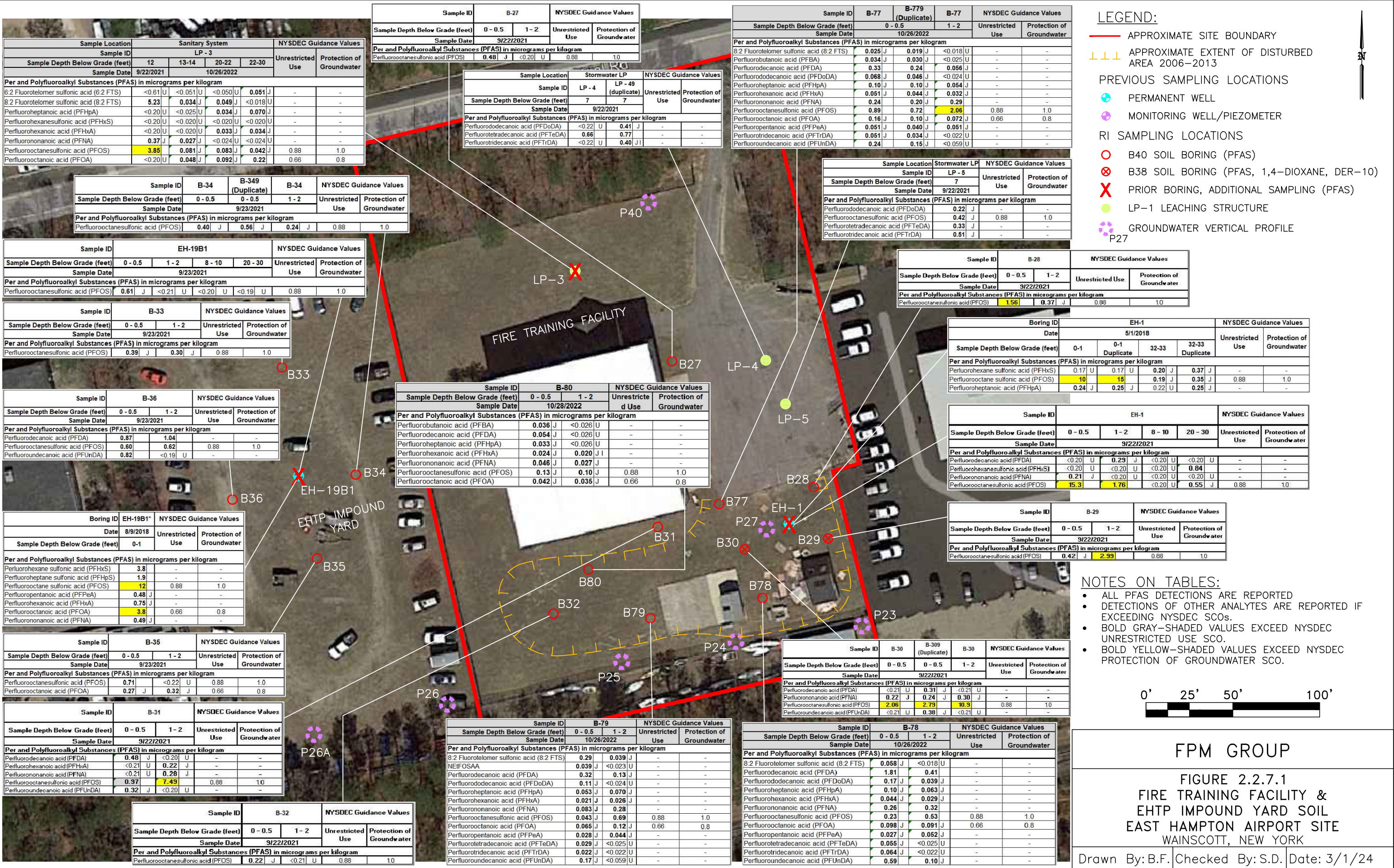


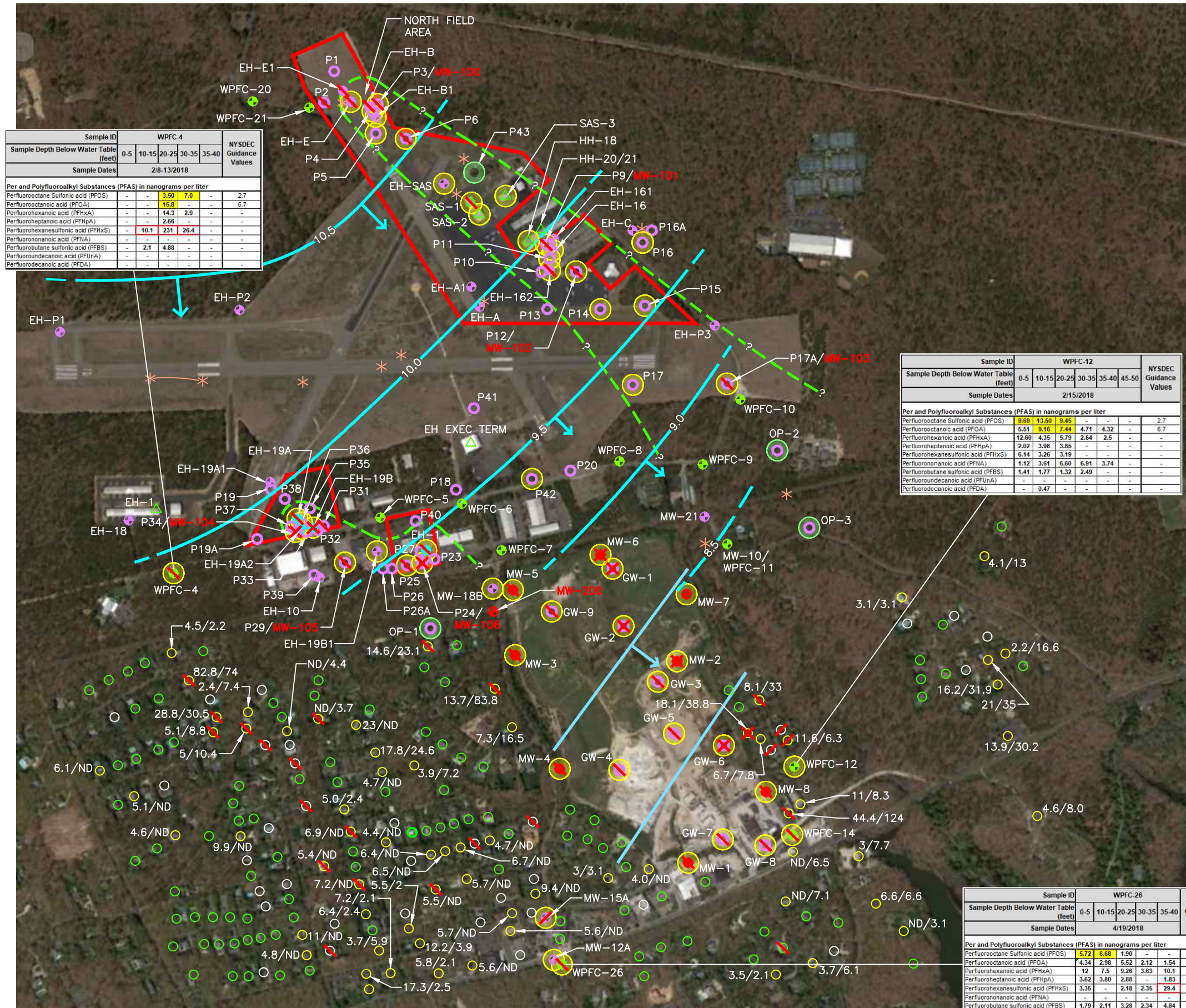
FPM GROUP

FIGURE 2.2.4.1
PLANE CRASH AREAS
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. | Checked By: S.D. | Date: 2/29/24



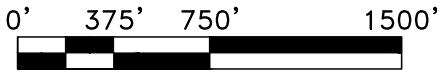




LEGEND:

- APPROXIMATE SITE BOUNDARY
- SAMPLING LOCATIONS
 - PERMANENT WELL
 - MONITORING WELL/PIEZOMETER
 - TAP WATER SAMPLE
 - SCDHS VERTICAL PROFILE
 - WAINSCOT S&G MONITORING WELL
 - GROUNDWATER VERTICAL PROFILE
 - PRIVATE WELL WITH PFOA/PFOS OVER GUIDANCE
 - PRIVATE WELL WITH PFOA/PFOS DETECTIONS, NO EXCEEDANCES
 - PRIVATE WELL WITH NO PFOA/PFOS DETECTIONS
- WATER TABLE ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- EAST HAMPTON AIRPORT PLUME AREAS (APPROXIMATE)
- PLANE CRASH OR FIRE LOCATION
- PFAS IN GROUNDWATER ABOVE NYSDEC GUIDANCE
- PROPOSED MULTI-LEVEL MONITORING WELL
- PFHxS ≥ 10ng/L
- PFNA ≥ 10ng/L
- PROPOSED VERTICAL PROFILE

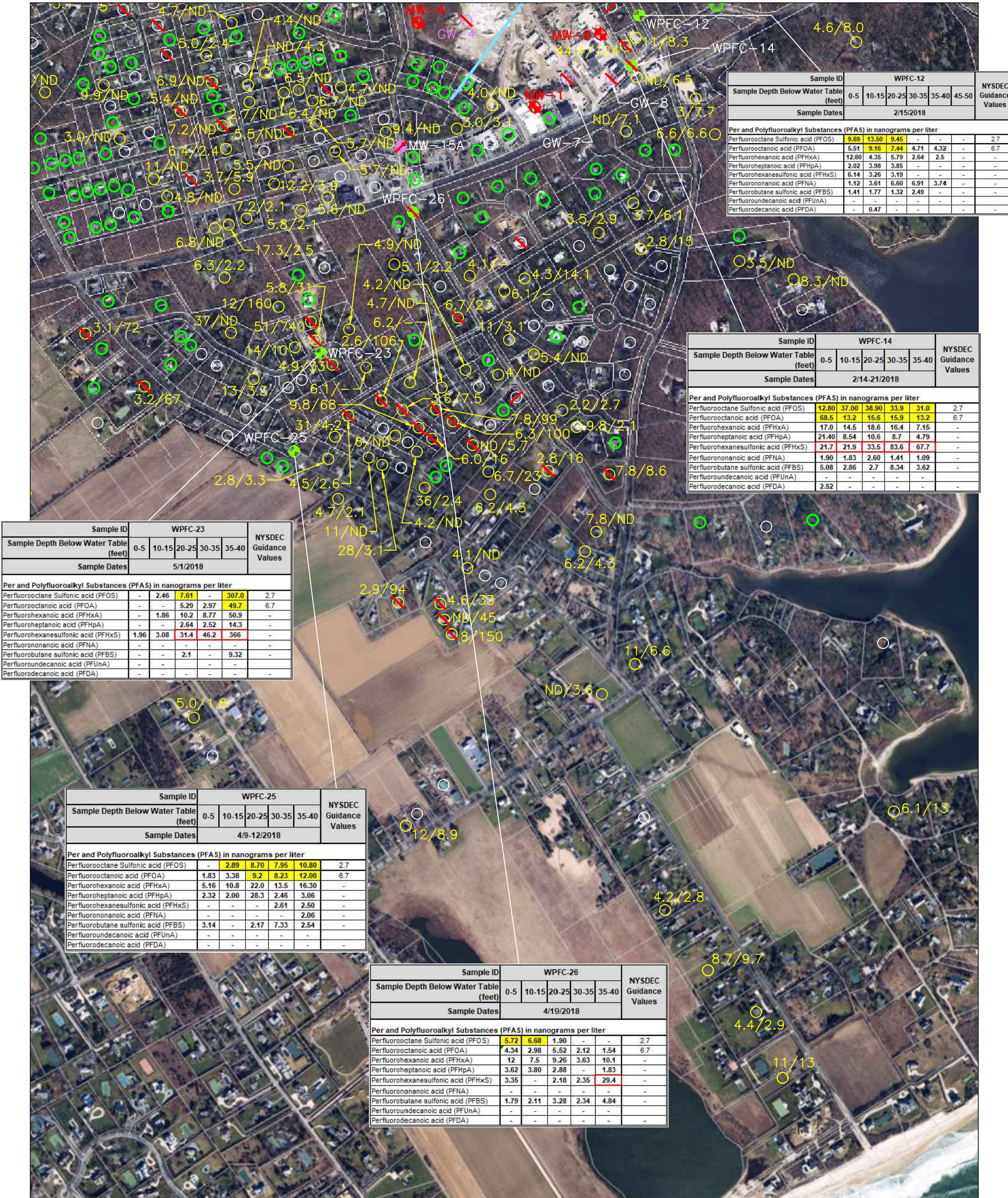
NOTE: THERE ARE ADDITIONAL PRIVATE WELLS WITH PFHxS AND/OR PFNA DETECTIONS LOCATED ON EAST GATE ROAD, WAINSCOTT NW ROAD, MONTAUK HIGHWAY, DEBRA'S WAY, SANDOWN COURT, BROADWOOD COURT, HEDGES LANE, THE CROSSWAYS, AND WEST GATE ROAD. HOWEVER, THE EXACT ADDRESSES ARE NOT AVAILABLE AND THESE LOCATIONS ARE NOT IDENTIFIED ON THIS FIGURE.



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FIGURE 2.3.1
OFFSITE GROUNDWATER
CONDITIONS
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

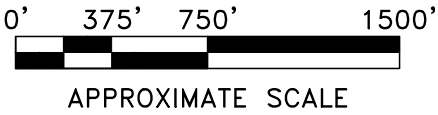
Drawn By: B.F. | Checked By: S.D. | Date: 3/1/24



LEGEND:

SAMPLING LOCATIONS

- MONITORING WELL/PIEZOMETER
- WPFC-8 SCDHS VERTICAL PROFILE
- MW-5 WAINSCOTT S&G MONITORING WELL
- GW4 GROUNDWATER VERTICAL PROFILE
- 33/63 PRIVATE WELL WITH PFOA/PFOS OVER GUIDANCE
- PRIVATE WELL WITH PFOA/PFOS DETECTIONS, NO EXCEEDANCES
- PRIVATE WELL WITH NO PFOA/PFOS DETECTIONS
- PFHxS ≥ 10ng/L
- PFNA ≥ 10ng/L



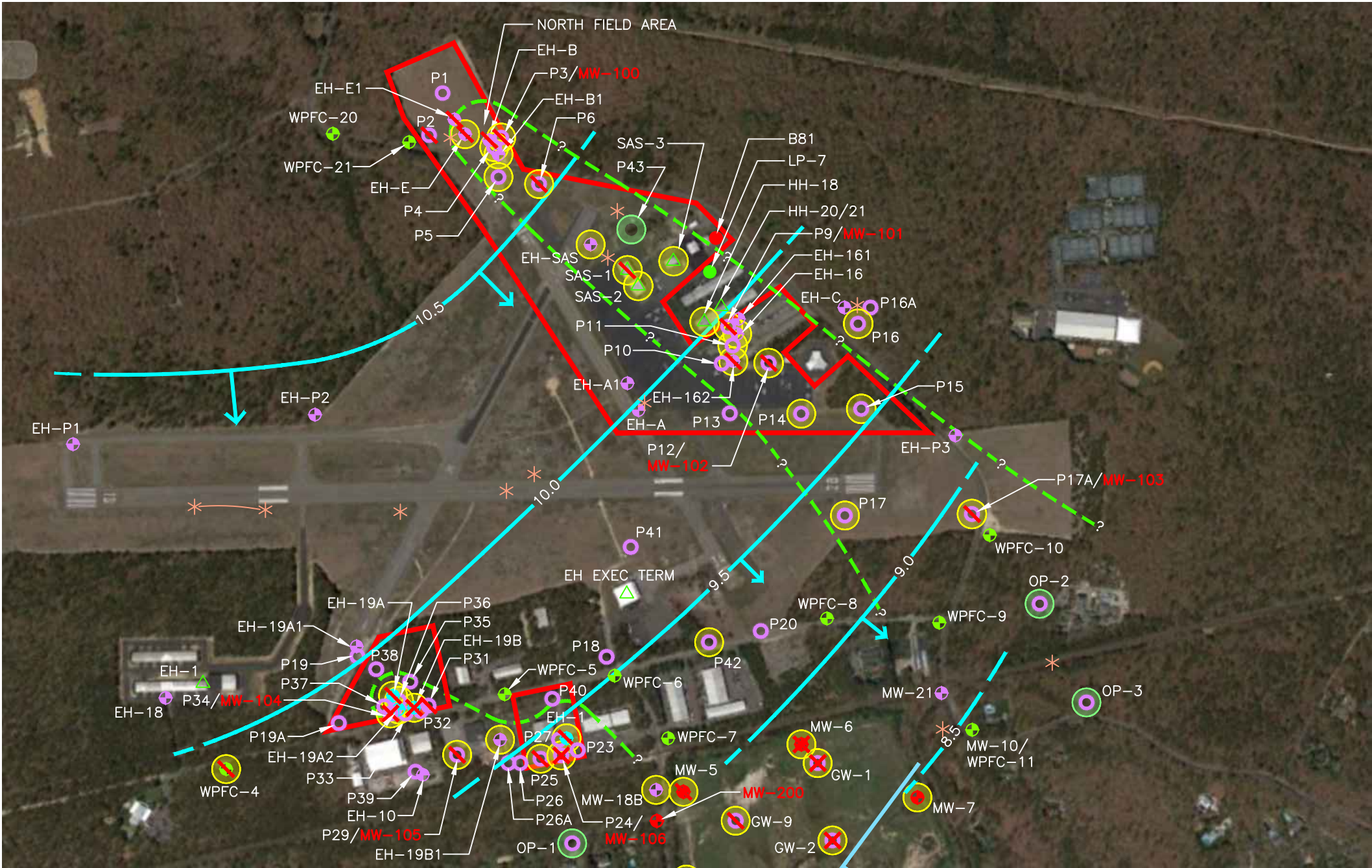
NOTE: THERE ARE ADDITIONAL PRIVATE WELLS WITH PFHxS AND/OR PFNA DETECTIONS LOCATED ON EAST GATE ROAD, WAINSCOTT NW ROAD, MONTAUK HIGHWAY, DEBRA'S WAY, SANDOWN COURT, BROADHAWK COURT, HEDGES LANE, THE CROSSWAYS, AND WEST GATE ROAD. HOWEVER, THE EXACT ADDRESSES ARE NOT AVAILABLE AND THESE LOCATIONS ARE NOT IDENTIFIED ON THIS FIGURE.

FPM GROUP

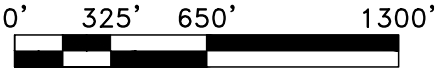
FIGURE 2.3.1 (CONTINUED)
OFFSITE GROUNDWATER CONDITIONS

EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. | Checked By: S.D. | Date: 5/6/24



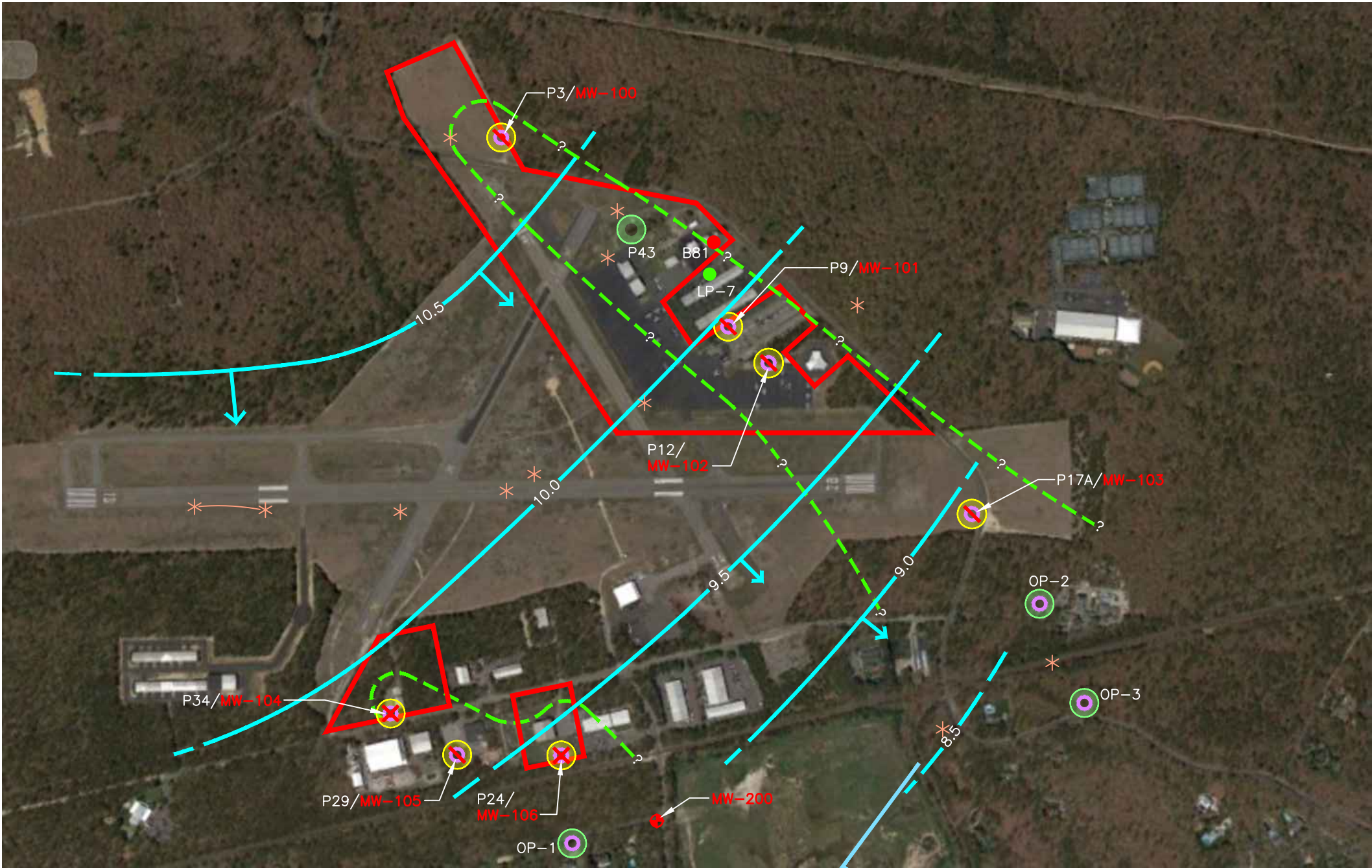
- LEGEND:**
- APPROXIMATE SITE BOUNDARY
 - SAMPLING LOCATIONS**
 - PERMANENT WELL
 - MONITORING WELL/PIEZOMETER
 - TAP WATER SAMPLE
 - SCDHS VERTICAL PROFILE
 - WAINSCOT S&G MONITORING WELL
 - GROUNDWATER VERTICAL PROFILE
 - WATER TABLE ELEVATION CONTOUR
 - GROUNDWATER FLOW DIRECTION
 - EAST HAMPTON AIRPORT PLUME AREAS (APPROXIMATE)
 - PLANE CRASH OR FIRE LOCATION
 - PFAS IN GROUNDWATER ABOVE NYSDEC GUIDANCE
 - PFH_x ≥ 9ng/L
 - PFNA ≥ 10ng/L
 - PROPOSED PHASE III LOCATIONS**
 - PROPOSED MULTI-LEVEL MONITORING WELL
 - PROPOSED VERTICAL PROFILE
 - PROPOSED SOIL SAMPLE
 - PROPOSED LEACHING POOL SAMPLE



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FIGURE 3.1.1
PROPOSED PHASE III
SAMPLE LOCATIONS
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. | Checked By: S.D. | Date: 4/29/24



LEGEND:

— APPROXIMATE SITE BOUNDARY

SAMPLING LOCATIONS

○ P27 GROUNDWATER VERTICAL PROFILE

—11.0— WATER TABLE ELEVATION CONTOUR

→ GROUNDWATER FLOW DIRECTION

- - - EAST HAMPTON AIRPORT PLUME AREAS (APPROXIMATE)

* PLANE CRASH OR FIRE LOCATION

○ PFAS IN GROUNDWATER ABOVE NYSDEC GUIDANCE

— PFH_xS ≥ 9ng/L

— PFNA ≥ 10ng/L

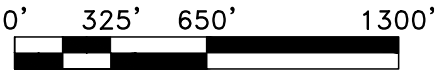
PROPOSED PHASE III LOCATIONS

MW-101 PROPOSED MULTI-LEVEL MONITORING WELL

○ OP1 PROPOSED VERTICAL PROFILE

● B81 PROPOSED SOIL SAMPLE

● LP-7 PROPOSED LEACHING POOL SAMPLE



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FIGURE 3.1.2
PROPOSED PHASE III
SAMPLE LOCATIONS
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Drawn By: B.F. | Checked By: S.D. | Date: 5/2/24

ATTACHMENT B

PHASE II RI DATA TABLES

TABLE 2.2.1.1

SOIL CHEMICAL ANALYTICAL DATA - PFAS
NORTH FIELD AREA
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-1		B-2		B-3		EH-B				NYSDEC Guidance Values		
											Unrestricted Use	Protection of Groundwater	
	Sample Depth Below Grade (feet)	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	8 - 10			20 - 30
Sample Date	9/30/2021						9/23/2021						
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram													
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.62 U	<0.61 U	<0.66 U	<0.60 U	<0.64 U	<0.62 U	<0.58 U	<0.58 U	<0.58 U	<0.60 U	-	-	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.62 U	<0.61 U	<0.66 U	<0.60 U	<0.64 U	<0.62 U	<0.58 U	<0.58 U	<0.58 U	<0.60 U	-	-	
NetFOSAA	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
NMeFOSAA	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorobutanesulfonic acid (PFBS)	<0.41 U	<0.40 U	<0.44 U	<0.40 U	<0.43 U	<0.41 U	<0.39 U	<0.38 U	<0.38 U	<0.40 U	-	-	
Perfluorobutanoic acid (PFBA)	<0.82 U	<0.81 U	<0.88 U	<0.81 U	<0.85 U	<0.82 U	<0.77 U	<0.77 U	<0.77 U	<0.80 U	-	-	
Perfluorodecanesulfonic acid (PFDS)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorodecanoic acid (PFDA)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorododecanoic acid (PFDoDA)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluoroheptanoic acid (PFHpA)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	0.22 J	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorohexanesulfonic acid (PFHxS)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorohexanoic acid (PFHxA)	0.21 J	0.24 J	<0.22 U	<0.20 U	0.26 J	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorononanoic acid (PFNA)	0.28 J	<0.20 U	<0.22 U	<0.20 U	0.31 J	<0.21 U	0.35 J	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorooctanesulfonamide (FOSA)	<0.21 U	<0.20 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorooctanesulfonic acid (PFOS)	6.15	0.56 J I	0.72	<0.20 U	4.55	1.54	3.16	0.74	0.42 J I	0.21 J	0.88	1.0	
Perfluorooctanoic acid (PFOA)	0.32 J	0.43 J	0.29 J	0.26 J	0.53 J	<0.21 U	0.25 J	0.28 J	0.28 J I	<0.20 U	0.66	0.8	
Perfluoropentanoic acid (PFPeA)	0.44 J	0.2 J	<0.22 U	<0.20 U	0.31 J	<0.21 U	0.20 J	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorotetradecanoic acid (PFTeDA)	<0.21 U	<0.2 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluorotridecanoic acid (PFTrDA)	<0.21 U	<0.2 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluoroundecanoic acid (PFUnDA)	<0.21 U	<0.2 U	<0.22 U	<0.20 U	<0.21 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.20 U	-	-	
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
Perfluorononanesulfonic acid (PFNS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
Perfluorododecanesulfonic acid (PFDoS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
NMeFOSA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
HFPO-DA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
PFEESA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
3:3 FTCA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
5:3 FTCA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	
7:3 FTCA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	

Notes:

BOLD gray shaded values exceed NYSDEC Guidance Value for unrestricted use

BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

I: Value is estimated maximum possible concentration

NA - Compound not analyzed.

*-:LCS and/or LCSD is outside acceptance limit, low bias.

TABLE 2.2.1.1 (Continued)

SOIL CHEMICAL ANALYTICAL DATA - PFAS
NORTH FIELD AREA
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-59		B-60		B-61		B-62	B629 (Duplicate of B-62)	B-62	NYSDEC Guidance Values										
										Unrestricted Use	Protection of Groundwater									
	0 - 0.5		1 - 2		0 - 0.5															
Sample Depth Below Grade (feet)	0 - 0.5		1 - 2		0 - 0.5		0 - 0.5	0 - 0.5	1 - 2											
Sample Date	11/1/2022																			
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram																				
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.054	U *	<0.057	U *	<0.053	U *	<0.054	U *	<0.054	U *	<0.052	U *	-	-						
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.019	U *	<0.020	U *	<0.018	U *	<0.019	U *	<0.019	U *	<0.018	U *	-	-						
NEtFOSAA	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-						
NMeFOSAA	<0.034	U *	<0.036	U *	<0.034	U *	<0.034	U *	<0.034	U *	<0.033	U *	-	-						
Perfluorobutanesulfonic acid (PFBS)	<0.40	U *	<0.42	U *	<0.39	U *	<0.39	U *	<0.40	U *	<0.40	U *	-	-						
Perfluorobutanoic acid (PFBA)	0.037	J *	0.19	J *	0.033	J *	0.028	J *	0.13	J *- *5-	0.045	J *	0.064	J *	0.073	J *	0.057	J *	-	-
Perfluorodecanesulfonic acid (PFDS)	<0.023	U *	<0.024	U *	<0.023	U *	<0.023	U *	<0.023	U *	<0.023	U *	<0.022	U *	-	-				
Perfluorodecanoic acid (PFDA)	0.040	J *	<0.028	U *	0.052	J *	<0.026	U *	<0.027	U *	<0.026	U *	0.052	J *	0.052	J *	<0.025	U *	-	-
Perfluorododecanoic acid (PFDoDA)	<0.025	U *	<0.027	U *	0.032	J *	<0.025	U *	<0.025	U *	<0.025	U *	0.031	J *	<0.024	U *	-	-		
Perfluoroheptanesulfonic acid (PFHpS)	<0.022	U *	<0.023	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.021	U *	-	-				
Perfluoroheptanoic acid (PFHpA)	<0.026	U *	0.11	J *	<0.026	U *	<0.026	U *	0.099	J *	<0.026	U *	0.037	J *	0.032	J *	<0.025	U *	-	-
Perfluorohexanesulfonic acid (PFHxS)	<0.021	U *	0.064	J *	<0.021	U *	<0.021	U *	<0.021	U *	<0.021	U *	<0.021	U *	<0.020	U *	-	-		
Perfluorohexanoic acid (PFHxA)	<0.021	U *	0.17	J *	<0.021	U *	<0.021	U *	0.12	J *	<0.021	U *	0.023	J *	0.033	J *	0.035	J *	-	-
Perfluorononanoic acid (PFNA)	0.030	J *	0.045	J *	<0.025	U *	0.067	J *	0.091	J *	<0.025	U *	0.045	J *	0.042	J *	0.057	J *	-	-
Perfluorooctanesulfonamide (FOSA)	<0.023	U *	<0.024	U *	<0.023	U *	<0.023	U *	<0.023	U *	<0.023	U *	<0.022	U *	-	-				
Perfluorooctanesulfonic acid (PFOS)	0.18	J *	0.16	J *	0.098	J *	0.13	J *	0.24	*	0.054	J *	0.12	J *	0.13	J *	0.076	J *	0.88	1.0
Perfluorooctanoic acid (PFOA)	0.026	J *	0.22	J *	<0.024	U *	0.028	J *	0.29	*	0.072	J *	0.036	J *	0.044	J *	0.058	J *	0.66	0.8
Perfluoropentanoic acid (PFPeA)	<0.026	U *	0.14	J *	<0.026	U *	<0.026	U *	0.061	J *	<0.026	U *	<0.027	U *	<0.027	U *	<0.025	U *	-	-
Perfluorotetradecanoic acid (PFTeDA)	<0.026	U *	<0.028	U *	<0.026	U *	<0.026	U *	<0.027	U *	<0.026	U *	<0.027	U *	<0.027	U *	<0.025	U *	-	-
Perfluorotridecanoic acid (PFTrDA)	<0.023	U *	<0.024	U *	0.030	J *	<0.023	U *	<0.023	U *	<0.023	U *	<0.023	U *	0.032	J *	<0.022	U *	-	-
Perfluoroundecanoic acid (PFUnDA)	<0.062	U *	<0.065	U *	0.10	J *	<0.061	U *	<0.062	U *	<0.061	U *	0.070	J *	0.077	J *	<0.059	U *	-	-
Perfluoropentanesulfonic acid (PFPeS)	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-
Perfluorononanesulfonic acid (PFNS)	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-		
Perfluorododecanesulfonic acid (PFDoS)	<0.022	U *	<0.023	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.021	U *	-	-		
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.019	U *	<0.020	U *	<0.018	U *	<0.018	U *	<0.019	U *	<0.019	U *	<0.019	U *	<0.019	U *	<0.018	U *	-	-
NMeFOSA	<0.034	U *	<0.036	U *	<0.034	U *	<0.034	U *	<0.034	U *	<0.034	U *	<0.034	U *	<0.034	U *	<0.033	U *	-	-
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.028	U *	<0.029	U *	<0.027	U *	<0.027	U *	<0.028	U *	<0.027	U *	<0.028	U *	<0.028	U *	<0.027	U *	-	-
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.025	U *	<0.027	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.026	U *	<0.024	U *	-	-
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.022	U *	<0.023	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.021	U *	-	-
HFPO-DA	<0.22	U *	<0.23	U *	<0.22	U *	<0.22	U *	<0.22	U *	<0.22	U *	<0.22	U *	<0.22	U *	<0.21	U *	-	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.025	U *	<0.027	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.025	U *	<0.026	U *	<0.024	U *	-	-
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.026	U *	<0.028	U *	<0.026	U *	<0.026	U *	<0.027	U *	<0.026	U *	<0.027	U *	<0.027	U *	<0.025	U *	-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	<0.026	U *	<0.028	U *	<0.026	U *	<0.026	U *	<0.027	U *	<0.026	U *	<0.027	U *	<0.027	U *	<0.025	U *	-	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.024	U *	<0.026	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.024	U *	<0.023	U *	-	-
PFEESA	<0.022	U *	<0.023	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.022	U *	<0.021	U *	-	-
3:3 FTCA	<0.022	U *- *1	<0.023	U *- F1 *1	<0.022	U *- *1	<0.022	U *- *1	<0.022	U *- *1	<0.022	U *- F1	<0.022	U *- *1	<0.022	U *- *1	<0.021	U *- *1	-	-
5:3 FTCA	<0.021	U *- *1	<0.022	U *- F1 *1	<0.021	U *- *1	<0.021	U *- *1	<0.021	U *- *1	<0.021	U *- F1	<0.021	U *- *1	<0.021	U *- *1	<0.020	U *- *1	-	-
7:3 FTCA	<0.018	U *	<0.019	U *- F1	<0.017	U *	<0.017	U *	<0.018	U *	<0.018	U *- F1	<0.018	U *	<0.017	U *	-	-		

Notes:

BOLD gray shaded values exceed NYSDEC Guidance Value for unrestricted use
BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

- No NYSDEC Guidance Value established
J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
I: Value is estimated maximum possible concentration

*-:LCS and/or LCSD is outside acceptance limit, low bias.
NA - Compound not analyzed.

TABLE 2.2.1.2
SOIL CHEMICAL ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-1		B-2		NYSDEC Part 375 Soil Cleanup Objectives	
					Unrestricted Use	Protection of Groundwater
	Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5			
Sample Date	9/30/2021					
Volatile Organic Compounds in milligrams per kilogram						
1,1,1-Trichloroethane	<0.00036	U	<0.00059	U	0.68	0.68
1,1-Dichloroethane	<0.00032	U	<0.00052	U	0.27	0.27
1,1-Dichloroethene	<0.00035	U	<0.00057	U	0.33	0.33
1,2,4-Trimethylbenzene	<0.00038	U F1	<0.00062	U	3.6	3.6
1,2-Dichlorobenzene	<0.00056	U F1 F2	<0.00091	U	1.1	1.1
1,2-Dichloroethane	<0.00046	U	<0.00074	U	0.02	0.02
1,3,5-Trimethylbenzene	<0.00049	U F1	<0.00079	U	8.4	8.4
1,3-Dichlorobenzene	<0.00057	U F1 F2	<0.00092	U	2.4	2.4
1,4-Dichlorobenzene	<0.00035	U F1 F2	<0.00057	U	1.8	1.8
2-Butanone (MEK)	<0.00057	U	<0.00092	U	0.12	0.12
Acetone	<0.0089	U	<0.014	U	0.05	0.05
Benzene	<0.0004	U	<0.00065	U	0.06	0.06
Carbon tetrachloride	<0.0006	U	<0.00097	U	0.76	0.76
Chlorobenzene	<0.00028	U F1	<0.00044	U	1.1	1.1
Chloroform	<0.0015	U	<0.0024	U	0.37	0.37
cis-1,2-Dichloroethene	<0.00056	U	<0.0009	U	0.25	0.25
Ethylbenzene	<0.00031	U F1	<0.0005	U	12	1
Methyl tert-butyl ether	<0.0008	U	<0.0013	U	0.93	0.93
Methylene Chloride	<0.0018	U	<0.0029	U	0.05	0.05
n-Butylbenzene	<0.00046	U F1	<0.00074	U	12	12
N-Propylbenzene	<0.00027	U F1	<0.00044	U	3.9	3.9
sec-Butylbenzene	<0.00045	U F1	<0.00072	U	11	11
tert-Butylbenzene	<0.00043	U	<0.00069	U	5.9	5.9
Tetrachloroethene	<0.00047	U F1 F2	<0.00077	U	1.3	1.3
Toluene	<0.00036	U	<0.00059	U	0.7	0.7
trans-1,2-Dichloroethene	<0.00038	U	<0.00062	U	0.19	0.19
Trichloroethene	<0.0005	U	<0.00081	U	0.47	0.47
Vinyl chloride	<0.00085	U F2	<0.0014	U	0.02	0.02
Xylenes, Total	<0.001	U F1	<0.0016	U	0.26	1.6

Notes:

F1 : MS and/or MSD recovery exceeds control limits.

F2 : MS/MSD RPD exceeds control limits

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.1.2 (CONTINUED)
SOIL CHEMICAL ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-1	B-2	NYSDEC Part 375 Soil Cleanup Objectives			
			Unrestricted Use		Protection of Groundwater	
Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5				
Sample Date	9/30/2021					
Semivolatile Organic Compounds in milligrams per kilogram						
1,4-Dioxane	<0.077 U F1	<0.077 U	0.1		0.1	
2-Methylphenol	<0.013 U F1 F2	<0.014 U	-		-	
3 & 4 Methylphenol	<0.022 U F1	<0.023 U	-		-	
Acenaphthene	<0.01 U F1	<0.01 U	20		98	
Acenaphthylene	<0.0035 U F1	<0.0037 U	-		-	
Anthracene	<0.011 U F1	<0.011 U	100		1,000	
Benzo[a]anthracene	<0.012 U F1	<0.013 U	1		1	
Benzo[a]pyrene	<0.0093 U F1	<0.0098 U	1		22	
Benzo[b]fluoranthene	<0.0091 U F1	<0.0095 U	1		1.7	
Benzo[g,h,i]perylene	<0.01 U F1	<0.011 U	100		1,000	
Benzo[k]fluoranthene	<0.0069 U F1	<0.0072 U	0.8		1.7	
Chrysene	<0.0059 U F1	0.0080 J	1		1	
Dibenz(a,h)anthracene	<0.015 U F1	<0.016 U	0.33		1,000	
Dibenzofuran	<0.0049 U F1	<0.0052 U	7		210	
Fluoranthene	<0.012 U F1	<0.013 U	100		1,000	
Fluorene	<0.0047 U F1	<0.005 U	30		386	
Hexachlorobenzene	<0.017 U F1	<0.017 U	-		3.2	
Indeno[1,2,3-cd]pyrene	<0.014 U F1	<0.014 U	0.5		8.2	
Naphthalene	<0.0061 U F1	<0.0063 U	12		12	
Pentachlorophenol	<0.072 U F1	<0.075 U	0.8		0.8	
Phenanthrene	<0.0062 U F1	0.011 J	100		1,000	
Phenol	<0.013 U F1	<0.014 U	0.33		0.33	
Pyrene	<0.0087 U F1	0.010 J	100		1,000	

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

F1 : MS and/or MSD recovery exceeds control limits.

F2 : MS/MSD RPD exceeds control limits

TABLE 2.2.1.2 (CONTINUED)
SOIL CHEMICAL ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-1		B-2		NYSDEC Part 375 Soil Cleanup Objectives	
	Sample Depth Below Grade (feet)		0 - 0.5		Unrestricted Use	Protection of Groundwater
	Sample Date		9/30/2021			
Metals in milligrams per kilogram						
Aluminum	4,090		3,870		-	-
Antimony	<0.15	U F1	<0.15	U	-	-
Arsenic	0.77	J	1.4		13	16
Barium	5.1		4.9		250	820
Beryllium	0.063	J	<0.059	U	7.2	47
Cadmium	<0.12	U	<0.12	U	2.5	7.5
Calcium	73.8	J	89.0	J	-	-
Chromium	2.9		3.7		30	-
Cobalt	0.36	J	0.45	J	-	-
Copper	1.7	J	2.0	J	50	1720
Iron	3,140		4,910			
Lead	4.2		9.7		63	450
Magnesium	162		205		-	-
Manganese	22.3		28.5		1,600	2,000
Nickel	1.5	J	1.5	J	30	130
Potassium	54.9	J	68.1	J	-	-
Selenium	<0.14	U	0.22	J	3.9	4
Silver	<0.094	U	<0.092	U	2	8.3
Sodium	<48.4	U	<47.4	U	-	-
Thallium	<0.043	U	<0.043	U	-	-
Vanadium	6.0		10.3		-	-
Zinc	4.3	J	4.5	J	109	2,480
Mercury	0.014	J	0.026		0.18	0.73
PCBs in milligrams per kilogram						
Aroclor 1016	<0.019	U F1	<0.020	U	-	-
Aroclor 1221	<0.019	U	<0.020	U	-	-
Aroclor 1232	<0.019	U	<0.020	U	-	-
Aroclor 1242	<0.019	U	<0.020	U	-	-
Aroclor 1248	<0.019	U	<0.020	U	-	-
Aroclor 1254	<0.019	U	<0.020	U	-	-
Aroclor 1260	<0.019	U F1	<0.020	U	-	-
Aroclor 1268	<0.019	U	<0.020	U	-	-
Aroclor-1262	<0.019	U	<0.020	U	-	-
Total PCBs	<0.019	U	<0.020	U	0.1	3.2

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

F1 : MS and/or MSD recovery exceeds control limits.

TABLE 2.2.1.2 (CONTINUED)
SOIL CHEMICAL ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-1	B-2	NYSDEC Part 375 Soil Cleanup Objectives			
			Unrestricted Use	Protection of Groundwater		
Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5				
Sample Date	9/30/2021					
Pesticides in milligrams per kilogram						
4,4'-DDD	<0.0012	U F1 F2	<0.0013	U	0.0033	14
4,4'-DDE	<0.00084	U F1 F2	0.0065	J	0.0033	17
4,4'-DDT	<0.0013	U F1 F2	0.0062	J	0.0033	136
Aldrin	<0.0011	U F1 F2	<0.0011	U	0.005	0.19
alpha-BHC	<0.00072	U F1 F2	<0.00075	U	0.02	0.02
beta-BHC	<0.00079	U F1 F2	<0.00083	U	0.036	0.09
Chlordane (technical)	<0.017	U	<0.018	U	0.094	2.9
cis-Chlordane	<0.0011	U F1 F2	<0.0012	U	-	-
delta-BHC	<0.00043	U F1 F2	<0.00046	U	0.04	0.25
Dieldrin	<0.00092	U F2	<0.00097	U	0.005	0.1
Endosulfan I	<0.0011	U F1 F2	<0.0011	U	2.4	102
Endosulfan II	<0.0018	U F1 F2	<0.0019	U	2.4	102
Endosulfan sulfate	<0.00089	U F1 F2	<0.00093	U	2.4	1,000
Endrin	<0.001	U F1 F2	<0.0011	U	0.014	0.06
Endrin aldehyde	<0.0017	U F1 F2	<0.0018	U	-	-
Endrin ketone	<0.0014	U F1 F2	<0.0014	U	-	-
gamma-BHC (Lindane)	<0.00066	U F1 F2	<0.00069	U	0.1	0.1
Heptachlor	<0.00084	U F1 F2	<0.00088	U	0.042	0.38
Heptachlor epoxide	<0.0011	U F1 F2	<0.0011	U	-	-
Methoxychlor	<0.0016	U F1 F2	<0.0017	U	-	-
Toxaphene	<0.026	U	<0.027	U	-	-
Herbicide in milligrams per kilogram						
Silvex (2,4,5-TP)	<0.0037	U F1	<0.0039	U	3.8	3.8

Notes:

* **Bold grey-shaded values** exceed NYSDEC SCO for unrestricted use.

- No NYSDEC Soil Cleanup Objective established for this analyte

F1 : MS and/or MSD recovery exceeds control limits.

F2 : MS/MSD RPD exceeds control limits

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.1.3
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P1						P2						NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60		
Sample Dates	12/8/2022						12/8/2022	12/7/2022						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter														
Perfluorobutanoic acid (PFBA)	<1.86 U	<1.77 U	<1.77 U	<1.76 U	<1.82 U	<1.69 U	2.73 J 4	<1.62 U	<1.71 U	<1.72 U	<1.70 U	<1.70 U		
Perfluoropentanoic acid (PFPA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	8.97 E 4	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorohexanoic acid (PFHxA)	<0.84 U	<0.80 U	<0.80 U	<0.79 U	<0.82 U	<0.76 U	13.1 E 4	<0.73 U	<0.77 U	<0.78 U	<0.77 U	<0.76 U		
Perfluoroheptanoic acid (PFHpA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	6.42 4	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorooctanoic acid (PFOA)	0.83 J	<0.44 U	0.49 J	0.92 J	<0.46 U	<0.42 U	0.72 J 4	0.45 J	1.05 J	1.49 J	1.08 J	<0.42 U	6.7	
Perfluorononanoic acid (PFNA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	0.55 J	<0.43 U	<0.43 U	<0.42 U		
Perfluorodecanoic acid (PFDA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluoroundecanoic acid (PFUnA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorododecanoic acid (PFDoA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorotridecanoic acid (PFTriA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorotetradecanoic acid (PFTeA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorobutanesulfonic acid (PFBS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	3.44 4	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluoropentanesulfonic acid (PFPeS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	5.81 4	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorohexanesulfonic acid (PFHxS)	0.54 J	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	28.0 E 4	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluoroheptanesulfonic acid (PFHpS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorooctanesulfonic acid (PFOS)	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U E 4	<0.81 U	1.15 J I	<0.86 U	<0.85 U	<0.85 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorodecanesulfonic acid (PFDS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluorododecanesulfonic acid (PFDoS)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.91 U	<3.71 U	<3.72 U	<3.70 U	<3.83 U	<3.55 U	<3.73 U *5+ E 4	<3.41 U *5+	<3.60 U	<3.62 U *5+	<3.58 U	<3.56 U *5+		
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
Perfluorooctanesulfonamide (FOSA)	<0.65 U	<0.62 U	<0.62 U	<0.62 U	<0.64 U	<0.59 U	<0.62 U	<0.57 U	0.66 J	<0.60 U	<0.60 U	<0.59 U		
NMeFOSA	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
NMeFOSAA	<0.56 U	<0.53 U	<0.53 U	<0.53 U	<0.55 U	<0.51 U	<0.53 U	<0.49 U	<0.51 U	<0.52 U	<0.51 U	<0.51 U		
NEtFOSAA	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
HFPO-DA	<0.93 U	<0.88 U	<0.89 U	<0.88 U	<0.91 U	<0.84 U	<0.89 U F1	<0.81 U	<0.86 U	<0.86 U	<0.85 U	<0.85 U		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U F1	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.47 U	<0.44 U	<0.44 U	<0.44 U	<0.46 U	<0.42 U	<0.44 U F1	<0.41 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U		
PFEESA	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
3:3 FTCA	<0.28 U	<0.27 U	<0.27 U	<0.26 U	<0.27 U	<0.25 U	<0.27 U F1	<0.24 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U		
5:3 FTCA	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U F1	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
7:3 FTCA	<0.28 U *	<0.27 U *	<0.27 U *	<0.26 U *	<0.27 U *	<0.25 U *	<0.27 U *- F1	<0.24 U *- F1 F2	<0.26 U *- F1 F2	<0.26 U *- F1 F2	<0.26 U *- F1 F2	<0.25 U *- F1 F2		

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established
J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
F1: MS and/or MSD recovery exceeds control limits.

Red boxed values exceed USEPA proposed Health-based Water Concentrations

I: Value is estimated maximum possible concentration
*:- LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.1.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P3			P33	P3				P4								NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20		Duplicate of P3 15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60			
Sample Dates	12/7/2022				12/6/2022				12/6/2022		12/5/2022						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter																	
Perfluorobutanoic acid (PFBA)	11.3	116		115	<1.84 U	<1.80 U	<1.73 U	2.50 J	21.4	<1.92 U	<1.81 U	<2.00 U	<1.72 U	<1.74 U		-	
Perfluoropentanoic acid (PFPA)	64.1	483 D		467 D	<0.46 U	<0.45 U	<0.43 U	0.72 J	57.7	0.59 J	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorohexanoic acid (PFHxA)	70.8	887 D		859 D	<0.83 U	<0.81 U	<0.78 U	0.99 J	76.9	1.18 J	<0.82 U	<0.90 U	<0.77 U	<0.78 U		-	
Perfluoroheptanoic acid (PFHpA)	10.4	229		229	<0.46 U	<0.45 U	<0.43 U	2.28	23.8	<0.48 U	<0.45 U	<0.50 U	0.83 J	1.07 J		-	
Perfluorooctanoic acid (PFOA)	28.8	886 D		865 D	<0.46 U 4	<0.45 U	1.06 J	9.97	13.5	<0.48 U	<0.45 U 4	<0.50 U 4	2.80 U 4	4.47 4		6.7	
Perfluorononanoic acid (PFNA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	1.11 J	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	0.76 J		-	
Perfluorodecanoic acid (PFDA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluoroundecanoic acid (PFUnA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorododecanoic acid (PFDoA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorotridecanoic acid (PFTriA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorotetradecanoic acid (PFTeA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorobutanesulfonic acid (PFBS)	8.58	116		111	<0.46 U	<0.45 U	<0.43 U	<0.44 U	13.6	1.84 J	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluoropentanesulfonic acid (PFPeS)	22.9	235		228	<0.46 U	<0.45 U	<0.43 U	<0.44 U	26.7	1.02 J	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorohexanesulfonic acid (PFHxS)	305	4,780 D		5,220 D	<0.46 U	<0.45 U	<0.43 U	0.91 J	349 D	0.69 J	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.44 U	4.69		4.77	<0.46 U	<0.45 U	<0.43 U	<0.44 U	1.15 J I	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorooctanesulfonic acid (PFOS)	<0.89 U	<0.88 U		<0.85 U	<0.92 U	0.90 U	<0.86 U	1.07 J I	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		2.7	
Perfluorononanesulfonic acid (PFNS)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorodecanesulfonic acid (PFDS)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluorododecanesulfonic acid (PFDoS)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	39.8 *5+	1,130 *5+		1,150 D *5+	<3.86 U *5+	<3.79 U	<3.63 U	<3.66 U *	50.4 *5+ *-	<4.04 U *-	<3.81 U	<4.20 U	<3.61 U *-	<3.66 U		-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
Perfluorooctanesulfonamide (FOSA)	<0.62 U	<0.61 U		<0.59 U	<0.64 U	<0.63 U	<0.60 U	<0.61 U	<0.65 U	<0.67 U	<0.63 U	<0.70 U	<0.60 U	<0.61 U		-	
NMeFOSA	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
NMeFOSAA	<0.53 U	<0.53 U		<0.51 U	<0.55 U	<0.54 U	<0.52 U	<0.52 U	<0.55 U	0.58 U	<0.54 U	<0.60 U	<0.52 U	<0.52 U		-	
NEtFOSAA	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
HFPO-DA	<0.89 U	<0.88 U		<0.85 U	<0.92 U	<0.90 U	<0.86 U	<0.87 U	<0.92 U	<0.96 U	<0.91 U	<1.0 U	<0.86 U	<0.87 U		-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.18 U	<0.18 U		<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.20 U	<0.17 U	<0.17 U		-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.18 U	0.21 J		0.19 J	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.20 U	<0.17 U	<0.17 U		-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.18 U	<0.18 U		<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.20 U	<0.17 U	<0.17 U		-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44 U	<0.44 U		<0.42 U	0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.44 U	<0.44 U		<0.42 U	<0.46 U	<0.45 U	<0.43 U	<0.44 U	<0.46 U	<0.48 U	<0.45 U	<0.50 U	<0.43 U	<0.44 U		-	
PFEESA	<0.18 U	<0.18 U		<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.20 U	<0.17 U	<0.17 U		-	
3:3 FTCA	<0.27 U	<0.26 U		<0.25 U	<0.28 U	<0.27 U	<0.26 U	<0.26 U	<0.28 U	<0.29 U	<0.27 U	<0.30 U	<0.26 U	<0.26 U		-	
5:3 FTCA	<0.18 U	1.09 J		0.97 J	<0.18 U	<0.18 U	<0.17 U	<0.17 U	0.24 J	<0.19 U	<0.18 U	<0.20 U	<0.17 U	<0.17 U		-	
7:3 FTCA	<0.27 U *- F1 F2	<0.26 U *- F1 F2		<0.25 U *- F1 F2	<0.28 U *-	<0.27 U *-	<0.26 U *-	<0.26 U *-	<0.28 U *-	<0.29 U *-	<0.27 U *-	<0.30 U *-	<0.26 U *-	<0.26 U *-		-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

D: Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

E: MS/MSD Exceeded Calibration Range,

MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Red boxed values exceed USEPA proposed Health-based Water Concentrations

*-: LCS and/or LCSD is outside acceptance limited, low-biased.

F1: MS and/or MSD exceeds control limits.

F2: MS/MSD RPD exceeds control limits.

*5+: Isotope dilution analyte is outside acceptance limits, low biased.

TABLE 2.2.1.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - NORTH FIELD AREA
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P5						P6				P66	P6		NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	Duplicate of P6 35-40	45-50	55-60		
Sample Dates	12/12/2022						12/9/2022								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	<1.69 U	<1.68 U	<1.88 U	<1.65 U	<1.90 U	3.88 J	<1.66 U	13.6	3.17 J	<1.68 U	<1.69 U	<1.69 U	1.70 U		
Perfluoropentanoic acid (PFPA)	0.48 J	<0.42 U	<0.47 U	<0.41 U	<0.48 U	2.80	2.72	48.9	10.5	<0.42 U	<0.42 U	<0.42 U	1.41 J		
Perfluorohexanoic acid (PFHxA)	<0.76 U	<0.76 U	<0.85 U	<0.74 U	<0.86 U	4.36	3.56	49.9	19.0	<0.76 U	<0.76 U	<0.76 U	1.22 J		
Perfluoroheptanoic acid (PFHpA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	5.92	1.72	12.2	6.81	<0.42 U	<0.42 U	<0.42 U	0.98 J		
Perfluorooctanoic acid (PFOA)	<0.42 U	<0.42 U	<0.47 U	0.65 J	0.82 J	9.82	2.95	8.74	1.06 J	<0.42 U	<0.42 U	0.45 J	3.05	6.7	
Perfluorononanoic acid (PFNA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	0.72 J	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	0.43 J		
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluoroundecanoic acid (PFUnA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorobutanesulfonic acid (PFBS)	0.49 J	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	0.98 J	7.71	3.59	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluoropentanesulfonic acid (PFPeS)	0.47 J	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	1.94	20.7	18.0	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorohexanesulfonic acid (PFHxS)	1.69	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	23.3	158	101	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	0.64 J	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorooctanesulfonic acid (PFOS)	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	2.46 I	1.05 J I	<0.83 U	<0.84 U	<0.85 U	<0.42 U	<0.85 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.56 U *5+	<3.53 U	<3.96 U	<3.47 U	<3.99 U	<3.60 U	<3.49 U	42.8	<3.47 U	<3.53 U	<3.56 U	<3.55 U	<3.57 U		
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U	<0.87 U	<0.83 U	<0.84 U	<0.85 U	<0.85 U	<0.85 U		
Perfluorooctanesulfonamide (FOSA)	<0.59 U	<0.59 U	<0.66 U	<0.58 U	<0.67 U	0.81 J	<0.58 U	<0.61 U	<0.58 U	<0.59 U	<0.59 U	<0.59 U	<0.59 U		
NMeFOSA	<0.85 U	1.22 J	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U	<0.87 U	<0.83 U	<0.84 U	<0.85 U	<0.85 U	<0.85 U		
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U	<0.87 U	<0.83 U	<0.84 U	<0.85 U	<0.85 U	<0.85 U		
NMeFOSAA	<0.51 U	<0.50 U	<0.57 U	<0.50 U	<0.57 U	<0.51 U	<0.50 U	<0.52 U	<0.50 U	<0.50 U	<0.51 U	<0.51 U	<0.51 U		
NEtFOSAA	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U	<0.87 U	<0.83 U	<0.84 U	<0.85 U	<0.85 U	<0.85 U		
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U	<0.87 U	<0.83 U	<0.84 U	<0.85 U	<0.85 U	<0.85 U		
HFPO-DA	<0.85 U	<0.84 U	<0.94 U	<0.83 U	<0.95 U	<0.86 U	<0.83 U F1	<0.87 U F1	<0.83 U F1	<0.84 U F1	<0.85 U F1	<0.85 U F1	<0.85 U F1		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.42 U	<0.47 U	<0.41 U	<0.48 U	<0.43 U	<0.42 U	<0.44 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
PFEESA	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U		
3:3 FTCA	<0.25 U	<0.25 U	<0.28 U	<0.25 U	<0.29 U	<0.26 U	<0.25 U F1	<0.26 U F1	<0.25 U F1	<0.25 U F1	<0.25 U F1	<0.25 U F1	<0.25 U F1		
5:3 FTCA	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.19 U	<0.17 U	<0.17 U F1	<0.17 U F1	<0.17 U F1	<0.17 U F1	<0.17 U F1	<0.17 U F1	<0.17 U F1		
7:3 FTCA	<0.25 U *- F1	<0.25 U *- F1	<0.28 U *- F1	<0.25 U *- F1	<0.29 U *- F1	<0.26 U *- F1	<0.25 U *- F1	<0.26 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1		

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

F1: MS and/or MSD recovery exceeds control limits.

Red boxed values exceed USEPA proposed Health-based Water Concentrations

I: Value is estimated maximum possible concentration

*.: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.1
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE, NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-9		B-99 (duplicate of B-9)	B-10		B-11		NYSDEC Guidance Values	
Sample Depth Below Grade (feet)	0 - 0.5	1 - 2	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	Unrestricted Use	Protection of Groundwater
Sample Date	9/30/2021							Use	Groundwater
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram									
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.57 U	<0.59 U	<0.58 U	<0.68 U	<0.61 U	<0.60 U	<0.64 U	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.57 U	<0.59 U	<0.58 U	<0.68 U	<0.61 U	<0.60 U	<0.64 U	-	-
NEtFOSAA	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
NMeFOSAA	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorobutanesulfonic acid (PFBS)	<0.38 U	<0.39 U	<0.39 U	<0.45 U	<0.40 U	<0.40 U	<0.43 U	-	-
Perfluorobutanoic acid (PFBA)	<0.76 U	<0.78 U	<0.77 U	<0.9 U	<0.81 U	<0.80 U	<0.85 U	-	-
Perfluorodecanesulfonic acid (PFDS)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorodecanoic acid (PFDA)	<0.19 U	<0.20 U	<0.19 U	0.43 J	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorododecanoic acid (PFDoDA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluoroheptanoic acid (PFHpA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorohexanesulfonic acid (PFHxS)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorohexanoic acid (PFHxA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorononanoic acid (PFNA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorooctanesulfonamide (FOSA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorooctanesulfonic acid (PFOS)	0.34 J	0.35 J	0.42 J	1.02	0.24 J	0.87	1.19	0.88	3.7
Perfluorooctanoic acid (PFOA)	<0.19 U	<0.20 U	0.33 JI	0.44 J	0.27 J	0.29 J	<0.21 U	0.66	1.1
Perfluoropentanoic acid (PFPeA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorotetradecanoic acid (PFTeDA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluorotridecanoic acid (PFTrDA)	<0.19 U	<0.20 U	<0.19 U	<0.23 U	<0.20 U	<0.20 U	<0.21 U	-	-
Perfluoroundecanoic acid (PFUnDA)	<0.19 U	<0.20 U	<0.19 U	0.28 J	<0.20 U	<0.20 U	<0.21 U	-	-

Notes:

BOLD GRAY shaded values exceed NYSDEC Guidance Value for unrestricted use.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U: Indicates the analyte was analyzed for but not detected.

I: Value is estimated maximum possible concentration

-: No NYSDEC Guidance Value established.

SGD: 460-243641-1, 460-244125-1

TABLE 2.2.2.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE, NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-10	NYSDEC Part 375 Soil Cleanup Objectives	
		Unrestricted Use	Protection of Groundwater
Sample Depth Below Grade (feet)	0 - 0.5		
Sample Dates	9/30/2021		
Volatile Organic Compounds in milligrams per kilogram			
1,1,1-Trichloroethane	<0.00046 U	0.68	0.68
1,1-Dichloroethane	<0.00041 U	0.27	0.27
1,1-Dichloroethene	<0.00044 U	0.33	0.33
1,2,4-Trimethylbenzene	<0.00048 U	3.6	3.6
1,2-Dichlorobenzene	<0.00071 U	1.1	1.1
1,2-Dichloroethane	<0.00058 U	0.02	0.02
1,3,5-Trimethylbenzene	<0.00062 U	8.4	8.4
1,3-Dichlorobenzene	<0.00072 U	2.4	2.4
1,4-Dichlorobenzene	<0.00044 U	1.8	1.8
2-Butanone (MEK)	<0.00073 U	0.12	0.12
Acetone	<0.011 U	0.05	0.05
Benzene	<0.00051 U	0.06	0.06
Carbon tetrachloride	<0.00076 U	0.76	0.76
Chlorobenzene	<0.00035 U	1.1	1.1
Chloroform	<0.0019 U	0.37	0.37
cis-1,2-Dichloroethene	<0.00071 U	0.25	0.25
Ethylbenzene	<0.00039 U	12	1
Methyl tert-butyl ether	<0.001 U	0.93	0.93
Methylene Chloride	<0.0023 U	0.05	0.05
n-Butylbenzene	<0.00058 U	12	12
N-Propylbenzene	<0.00034 U	3.9	3.9
sec-Butylbenzene	<0.00057 U	11	11
tert-Butylbenzene	<0.00054 U	5.9	5.9
Tetrachloroethene	<0.0006 U	1.3	1.3
Toluene	<0.00046 U	0.7	0.7
trans-1,2-Dichloroethene	<0.00048 U	0.19	0.19
Trichloroethene	<0.00063 U	0.47	0.47
Vinyl chloride	<0.0011 U	0.02	0.02
Xylenes, Total	<0.0013 U	0.26	1.6

Notes:

U : Indicates the analyte was analyzed for but not detected.

SGD: 460-244125-1

TABLE 2.2.2.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE, NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-10	NYSDEC Part 375 Soil Cleanup Objectives	
		Unrestricted Use	Protection of Groundwater
Sample Depth Below Grade (feet)	0 - 0.5		
Sample Dates	9/30/2021		
Semivolatile Organic Compounds in milligrams per kilogram			
1,4-Dioxane	<0.077 U	0.1	0.1
2-Methylphenol	<0.015 U	-	-
3 & 4 Methylphenol	<0.024 U	-	-
Acenaphthene	<0.011 U	20	98
Acenaphthylene	<0.0039 U	-	-
Anthracene	<0.012 U	100	1,000
Benzo[a]anthracene	0.026 J	1	1
Benzo[a]pyrene	0.026 J	1	22
Benzo[b]fluoranthene	0.043 J	1	1.7
Benzo[g,h,i]perylene	0.025 J	100	1,000
Benzo[k]fluoranthene	0.020 J	0.8	1.7
Chrysene	0.035 J	1	1
Dibenz(a,h)anthracene	0.018 J	0.33	1,000
Dibenzofuran	<0.0055 U	7	210
Fluoranthene	0.040 J	100	1,000
Fluorene	<0.0053 U	30	386
Hexachlorobenzene	<0.019 U	-	3.2
Indeno[1,2,3-cd]pyrene	0.029 J	0.5	8.2
Naphthalene	<0.0068 U	12	12
Pentachlorophenol	<0.08 U	0.8	0.8
Phenanthrene	0.025 J	100	1,000
Phenol	<0.014 U	0.33	0.33
Pyrene	0.041 J	100	1,000

Notes:

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

- No NYSDEC Soil Cleanup Objective established for this analyte

SGD: 460-244125-1

TABLE 2.2.2.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE, NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-10	NYSDEC Part 375 Soil Cleanup Objectives	
		Unrestricted Use	Protection of Groundwater
Sample Depth Below Grade (feet)	0 - 0.5		
Sample Dates	9/30/2021		
Metals in milligrams per kilogram			
Aluminum	6,200	-	-
Antimony	0.16 U	-	-
Arsenic	7.6	13	16
Barium	14.8	250	820
Beryllium	0.21 J	7.2	47
Cadmium	0.13 U	2.5	7.5
Calcium	261	-	-
Chromium	8.1	30	-
Cobalt	1.7 J	-	-
Copper	18.5	50	1,720
Iron	7,770	-	-
Lead	31.6	63	450
Magnesium	643	-	-
Manganese	93.9	1,600	2,000
Nickel	5.3	30	130
Potassium	196	-	-
Selenium	0.25 J	3.9	4
Silver	0.1 U	2	8.3
Sodium	244	-	-
Thallium	0.058 J	-	-
Vanadium	14.9	-	-
Zinc	30.6	109	2,480
Mercury	0.056	0.18	0.73
PCBs in milligrams per kilogram			
Aroclor 1016	<0.021 U	-	-
Aroclor 1221	<0.021 U	-	-
Aroclor 1232	<0.021 U	-	-
Aroclor 1242	<0.021 U	-	-
Aroclor 1248	<0.021 U	-	-
Aroclor 1254	<0.021 U	-	-
Aroclor 1260	<0.021 U	-	-
Aroclor 1268	<0.021 U	-	-
Aroclor-1262	<0.021 U	-	-
Total PCBs	<0.021 U	0.1	3.2

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

TABLE 2.2.2.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE, NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-10	NYSDEC Part 375 Soil Cleanup Objectives		
Sample Depth Below Grade (feet)	0 - 0.5	Unrestricted Use	Protection of Groundwater	
Sample Dates	9/30/2021			
Pesticides in milligrams per kilogram				
4,4'-DDD	<0.0013	U	0.0033	14
4,4'-DDE	0.0095		0.0033	17
4,4'-DDT	0.0055	J	0.0033	136
Aldrin	<0.0012	U	0.005	0.19
alpha-BHC	<0.0008	U	0.02	0.02
beta-BHC	<0.00089	U	0.036	0.09
Chlordane (technical)	<0.019	U	0.094	2.9
cis-Chlordane	<0.0013	U	-	-
delta-BHC	<0.00048	U	0.04	0.25
Dieldrin	<0.001	U	0.005	0.1
Endosulfan I	<0.0012	U	2.4	102
Endosulfan II	<0.002	U	2.4	102
Endosulfan sulfate	<0.00099	U	2.4	1000
Endrin	<0.0011	U	0.014	0.06
Endrin aldehyde	<0.0019	U	-	-
Endrin ketone	<0.0015	U	-	-
gamma-BHC (Lindane)	<0.00073	U	0.1	0.1
Heptachlor	<0.00093	U	0.042	0.38
Heptachlor epoxide	<0.0012	U	-	-
Methoxychlor	<0.0018	U	-	-
Toxaphene	<0.029	U	-	-
Herbicide in milligrams per kilogram				
Silvex (2,4,5-TP)	<0.0041	U	3.8	3.8

Notes:

Bold gray shaded values exceed NYSDEC SCO for unrestricted use.

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.2.2
LEACHING POOL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
173 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	LP - 6		LP - 69 (Duplicate LP-6)		LP - 7		NYSDEC Guidance Values	
Sample Depth Below Grade (feet)	0 - 0.5				0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Date	11/1/2022							
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram								
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.023	U	<0.026	U	<0.028	U	-	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.018	U	<0.020	U	<0.021	U *5+	-	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.018	U	<0.020	U *5+	<0.021	U *5+	-	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<0.052	U	<0.057	U	<0.061	U *5+	-	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	<0.021	U	<0.023	U	<0.025	U	-	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	<0.024	U	<0.027	U	<0.029	U	-	-
3:3 FTCA	<0.021	U *-	<0.023	U *-	<0.025	U F1 *-	-	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.023	U	<0.026	U	<0.028	U	-	-
5:3 FTCA	<0.020	U *-	<0.022	U *-	<0.024	U F1 *-	-	-
7:3 FTCA	<0.017	U *-	<0.019	U *-	<0.020	U F1 *-	-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.025	U	<0.028	U	<0.030	U	-	-
HFPO-DA	<0.21	U	<0.23	U	<0.25	U	-	-
NEtFOSAA	<0.023	U	0.048	J	0.13	J	-	-
N-ethylperfluoro-1-octanesulfonamide	<0.026	U	0.041	J	<0.031	U	-	-
NMeFOSA	<0.033	U	<0.036	U	<0.039	U	-	-
NMeFOSAA	<0.033	U	<0.036	U	<0.039	U	-	-
Perfluorobutanesulfonic acid	<0.38	U	<0.42	U	<0.45	U	-	-
Perfluorobutanoic acid	<0.025	U	<0.028	U	<0.030	U	-	-
Perfluorodecanesulfonic acid	<0.022	U	<0.024	U	0.16	J	-	-
Perfluorodecanoic acid	<0.025	U	<0.028	U	<0.030	U	-	-
Perfluorododecanesulfonic acid (PFDoS)	<0.021	U	<0.023	U	<0.025	U	-	-
Perfluorododecanoic acid	0.034	J	0.091	J	0.19	J	-	-
Perfluoroheptanesulfonic acid	<0.021	U	<0.023	U	<0.025	U	-	-
Perfluoroheptanoic acid	<0.025	U	<0.028	U	<0.030	U	-	-
Perfluorohexanesulfonic acid	<0.020	U	<0.022	U	<0.024	U	-	-
Perfluorohexanoic acid	<0.020	U	0.024	J	<0.024	U	-	-
Perfluorononanesulfonic acid	<0.023	U	<0.026	U	<0.028	U	-	-
Perfluorononanoic acid	<0.024	U	<0.027	U	<0.029	U	-	-
Perfluorooctanesulfonamide	<0.022	U	<0.024	U	<0.026	U	-	-
Perfluorooctanesulfonic acid	<0.037	U	0.042	J	0.073	J	0.88	1.0
Perfluorooctanoic acid	<0.023	U	0.035	J I	0.028	J	0.66	0.8
Perfluoropentanesulfonic acid	<0.023	U	<0.026	U	<0.028	U	-	-
Perfluoropentanoic acid	<0.025	U	<0.028	U	<0.030	U	-	-
Perfluorotetradecanoic acid	0.082	J	0.22	J	0.31		-	-
Perfluorotridecanoic acid	0.035	J	0.11	J	0.34		-	-
Perfluoroundecanoic acid	<0.059	U	<0.065	U	<0.070	U	-	-
PFECA A	<0.023	U	<0.026	U	<0.028	U	-	-
PFECA B	<0.025	U	<0.028	U	<0.030	U	-	-
PFECA F	<0.024	U	<0.027	U	<0.029	U	-	-
PFEESA	<0.021	U	<0.023	U	<0.025	U	-	-

Notes:

BOLD GRAY shaded values exceed NYSDEC Guidance Value for unrestricted use.

*- : LCS and/or LCSD is outside acceptance limits, low biased.

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

F1 : MS and/or MSD recovery exceeds control limits.

I : Value is EMPC (estimated maximum possible concentration).

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Notes:

SCDHS: Suffolk County Department of Health Services

BOLD YELLOW shaded values exceed NYSDEC Soil Cleanup Objective for protection of groundwater.

TIC: Tentatively-Identified Compound U : Indicates the analyte was analyzed for but not detected.

*T There are no TICs reported for the sample F1 : MS and/or MSD recovery exceeds control limits.

*+ : LCS and/or LCSD is outside acceptance limits, high biased. F2 : MS/MSD RPD exceeds control limits

- No NYSDEC Soil Cleanup Objective or SCDHS Action Level established.

TABLE 2.2.2.2 (Continued)
LEACHING POOL CHEMICAL ANALYTICAL DATA
AIRPORT PARKING LOT
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
173 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	LP - 6	LP-69 (Duplicate LP-69)	LP - 7	NYSDEC PART 375.6 Soil Cleanup Objectives		SCDHS Action Levels	
Sample Depth Below Grade (feet)	0 - 0.5		0 - 0.5	Unrestricted Use	Protection of Groundwater		
Sample Date	11/1/2022						
SCDHS Semivolatile Organic Compounds in milligrams per kilogram							
Acenaphthene	<0.0099 U	<0.011 U	0.014 J	20	98	200	
Anthracene	<0.011 U F1	<0.012 U F1	0.027 J F1	100	1,000	200	
Benzo[a]anthracene	0.073	0.064	0.22	1	1	2	
Benzo[a]pyrene	0.10 F1	0.11 F1	0.31 F1	1	22	400	
Benzo[b]fluoranthene	0.23	0.24	0.61	1	2	3.4	
Benzo[g,h,i]perylene	0.070 J F1	0.081 J F1	0.23 J F1	100	1,000	200	
Benzo[k]fluoranthene	0.081	0.085	0.23	1	2	3.4	
Chrysene	0.16 J F1	0.17 J F1	0.44 F1	1	1	2	
Dibenz(a,h)anthracene	0.020 J F1	<0.017 U F1	0.040 J F1	0.33	1,000	200	
Fluoranthene	0.29 J	0.25 J	0.71	100	1,000	200	
Fluorene	<0.010 U	<0.011 U	0.019 J	30	386	200	
Hexachloroethane	<0.012 U F1	<0.013 U F1	<0.014 U F1	-	-	22	
Indeno[1,2,3-cd]pyrene	0.094 J F1	0.14 F1	0.32 F1	0.5	8	16	
n-Decane	<0.019 U	<0.021 U	<0.023 U	-	-	200	
Phenanthrene	0.12 J F1	0.096 J F1	0.34 J F1	100	1,000	200	
Pyrene	0.21 J	0.20 J	0.58	100	1,000	200	
SCDHS Metals in milligrams per kilogram							
Arsenic	0.31 J	0.52 J	1.1	13	16	30	
Barium	3.2	4.0	10.4	250	820	4,000	
Beryllium	<0.045 U	<0.047 U	0.094 J	7.2	47	240	
Cadmium	<0.088 U	<0.094 U	<0.12 U	2.5	7.5	40	
Chromium	0.91 J	2.3	6.6	30	19	100	
Copper	11.3 F1	11.4 F1	29.9 F1	50	1,720	8,500	
Lead	1.3 F1	3.0 F1	12.9 F1	63	450	2,000	
Mercury	<0.0080 U	<0.0090 U	0.021	0.18	0.73	3.7	
Nickel	1.2 J	2.2	5.1	30	130	650	
Silver	<0.070 U F1	<0.074 F1	<0.098 U F1	2	8.3	50	

Notes:

SCDHS: Suffolk County Department of Health Services

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit; the concentration is an approximate value or the CCV was outside of method criteria

U : Indicates the analyte was analyzed for but not detected.

- No NYSDEC Soil Cleanup Objective established.

F1 : MS and/or MSD recovery exceeds control limits.

TABLE 2.2.2.3
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P9										NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90		
Sample Dates	1/3/2023						9/11/2023				
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter											
Perfluorobutanoic acid (PFBA)	<1.71 U	<1.69 U	<1.68 U	<1.7 U	28.2	36.8	17.3	23.6	4.09	-	
Perfluoropentanoic acid (PFPA)	1.17 J	1.71	1.2 J	2.7	98.4	156	60.3	81.3	12.9	-	
Perfluorohexanoic acid (PFHxA)	1.37 J	2.47	2.06	7.11	293	359 D	177	302	46.2	-	
Perfluoroheptanoic acid (PFHpA)	0.76 J	3.12	1.59 J	1.08 J	35.9	18.4	11.8	13.5	2.37	-	
Perfluorooctanoic acid (PFOA)	0.84 J	4.26	2.73	1.56 J	51.8	3.15	3.26	7.43	1.54 J	6.7	
Perfluorononanoic acid (PFNA)	<0.43 U	2.05	0.69 J	<0.42 U	0.69 J	<0.44 U	<0.16 U	0.18 J	0.26 J	-	
Perfluorodecanoic acid (PFDA)	<0.43 U	1.93	0.58 J	<0.42 U	<0.43 U	<0.44 U	<0.24 U	<0.25 U	0.47 J	-	
Perfluoroundecanoic acid (PFUnA)	<0.43 U	0.52 J	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.24 U	<0.25 U	<0.25 U	-	
Perfluorododecanoic acid (PFDoA)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorobutanesulfonic acid (PFBS)	0.76 J	1.15 J	0.78 J	3.65	126	433 D	145	176	27.8	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.43 U	<0.42 U	0.46 J	2.05	86.6	61.4	53.6	86.8	12.7	-	
Perfluorohexanesulfonic acid (PFHxS)	0.79 J	1.49 J	4.22	5.24	183	73.4	45.0	59.3	7.35	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	11.1	0.8 J	0.41 J	1.62 J	<0.25 U	-	
Perfluorooctanesulfonic acid (PFOS)	1.23 J	9.41	22.9	11.9	299	13 I	10.2 I	43.6	6.56	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.24 U	<0.25 U	<0.25 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.24 U	<0.25 U	<0.25 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.24 U	<0.25 U	<0.25 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.41 U	<0.41 U	<0.41 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.58 U	<3.56 U	<3.54 U	<3.56 U	5.75	<3.70 U	0.65 J	1.12 J	<0.41 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.49 U	<0.49 U	<0.49 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.6 U	0.62 J	1.62 J	<0.59 U	0.92 J	<0.62 U	0.30 J	0.25 J	0.29 J	-	
NMeFOSA	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.57 U	<0.58 U	<0.57 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
NMeFOSAA	<0.51 U	<0.51 U	<0.51 U	<0.51 U	<0.52 U	<0.53 U	<0.33 U	<0.33 U	<0.33 U	-	
NEtFOSAA	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.41 U	<0.41 U	<0.41 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
HFPO-DA	<0.85 U	<0.85 U	<0.84 U	<0.85 U	<0.86 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.41 U	<0.41 U	<0.41 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.24 U	<0.25 U	<0.25 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	0.21 J	<0.24 U	<0.25 U	<0.25 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.24 U	<0.25 U	<0.25 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.41 U	<0.41 U	<0.41 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.44 U	<0.41 U	<0.41 U	<0.41 U	-	
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.24 U	<0.25 U	<0.25 U	-	
3:3 FTCA	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.26 U	<0.41 U	<0.41 U	<0.41 U	-	
5:3 FTCA	<0.35 U	<0.35 U	<0.35 U	<0.35 U	<0.35 U	<0.35 U	<0.41 U	<0.41 U	<0.41 U	-	
7:3 FTCA	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.26 U	<0.90 U	<0.90 U	<0.90 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.3 (Continued)
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P10						NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	
Sample Dates	1/25/2023						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter							
Perfluorobutanoic acid (PFBA)	<1.72 U	<1.79 U	<1.75 U	<1.77 U	<1.70 U	<1.84 U	-
Perfluoropentanoic acid (PFPA)	1.69 J	1.12 J	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorohexanoic acid (PFHxA)	1.90	1.30 J	<0.79 U	<0.80 U	<0.76 U	<0.83 U	-
Perfluoroheptanoic acid (PFHpA)	1.12 J	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorooctanoic acid (PFOA)	1.56 J	0.67 J	0.90 J	<0.44 U	<0.42 U	<0.46 U	6.7
Perfluorononanoic acid (PFNA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorodecanoic acid (PFDA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluoroundecanoic acid (PFUnA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorododecanoic acid (PFDoA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorotridecanoic acid (PFTriA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorobutanesulfonic acid (PFBS)	0.75 J	<0.45 U	0.44 J	<0.44 U	<0.42 U	<0.46 U	-
Perfluoropentanesulfonic acid (PFPeS)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorohexanesulfonic acid (PFHxS)	1.67 J	1.11 J	1.07 J	<0.44 U	<0.42 U	<0.46 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorooctanesulfonic acid (PFOS)	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.62 U	<3.76 U	<3.67 U	<3.72 U	<3.57 U	<3.86 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
Perfluorooctanesulfonamide (FOSA)	<0.60 U	<0.63 U	<0.61 U	<0.62 U	<0.59 U	<0.64 U	-
NMeFOSA	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
NMeFOSAA	<0.52 U	<0.54 U	<0.52 U	<0.53 U	<0.51 U	<0.55 U	-
NEtFOSAA	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
HFPO-DA	<0.86 U	<0.90 U	<0.87 U	<0.88 U	<0.85 U	<0.92 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.18 U	<0.17 U	<0.18 U	<0.17 U	<0.18 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.18 U	<0.17 U	<0.18 U	<0.17 U	<0.18 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.18 U	<0.17 U	<0.18 U	<0.17 U	<0.18 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.43 U	<0.45 U	<0.44 U	<0.44 U	<0.42 U	<0.46 U	-
PFEESA	<0.17 U	<0.18 U	<0.17 U	<0.18 U	<0.17 U	<0.18 U	-
3:3 FTCA	<0.26 U	<0.27 U	<0.26 U	<0.27 U	<0.25 U	<0.28 U	-
5:3 FTCA	<0.17 U	<0.18 U	<0.17 U	<0.18 U	<0.17 U	<0.18 U	-
7:3 FTCA	<0.26 U *	<0.27 U *	<0.26 U *	<0.27 U *	<0.25 U *	<0.28 U *	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

SDG 460-273640 (P10)

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.3 (Continued)
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P11										NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90		
Sample Dates	12/13/2023						9/12/2023				
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter											
Perfluorobutanoic acid (PFBA)	<1.82 U	2.21 J	<1.67 U	<1.70 U	<1.92 U	5.58	14.9	25.4	26.5	-	
Perfluoropentanoic acid (PFPA)	0.86 J	2.65	0.95 J	<0.43 U	3.94	16.5	62.7	83.7	80.5	-	
Perfluorohexanoic acid (PFHxA)	0.94 J	2.48	1.94	0.78 J	11.4	42.3	143	98.2	84.6	-	
Perfluoroheptanoic acid (PFHpA)	0.82 J	2.36	1.46 J	<0.43 U	4.65	30.8	15.9	22.5	25.2	-	
Perfluorooctanoic acid (PFOA)	1.38 J	4.61	3.30	0.93 J	11.4	16.3	3.49	6.34	8.78	6.7	
Perfluorononanoic acid (PFNA)	<0.46 U	<0.47 U	0.46 J	<0.43 U	<0.48 U	<0.44 U	<0.17 U	<0.17 U	<0.16 U	-	
Perfluorodecanoic acid (PFDA)	0.72 J	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluorododecanoic acid (PFDoA)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.33 U	<0.33 U	<0.33 U	-	
Perfluorobutanesulfonic acid (PFBS)	1.10 J	1.73 J	1.14 J	<0.43 U	13.6	17.1	167	207	190	-	
Perfluoropentanesulfonic acid (PFPeS)	0.91 J	1.03 J	1.36 J	<0.43 U	11.5	43.6	33.4	18.7	19.3	-	
Perfluorohexanesulfonic acid (PFHxS)	4.78	4.78	18.7	5.20	90.6	485 D	115	110	120	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.46 U	<0.47 U	3.31	0.50 J	<0.48 U	<0.44 U	0.43 J	0.57 J	0.93 J	-	
Perfluorooctanesulfonic acid (PFOS)	2.22	1.33 J	29.4	2.16	<0.96 U	0.88 U	4.70 I	3.63 I	5.73	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.25 U	<0.25 U	<0.25 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.41 U	<0.42 U	<0.41 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.83 U	<3.96 U	<3.51 U	<3.57 U	<4.03 U	<3.68 U	<2.00 UJ	<2.0 UJ	<2.0 UJ	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.50 U	<0.50 U	<0.49 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.64 U	<0.66 U	<0.59 U	<0.60 U	<0.67 U	<0.61 U	<0.25 U	<0.25 U	<0.25 U	-	
NMeFOSA	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.58 U	<0.58 U	<0.58 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
NMeFOSAA	<0.55 U	<0.57 U	<0.50 U	<0.51 U	<0.58 U	<0.53 U	<0.33 U	<0.33 U	<0.33 U	-	
NEtFOSAA	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.41 U	<0.42 U	<0.41 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
HFPO-DA	<0.91 U	<0.94 U	<0.84 U	<0.85 U	<0.96 U	<0.88 U	<0.33 U	<0.33 U	<0.33 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.41 U	<0.42 U	<0.41 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.18 U	<0.19 U	<0.17 U	<0.17 U	<0.19 U	<0.18 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.18 U	<0.19 U	<0.17 U	<0.17 U	<0.19 U	<0.18 U	<0.25 U	<0.25 U	<0.25 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.18 U	<0.19 U	<0.17 U	<0.17 U	<0.19 U	<0.18 U	<0.25 U	<0.25 U	<0.25 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.41 U	<0.42 U	<0.41 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.46 U	<0.47 U	<0.42 U	<0.43 U	<0.48 U	<0.44 U	<0.41 U	<0.42 U	<0.41 U	-	
PFEESA	<0.18 U	<0.19 U	<0.17 U	<0.17 U	<0.19 U	<0.18 U	<0.25 U	<0.25 U	<0.25 U	-	
3:3 FTCA	<0.27 U	<0.28 U	<0.25 U	<0.26 U	<0.29 U	<0.26 U	<0.41 U	<0.42 U	<0.41 U	-	
5:3 FTCA	<0.18 U	<0.19 U	<0.17 U	<0.17 U	<0.19 U	<0.18 U	<0.41 U	<0.42 U	<0.41 U	-	
7:3 FTCA	<0.27 U *-	<0.28 U *-	<0.25 U *-	<0.26 U *-	<0.29 U *-	<0.26 U *-	<0.91 U	<0.91 U	<0.91 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.3 (Continued)
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P12										P112 (Duplicate)	NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90	85-90		
Sample Dates	1/25/2023						9/13/2023					
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter												
Perfluorobutanoic acid (PFBA)	3.92 J	2.39 J	<1.62 U	<1.64 U	<1.62 U	<1.66 U	1.48 J	2.80		2.84	2.70	-
Perfluoropentanoic acid (PFPA)	1.85	2.20	1.65	2.35	1.05 J	1.90	3.50	7.47		7.48	7.10	-
Perfluorohexanoic acid (PFHxA)	3.90	3.65	1.89	3.37	2.74	4.39	5.59	10.2		9.61	8.94	-
Perfluoroheptanoic acid (PFHpA)	2.93	3.11	2.16	2.16	2.07	2.19	4.26	8.00		5.57	5.44	-
Perfluorooctanoic acid (PFOA)	4.53	5.18	2.92	3.92	3.29	2.64	2.05	2.92		4.02	4.17	6.7
Perfluorononanoic acid (PFNA)	0.51 J	0.67 J	<0.40 U	<0.41 U	<0.40 U	<0.42 U	0.17 J	0.42 J		0.27 J	0.28 J	-
Perfluorodecanoic acid (PFDA)	<0.41 U	0.66 J	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluoroundecanoic acid (PFUnA)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluorododecanoic acid (PFDoA)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
Perfluorotridecanoic acid (PFTriA)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
Perfluorobutanesulfonic acid (PFBS)	2.68	2.27	1.44 J	1.22 J	0.85 J	0.87 J	6.72	15.9		17.2	16.6	-
Perfluoropentanesulfonic acid (PFPeS)	1.91	1.75	0.46 J	1.30 J	1.41 J	3.16	2.22	6.54		5.71	5.41	-
Perfluorohexanesulfonic acid (PFHxS)	18.1	31.3	5.28	15.6	18.1	44.8	20.2	59.2		47.8	45.6	-
Perfluoroheptanesulfonic acid (PFHpS)	0.47 J	0.60 J	<0.40 U	1.37 J	3.14	3.40	<0.26 U	<0.26 U		0.34 J	0.36 J	-
Perfluorooctanesulfonic acid (PFOS)	17.9	27.8	6.95	23.1 I	34.2	14.6	3.14	5.81		22.1	21.6	2.7
Perfluorononanesulfonic acid (PFNS)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.45 U	<3.43 U	<3.40 U	<3.44 U	<3.40 U	<3.50 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.52 U	<0.52 U		<0.52 U	<0.52 U	-
Perfluorooctanesulfonamide (FOSA)	0.66 J	0.72 J	<0.57 U	0.79 J	<0.57 U	<0.58 U	<0.26 U	<0.26 U		0.28 J	0.35 J	-
NMeFOSA	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.60 U	<0.61 U		<0.61 U	<0.60 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
NMeFOSAA	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.50 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
NEtFOSAA	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NEtFOSE)	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
HFPO-DA	<0.82 U	<0.82 U	<0.81 U	<0.82 U	<0.81 U	<0.83 U	<0.34 U	<0.35 U		<0.35 U	<0.35 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.41 U	<0.41 U	<0.40 U	<0.41 U	<0.40 U	<0.42 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
PFEESA	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.26 U	<0.26 U		<0.26 U	<0.26 U	-
3:3 FTCA	<0.25 U	<0.25 U	<0.24 U	<0.25 U	<0.24 U	<0.25 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
5:3 FTCA	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	-
7:3 FTCA	<0.25 U F1	<0.25 U F1	<0.24 U F1	<0.25 U F1	<0.24 U F1	<0.25 U F1	<0.95 U	<0.95 U		<0.95 U	<0.95 U	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.3 (Continued)
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P13						P14							NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	P114 (45-50 Duplicate)	55-60		
Sample Dates	1/30/2023						1/25/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	<1.66 U	<1.67 U	<1.70 U	<1.67 U	<1.68 U	<1.77 U	<1.92 U	<1.89 U	<1.92 U	<1.81 U	<1.85 U	1.82 U	3.09 J	-	
Perfluoropentanoic acid (PFPA)	2.18	2.33	2.28	<0.42 U	<0.42 U	<0.44 U	<0.48 U	4.44	<0.48 U	1.38 J	3.88	4.42	5.20	-	
Perfluorohexanoic acid (PFHxA)	1.36 J	1.37 J	1.30 J	<0.75 U	<0.76 U	<0.80 U	<0.86 U	2.70	<0.87 U	1.29 J	2.67	3.10	2.59	-	
Perfluoroheptanoic acid (PFHpA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	0.58 J	0.53 J	0.50 J	0.60 J	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorooctanoic acid (PFOA)	<0.41 U	0.45 J	<0.43 U	<0.42 U	<0.42 U	<0.44 U	1.01 J	0.89 J	1.10 J	1.22 J	<0.46 U	<0.45 U	<0.47 U	6.7	
Perfluorononanoic acid (PFNA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	0.58 J	<0.47 U	0.60 J	0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorodecanoic acid (PFDA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	0.62 J	<0.46 U	<0.45 U	<0.47 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorododecanoic acid (PFDoA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.41 U	0.50 J	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.41 U	0.43 J	<0.43 U	<0.42 U	<0.42 U	<0.44 U	0.99 J	0.68 J	<0.48 U	1.15 J	<0.46 U	0.47 J	0.50 J	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	0.47 U	-	
Perfluorohexanesulfonic acid (PFHxS)	3.06	3.72	2.05	0.54 J	<0.42 U	0.84 J	1.25 J	4.44	0.63 J	4.15	3.46	4.00	2.34	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.83 U	0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	2.43	2.80	1.22 J	7.43	2.27	2.38	<0.94 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.48 U	<3.51 U	<3.58 U	<3.51 U	<3.54 U	<3.72 U	<4.03 U	<3.98 U	<4.04 U	<3.79 U	<3.88 U	<3.82 U	<3.97 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U	<0.95 U	<0.96 U	<0.90 U	<0.92 U	<0.91 U	<0.94 U	-	
Perfluorooctanesulfonamide (FOSA)	0.58 J	0.88 J	<0.60 U	<0.59 U	<0.59 U	<0.62 U	<0.67 U	0.89 J	<0.67 U	<0.63 U	<0.65 U	<0.64 U	<0.66 U	-	
NMeFOSA	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U	<0.95 U	<0.96 U	<0.90 U	<0.92 U	<0.91 U	<0.94 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U	<0.95 U	<0.96 U	<0.90 U	<0.92 U	<0.91 U	<0.94 U	-	
NMeFOSAA	<0.50 U	<0.50 U	<0.51 U	<0.50 U	<0.51 U	<0.53 U	<0.58 U	<0.57 U	<0.58 U	<0.54 U	<0.55 U	<0.55 U	<0.57 U	-	
NEtFOSAA	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U	<0.95 U	<0.96 U	<0.90 U	<0.92 U	<0.91 U	<0.94 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U	<0.95 U	<0.96 U	<0.90 U	<0.92 U	<0.91 U	<0.94 U	-	
HFPO-DA	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	<0.89 U	<0.96 U F2	<0.95 U F2	<0.96 U F2	<0.90 U F2	<0.92 U F2	<0.91 U F2	<0.94 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	-	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.44 U	<0.48 U	<0.47 U	<0.48 U	<0.45 U	<0.46 U	<0.45 U	<0.47 U	-	
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	-	
3:3 FTCA	0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.25 U	<0.27 U	<0.29 U	<0.28 U	<0.29 U	<0.27 U	<0.28 U	<0.27 U	<0.28 U	-	
5:3 FTCA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	-	
7:3 FTCA	<0.25 U	<0.25 U *	0.26 U F1 *	<0.25 U *- F1	<0.25 U *- F1	<0.27 U *- F1	<0.29 U *- F1	<0.28 U *- F1	<0.29 U *- F1	<0.27 U *- F1	<0.28 U *- F1	<0.27 U *- F1	<0.28 U *-	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

SDG: 460-273640 (P14) SDG: 460-273766(P13)

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2: MS/MSD RPD exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.2.3 (Continued)
VERTICAL GROUNDWATER PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - TERMINAL PARKING LOT
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P15									NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90	
Sample Dates	1/26/2023						9/14/2023			
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter										
Perfluorobutanoic acid (PFBA)	<1.99 U	<2.02 U	<2.02 U	<1.84 U	<1.91 U	<1.96 U	0.95 J	1.51 J	1.03 J	-
Perfluoropentanoic acid (PFPA)	0.91 J	1.13 J	1.47 J	<0.46 U	<0.48 U	0.90 J	1.02 J	1.34 J	1.49 J	-
Perfluorohexanoic acid (PFHxA)	2.42	2.22	1.50 J	<0.83 U	<0.86 U	2.08	1.26 J	1.81	1.79	-
Perfluoroheptanoic acid (PFHpA)	0.76 J	0.83 J	1.21 J	<0.46 U	<0.48 U	1.00 J	1.10 J	1.13 J	0.92 J	-
Perfluorooctanoic acid (PFOA)	1.65 J	1.57 J	2.33	<0.46 U	0.58 J	1.53 J	2.61	2.75	2.38	6.7
Perfluorononanoic acid (PFNA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	0.64 J	0.90 J	0.33 J	-
Perfluorodecanoic acid (PFDA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	0.52 J	<0.27 U	<0.26 U	-
Perfluoroundecanoic acid (PFUnA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.27 U	<0.27 U	<0.26 U	-
Perfluorododecanoic acid (PFDoA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.36 U	<0.36 U	<0.35 U	-
Perfluorotridecanoic acid (PFTriA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.36 U	<0.36 U	<0.35 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.36 U	<0.36 U	<0.35 U	-
Perfluorobutanesulfonic acid (PFBS)	1.21 J	1.24 J	0.82 J	<0.46 U	<0.48 U	0.81 J	0.90 J	0.87 J	0.78 J	-
Perfluoropentanesulfonic acid (PFPeS)	<0.50 U	0.70 J	<0.50 U	<0.46 U	<0.48 U	3.77	<0.27 U	0.40 J	0.57 J	-
Perfluorohexanesulfonic acid (PFHxS)	2.48	3.07	2.03	1.43 J	2.95	59.9	2.65	3.57	8.98	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.27 U	<0.27 U	0.36 J	-
Perfluorooctanesulfonic acid (PFOS)	6.45	6.37	7.04	<0.92 U	<0.95 U	4.55	6.28	5.53	9.87	2.7
Perfluorononanesulfonic acid (PFNS)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.27 U	<0.27 U	<0.26 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.27 U	<0.27 U	<0.26 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.27 U	<0.27 U	<0.26 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.45 U	<0.45 U	<0.44 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<4.19 U	<4.24 U	<4.24 U	<3.86 U	<4.00 U	<4.12 U	<0.45 U	<0.45 U	<0.44 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<1.0 U	<1.01 U	<1.01 U	<0.92 U	<0.95 U	<0.98 U	<0.54 U	<0.54 U	<0.53 U	-
Perfluorooctanesulfonamide (FOSA)	1.17 J	1.97 J	<0.71 U	<0.64 U	<0.67 U	<0.69 U	0.48 J	<0.27 U	0.54 J	-
NMeFOSA	<1.0 U	<1.01 U	<1.01 U	<0.92 U	<0.95 U	<0.98 U	<0.63 U	<0.63 U	<0.62 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<1.0 U	<1.01 U	<1.01 U	<0.92 U	<0.95 U	<0.98 U	<0.36 U	<0.36 U	<0.35 U	-
NMeFOSAA	<0.60 U	<0.61 U	<0.61 U	<0.55 U	<0.57 U	<0.59 U	<0.36 U	<0.36 U	<0.35 U	-
NEtFOSAA	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.45 U	<0.45 U	<0.44 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<1.0 U	<1.01 U	<1.01 U	<0.92 U	<0.95 U	<0.98 U	<0.36 U	<0.36 U	<0.35 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<1.0 U	<1.01 U	<1.01 U	<0.92 U	<0.95 U	<0.98 U	<0.36 U	<0.36 U	<0.35 U	-
HFPO-DA	<1.0 U F2	<1.01 U F2	<1.01 U F2	<0.92 U F2	<0.95 U F2	<0.98 U F2	<0.36 U	<0.36 U	<0.35 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.45 U	<0.45 U	<0.44 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.20 U	<0.20 U	<0.20 U	<0.18 U	<0.19 U	<0.20 U	<0.27 U	<0.27 U	<0.26 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.20 U	<0.20 U	<0.20 U	<0.18 U	<0.19 U	<0.20 U	<0.27 U	<0.27 U	<0.26 U	-
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.20 U	<0.20 U	<0.20 U	<0.18 U	<0.19 U	<0.20 U	<0.27 U	<0.27 U	<0.26 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.45 U	<0.45 U	<0.44 U	-
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	<0.50 U	<0.50 U	<0.50 U	<0.46 U	<0.48 U	<0.49 U	<0.45 U	<0.45 U	<0.44 U	-
PFEESA	<0.20 U	<0.20 U	<0.20 U	<0.18 U	<0.19 U	<0.20 U	<0.27 U	<0.27 U	<0.26 U	-
3:3 FTCA	<0.30 U	<0.30 U	<0.30 U	<0.28 U	<0.29 U	<0.29 U	<0.45 U	<0.45 U	<0.44 U	-
5:3 FTCA	<0.20 U	<0.20 U	<0.20 U	<0.18 U	<0.19 U	<0.20 U	<0.45 U	<0.45 U	<0.44 U	-
7:3 FTCA	<0.30 U *- F1	<0.30 U *- F1	<0.30 U *- F1	<0.28 U F1 *-	<0.29 U *- F1	<0.29 U *- F1	<0.99 U	<0.99 U	<0.97 U	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWCs

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2: MS/MSD RPD exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.3.1
SOIL CHEMICAL ANALYTICAL DATA
NORTHEAST WOODS PLANE CRASH AREA
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-12		B-13		B-14	B-149 (Duplicate of B-14)	B-14	B-63		B-64		B-65		NYSDEC Guidance Values			
	Sample Depth Below Grade (feet)		Sample Depth Below Grade (feet)		Sample Depth Below Grade (feet)	Sample Depth Below Grade (feet)	Sample Depth Below Grade (feet)	Sample Depth Below Grade (feet)		Sample Depth Below Grade (feet)		Sample Depth Below Grade (feet)		Unrestricted Use	Protection of Groundwater		
Sample ID	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2				
Sample Date	9/30/2021							11/1/2022									
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram																	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.64 U	<0.61 U	<0.63 U	<0.61 U	<0.69 U	<0.67 U	<0.65 U	<0.064 U	<0.059 U	<0.058 U	<0.059 U	<0.058 U	<0.056 U	-	-		
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.64 U	<0.61 U	<0.63 U	<0.61 U	<0.69 U	<0.67 U	<0.65 U	<0.022 U	<0.020 U	0.067 J	<0.021 U	<0.020 U	<0.019 U	-	-		
NEtFOSAA	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.026 U	<0.029 U	0.075 J	<0.027 U	<0.026 U	<0.025 U	-	-		
NMeFOSAA	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.040 U	<0.037 U	<0.037 U	<0.037 U	<0.037 U	<0.035 U	-	-		
Perfluorobutanesulfonic acid (PFBS)	<0.42 U	<0.41 U	<0.42 U	<0.41 U	<0.46 U	<0.45 U	<0.43 U	<0.47 U	<0.44 U	<0.43 U	<0.44 U	<0.43 U	<0.41 U	-	-		
Perfluorobutanoic acid (PFBA)	<0.85 U	<0.81 U	<0.84 U	<0.82 U	3.04	3.30	<0.87 U	0.066 J	0.12 J	0.65	0.093 J	0.14 J	0.038 J	-	-		
Perfluorodecanesulfonic acid (PFDS)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.027 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.024 U	-	-		
Perfluorodecanoic acid (PFDA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	1.01 I	0.60 J	<0.22 U	0.090 J	<0.029 U	0.29	<0.029 U	0.044 J	<0.027 U	-	-		
Perfluorododecanoic acid (PFDoDA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	0.037 J	<0.028 U	0.076 J	<0.028 U	<0.027 U	<0.026 U	-	-		
Perfluoroheptanesulfonic acid (PFHpS)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.026 U	<0.024 U	<0.024 U	<0.024 U	<0.024 U	<0.023 U	-	-		
Perfluoroheptanoic acid (PFHpA)	0.22 J	<0.2 U	<0.21 U	<0.2 U	2.20	2.12	0.40 J	0.038 J	0.064 J	0.52	0.065 J	0.077 J	<0.027 U	-	-		
Perfluorohexanesulfonic acid (PFHxS)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.025 U	0.030 J	0.079 J	0.035 J	0.026 J	<0.022 U	-	-		
Perfluorohexanoic acid (PFHxA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	3.61	3.52	0.64 J	<0.025 U	0.048 J	0.79	0.10 J	0.092 J	0.033 J	-	-		
Perfluorononanoic acid (PFNA)	0.39 J	<0.2 U	<0.21 U	<0.2 U	0.84	0.93	<0.22 U	0.051 J	0.12 J	0.25	<0.028 U	0.067 J	<0.026 U	-	-		
Perfluorooctanesulfonamide (FOSA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.027 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.024 U	-	-		
Perfluorooctanesulfonic acid (PFOS)	0.68	<0.2 U	0.64	<0.2 U	0.56 J	0.62 J	<0.22 U	0.33	0.27	1.05	0.11 J	0.20 J	<0.040 U	0.88	1.0		
Perfluorooctanoic acid (PFOA)	0.98	<0.2 U	0.95	0.36 J	2.53	2.42	0.25 J	0.061 J	0.22 J	1.30	0.14 J	0.24	0.057 J	0.66	0.8		
Perfluoropentanoic acid (PFPeA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	7.29	6.87	1.08	0.045 J	0.057 J	1.34	0.19 J	0.13 J	0.047 J	-	-		
Perfluorotetradecanoic acid (PFTeDA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	<0.031 U	<0.029 U	0.037 J	<0.029 U	<0.028 U	<0.027 U	-	-		
Perfluorotridecanoic acid (PFTrDA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<0.22 U	0.030 J	<0.025 U	0.065 J	<0.025 U	<0.025 U	<0.024 U	-	-		
Perfluoroundecanoic acid (PFUnDA)	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.23 U	0.23 J	<0.22 U	0.082 J	<0.067 U	0.16 J	<0.068 U	<0.066 U	<0.064 U	-	-		
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	NA	NA	NA	NA	<0.029 U	<0.026 U	<0.026 U	<0.027 U	<0.026 U	<0.025 U	-	-		
Perfluorononanesulfonic acid (PFNS)	NA	NA	NA	NA	NA	NA	NA	<0.029 U	<0.026 U	<0.026 U	<0.027 U	<0.026 U	<0.025 U	-	-		
Perfluorododecanesulfonic acid (PFDoS)	NA	NA	NA	NA	NA	NA	NA	<0.026 U	<0.024 U	<0.024 U	<0.024 U	<0.024 U	<0.023 U	-	-		
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.020 U	<0.020 U	<0.021 U	<0.020 U	<0.019 U	-	-		
NMeFOSA	NA	NA	NA	NA	NA	NA	NA	<0.040 U	<0.037 U	<0.037 U	<0.037 U	<0.037 U	<0.035 U	-	-		
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NA	NA	NA	NA	NA	NA	NA	0.073 J	<0.030 U	<0.029 U	<0.030 U	<0.030 U	<0.029 U	-	-		
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NA	NA	NA	NA	NA	NA	NA	<0.030 U	<0.028 U	<0.027 U	<0.028 U	<0.027 U	<0.026 U	-	-		
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NA	NA	NA	NA	NA	NA	NA	<0.026 U	<0.024 U	<0.024 U	<0.024 U	<0.024 U	<0.023 U	-	-		
HFPO-DA	NA	NA	NA	NA	NA	NA	NA	<0.26 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.23 U	-	-		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA	NA	NA	NA	NA	NA	NA	<0.029 U	<0.026 U	<0.026 U	<0.027 U	<0.026 U	<0.025 U	-	-		
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	NA	NA	NA	NA	<0.030 U	<0.028 U	<0.027 U	<0.028 U	<0.027 U	<0.026 U	-	-		
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA	NA	NA	NA	NA	NA	NA	<0.029 U	<0.026 U	<0.026 U	<0.027 U	<0.026 U	<0.025 U	-	-		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	NA	NA	NA	NA	<0.031 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.027 U	-	-		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	NA	NA	NA	NA	NA	NA	NA	<0.031 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.027 U	-	-		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NA	NA	NA	NA	NA	NA	NA	<0.029 U	<0.026 U	<0.026 U	<0.027 U	<0.026 U	<0.025 U	-	-		
PFEESA	NA	NA	NA	NA	NA	NA	NA	<0.026 U	<0.024 U	<0.024 U	<0.024 U	<0.024 U	<0.023 U	-	-		
3:3 FTCA	NA	NA	NA	NA	NA	NA	NA	<0.026 U	<0.024 U	<0.024 U	<0.024 U	<0.024 U	<0.023 U	-	-		
5:3 FTCA	NA	NA	NA	NA	NA	NA	NA	<0.025 U	<0.023 U	<0.022 U	<0.023 U	<0.022 U	<0.022 U	-	-		
7:3 FTCA	NA	NA	NA	NA	NA	NA	NA	<0.021 U	<0.019 U	0.031 J	<0.019 U	<0.019 U	<0.018 U	-	-		

Notes:

BOLD gray shaded values exceed NYSDEC Guidance Value for unrestricted use

BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*-:LCS and/or LCSD is outside acceptance limit, low bias.

I: Value is estimated maximum possible concentration

NA - Compound not analyzed.

TABLE 2.2.4.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT RUNWAY CRASH AREAS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-8		B-18		B-21		B-219 (Duplicate of B-21)		B-58		NYSDEC Part 375 Soil Cleanup Objectives	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
	Sample Depth Below Grade (feet)											
Sample Date	9/30/2021											
Volatile Organic Compounds in milligrams per kilogram												
1,1,1-Trichloroethane	<0.00063	U	<0.00047	U	<0.00077	U	<0.00067	U	<0.00098	U	0.68	0.68
1,1-Dichloroethane	<0.00056	U	<0.00041	U	<0.00068	U	<0.00059	U	<0.00086	U	0.27	0.27
1,1-Dichloroethene	<0.00061	U	<0.00045	U	<0.00074	U	<0.00065	U	<0.00094	U	0.33	0.33
1,2,4-Trimethylbenzene	<0.00067	U	<0.00049	U	<0.00081	U	<0.00071	U	<0.001	U	3.6	3.6
1,2-Dichlorobenzene	<0.00098	U	<0.00072	U	<0.0012	U	<0.001	U	<0.0015	U	1.1	1.1
1,2-Dichloroethane	<0.00081	U	<0.00059	U	<0.00098	U	<0.00085	U	<0.0012	U	0.02	0.02
1,3,5-Trimethylbenzene	<0.00086	U	<0.00063	U	<0.001	U	<0.0009	U	<0.0013	U	8.4	8.4
1,3-Dichlorobenzene	<0.00099	U	<0.00073	U	<0.0012	U	<0.001	U	<0.0015	U	2.4	2.4
1,4-Dichlorobenzene	<0.00061	U	<0.00045	U	<0.00074	U	<0.00065	U	<0.00094	U	1.8	1.8
2-Butanone (MEK)	<0.001	U	<0.00074	U *	<0.0012	U *	<0.0011	U	<0.0015	U *	0.12	0.12
Acetone	<0.016	U	<0.011	U	<0.019	U	<0.016	U	<0.024	U	0.05	0.05
Benzene	<0.0007	U	<0.00052	U	<0.00085	U	<0.00074	U	<0.0011	U	0.06	0.06
Carbon tetrachloride	<0.0011	U	<0.00077	U	<0.0013	U	<0.0011	U	<0.0016	U	0.76	0.76
Chlorobenzene	<0.00048	U	<0.00035	U	<0.00058	U	<0.00051	U	<0.00074	U	1.1	1.1
Chloroform	<0.0026	U	<0.0019	U	<0.0032	U	<0.0028	U	<0.0041	U	0.37	0.37
cis-1,2-Dichloroethene	<0.00098	U	<0.00072	U	<0.0012	U	<0.001	U	<0.0015	U	0.25	0.25
Ethylbenzene	<0.00054	U	<0.0004	U	<0.00066	U	<0.00057	U	<0.00084	U	12	1
Methyl tert-butyl ether	<0.0014	U	<0.001	U	<0.0017	U	<0.0015	U	<0.0021	U	0.93	0.93
Methylene Chloride	<0.0031	U	<0.0023	U	<0.0038	U	<0.0033	U	<0.0048	U	0.05	0.05
n-Butylbenzene	<0.0008	U	<0.00059	U	<0.00097	U	<0.00084	U	<0.0012	U	12	12
N-Propylbenzene	<0.00048	U	<0.00035	U	<0.00058	U	<0.0005	U	<0.00073	U	3.9	3.9
sec-Butylbenzene	<0.00078	U	<0.00058	U	<0.00095	U	<0.00083	U	<0.0012	U	11	11
tert-Butylbenzene	<0.00075	U	<0.00055	U	<0.00091	U	<0.00079	U	<0.0012	U	5.9	5.9
Tetrachloroethene	<0.00083	U	<0.00061	U *	<0.001	U *	<0.00088	U	<0.0013	U *	1.3	1.3
Toluene	<0.00064	U	<0.00047	U	<0.00077	U	<0.00067	U	<0.00098	U	0.7	0.7
trans-1,2-Dichloroethene	<0.00067	U	<0.00049	U	<0.00081	U	<0.00071	U	<0.001	U	0.19	0.19
Trichloroethene	<0.00087	U	<0.00064	U	<0.0011	U	<0.00092	U	<0.0013	U	0.47	0.47
Vinyl chloride	<0.0015	U	<0.0011	U	<0.0018	U	<0.0016	U	<0.0023	U	0.02	0.02
Xylenes, Total	0.0017	U	<0.0013	U	<0.0021	U	<0.0018	U	<0.0027	U	0.26	1.6

Notes:

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.4.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT RUNWAY CRASH AREAS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-8		B-18		B-21		B-219 (Duplicate of B-21)		B-58		NYSDEC Part 375 Soil Cleanup Objectives	
	Sample Depth Below Grade (feet)		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Date		9/30/2021										
Semivolatile Organic Compounds in milligrams per kilogram												
1,4-Dioxane	<0.077	U	<0.077	U	<0.077	U	<0.077	U	<0.077	U	0.1	0.1
2-Methylphenol	<0.014	U	<0.014	U	<0.014	U	<0.013	U	<0.015	U	-	-
3 & 4 Methylphenol	0.023	U	<0.023	U	<0.023	U	<0.023	U	<0.025	U	-	-
Acenaphthene	0.042	J	<0.01	U	<0.011	U	<0.01	U	<0.011	U	20	98
Acenaphthylene	<0.0037	U	<0.0036	U	<0.0038	U	<0.0036	U	<0.004	U	-	-
Anthracene	0.051	J	<0.011	U	<0.011	U	<0.011	U	<0.012	U	100	1,000
Benzo[a]anthracene	0.39		0.020	J	<0.013	U	<0.013	U	<0.014	U	1	1
Benzo[a]pyrene	0.50		0.021	J	<0.01	U	<0.0096	U	<0.011	U	1	22
Benzo[b]fluoranthene	0.81		0.042		<0.0097	U	<0.0093	U	<0.01	U	1	1.7
Benzo[g,h,i]perylene	0.34	J	0.019	J	<0.011	U	<0.011	U	<0.012	U	100	1,000
Benzo[k]fluoranthene	0.27		0.016	J	<0.0074	U	<0.0071	U	<0.0078	U	0.8	1.7
Chrysene	0.63		0.035	J	0.0073	J	0.0093	J	<0.0067	U	1	1
Dibenz(a,h)anthracene	0.12		<0.016	U	<0.016	U	<0.016	U	<0.017	U	0.33	1,000
Dibenzofuran	0.014	J	<0.0051	U	<0.0053	U	<0.0051	U	<0.0056	U	7	210
Fluoranthene	1.1		0.049	J	<0.013	U	<0.013	U	<0.014	U	100	1,000
Fluorene	0.034	J	<0.0049	U	<0.0051	U	<0.0049	U	<0.0054	U	30	386
Hexachlorobenzene	<0.017	U	<0.017	U	<0.018	U	<0.017	U	<0.019	U	-	3.2
Indeno[1,2,3-cd]pyrene	0.40		0.019	J	<0.015	U	<0.014	U	<0.016	U	0.5	8.2
Naphthalene	<0.0063	U	<0.0063	U	<0.0065	U	<0.0062	U	<0.0069	U	12	12
Pentachlorophenol	<0.075	U	<0.074	U	<0.077	U	<0.074	U	<0.081	U	0.8	0.8
Phenanthrene	0.63		0.041	J	<0.0066	U	0.010	J	<0.007	U	100	1,000
Phenol	<0.013	U	<0.013	U	<0.014	U	<0.013	U	<0.015	U	0.33	0.33
Pyrene	0.98		0.044	J	<0.0093	U	0.0093	J	<0.0099	U	100	1,000

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

SGD: 460-244125-1

TABLE 2.2.4.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT RUNWAY CRASH AREAS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-8	B-18	B-20		B-21	B-219 (Duplicate B-21)	B-21	B-22		B-58	B-66	B-669 (Duplicate of B-66)	B-66	B-67		NYSDEC Part 375 Soil Cleanup Objectives	
																Unrestricted Use	Protection of Groundwater
Depth Below Grade (feet)	0 - 0.5	0 - 0.5	0 - 0.5	1.0-2.0	0 - 0.5	0 - 0.5	1.0-2.0	0 - 0.5	1.0-2.0	0 - 0.5	0 - 0.5	0 - 0.5	1.0-2.0	0 - 0.5	1.0-2.0	Unrestricted Use	Protection of Groundwater
Sample Date	9/30/2021		11/1/2022		9/30/2021		11/1/2022	11/1/2022		9/30/2021	11/1/2022		11/1/2022				
Metals in milligrams per kilogram																	
Aluminum	5,140	2,870	NA	NA	5,230	9,100	NA	NA	NA	5,050	NA	NA	NA	NA	NA	-	-
Antimony	<0.15 U	<0.15 U	NA	NA	<0.16 U	<0.15 U	NA	NA	NA	<0.16 U	NA	NA	NA	NA	NA	-	-
Arsenic	4.1	1.8	8.0	0.79 J	10.3	28.2	0.32 J	10.5	2.8	1.3	5.4	5.6	1.2	2.6	0.42 J	13	16
Barium	12.7	5.8	NA	NA	10.6	24.8	NA	NA	NA	9.2	NA	NA	NA	NA	NA	250	820
Beryllium	0.15 J	0.073 J	NA	NA	0.15 J	0.28 J	NA	NA	NA	0.14 J	NA	NA	NA	NA	NA	7.2	47
Cadmium	<0.12 U	<0.12 U	NA	NA	<0.12 U	<0.12 U	NA	NA	NA	<0.13 U	NA	NA	NA	NA	NA	2.5	7.5
Calcium	479	120	NA	NA	212	448	NA	NA	NA	143	NA	NA	NA	NA	NA	-	-
Chromium	8.9	4.3	NA	NA	5.9	10.4	NA	NA	NA	4.7	NA	NA	NA	NA	NA	30	-
Cobalt	1.6 J	0.84 J	NA	NA	1.5 J	2.2	NA	NA	NA	1.3 J	NA	NA	NA	NA	NA	-	-
Copper	9.7	5.3	20.3 F1	2.2 F1	23.1 F1	65.1	1.4 F1 J	25.9 F1	9.5 F1	3.3	12.0 F1	12.1 F1	5.5 F1	6.9 F1	1.5 F1 J	50	1,720
Iron	7,060	3,900	NA	NA	5,210	9,720	NA	NA	NA	5,050	NA	NA	NA	NA	NA	-	-
Lead	16.9	23.0	NA	NA	7.7	24.7	NA	NA	NA	7.0	NA	NA	NA	NA	NA	63	450
Magnesium	633	414	NA	NA	644	1,070	NA	NA	NA	581	NA	NA	NA	NA	NA	-	-
Manganese	75.8	24.0	NA	NA	55.0	117	NA	NA	NA	60.7	NA	NA	NA	NA	NA	1,600	2,000
Nickel	3.5	2.9	NA	NA	3.3	5.1	NA	NA	NA	3.0	NA	NA	NA	NA	NA	30	130
Potassium	184	135	NA	NA	200	313	NA	NA	NA	183	NA	NA	NA	NA	NA	-	-
Selenium	0.21 J	0.20 J	NA	NA	0.15 J	0.31 J	NA	NA	NA	0.17 J	NA	NA	NA	NA	NA	3.9	4
Silver	<0.094 U	<0.094 U	NA	NA	<0.095 U	<0.093 U	NA	NA	NA	<0.099 U	NA	NA	NA	NA	NA	2	8.3
Sodium	54.3 J	<48.2 U	NA	NA	<48.9 U	<47.5 U	NA	NA	NA	<50.8 U	NA	NA	NA	NA	NA	-	-
Thallium	0.047 J	<0.043 U	NA	NA	0.050 J	0.12 J	NA	NA	NA	<0.046 U	NA	NA	NA	NA	NA	-	-
Vanadium	12.3	16.8	NA	NA	9.7	16.6	NA	NA	NA	9.4	NA	NA	NA	NA	NA	-	-
Zinc	16.9	8.6	NA	NA	9.3	17.0	NA	NA	NA	8.6 J	NA	NA	NA	NA	NA	109	2,480
Mercury	0.047	0.018 J	NA	NA	0.10	0.066	NA	NA	NA	0.015 J	NA	NA	NA	NA	NA	0.18	0.73
PCBs in milligrams per kilogram																	
Aroclor 1016	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1221	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1232	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1242	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1248	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1254	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1260	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor 1268	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Aroclor-1262	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	-	-
Total PCBs	<0.02 U	<0.02 U	NA	NA	<0.02 U	<0.019 U	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	0.1	3.2

Notes:

Bold gray shaded values exceed NYSDEC Soil Cleanup Objective for unrestricted use

Bold yellow shaded values exceed NYSDEC Soil Cleanup Objective for protection of groundwater

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

NA: Not Analyzed

F1: MS and/or MSD exceeds control limit

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

TABLE 2.2.4.1 (continued)
SOIL CHEMICAL ANALYTICAL DATA
AIRPORT RUNWAY CRASH AREAS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-8		B-18		B-21		B-21 (Duplicate of B-21)		B-58		NYSDEC Part 375 Soil Cleanup Objectives	
	Sample Depth Below Grade (feet)		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Date	9/30/2021											
Pesticides in milligrams per kilogram												
4,4'-DDD	0.0043	J	0.0024	J P	<0.0013	U	<0.0012	U	<0.0014	U	0.0033	14
4,4'-DDE	0.082		0.028		0.028		0.045		0.0024	J	0.0033	17
4,4'-DDT	0.13		0.13		0.023		0.035		0.0064	J	0.0033	136
Aldrin	<0.0011	U	<0.0011	U	<0.0011	U	<0.0011	U	<0.0012	U	0.005	0.19
alpha-BHC	<0.00075	U	<0.00075	U	<0.00077	U	<0.00074	U	<0.00082	U	0.02	0.02
beta-BHC	<0.00083	U	<0.00082	U	<0.00085	U	<0.00082	U	<0.0009	U	0.036	0.09
Chlordane (technical)	<0.018	U	<0.018	U	<0.018	U	<0.018	U	<0.019	U	0.094	2.9
cis-Chlordane	<0.0012	U	<0.0012	U	<0.0012	U	<0.0012	U	<0.0013	U	-	-
delta-BHC	<0.00045	U	<0.00045	U	<0.00046	U	<0.00045	U	<0.00049	U	0.04	0.25
Dieldrin	<0.00096	U	<0.00095	U	0.013		0.018		<0.001	U	0.005	0.1
Endosulfan I	<0.0011	U	<0.0011	U	<0.0012	U	<0.0011	U	<0.0012	U	2.4	102
Endosulfan II	<0.0019	U	<0.0019	U	<0.0019	U	<0.0019	U	<0.0021	U	2.4	102
Endosulfan sulfate	<0.00093	U	<0.00092	U	<0.00095	U	<0.00092	U	<0.001	U	2.4	1,000
Endrin	<0.0011	U	<0.0011	U	<0.0011	U	<0.001	U	<0.0012	U	0.014	0.06
Endrin aldehyde	<0.0017	U	<0.0017	U	<0.0018	U	<0.0017	U	<0.0019	U	-	-
Endrin ketone	<0.0014	U	<0.0014	U	<0.0015	U	<0.0014	U	<0.0016	U	-	-
gamma-BHC (Lindane)	<0.00069	U	<0.00068	U	<0.0007	U	<0.00068	U	<0.00074	U	0.1	0.1
Heptachlor	<0.00087	U	<0.00087	U	<0.0009	U	<0.00086	U	<0.00095	U	0.042	0.38
Heptachlor epoxide	<0.0011	U	<0.0011	U	<0.0011	U	<0.0011	U	<0.0012	U	-	-
Methoxychlor	<0.0017	U	<0.0017	U	<0.0017	U	<0.0017	U	<0.0018	U	-	-
Toxaphene	<0.027	U	<0.027	U	<0.027	U	<0.026	U	<0.029	U	-	-
Herbicide in milligrams per kilogram												
Silvex (2,4,5-TP)	<0.0038	U	<0.0038	U	0.0039	U	<0.0038	U	0.0042	U	3.8	3.8

Notes:

Bold gray shaded values exceed NYSDEC Soil Cleanup Objective for unrestricted use

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

p : The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.4.2
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
AIR FIELD LOCATIONS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P17								NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	P117 (Duplicate) 25-30	35-40	45-50	55-60		
Sample Date	1/27/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter (ng/L)									
Perfluorobutanoic acid (PFBA)	<1.65 U	<1.64 U	<1.64 U	<1.66 U	<1.66 U	<1.65 U	<1.62 U	-	
Perfluoropentanoic acid (PFPA)	<0.41 U	<0.41 U	0.50 J	0.53 J	0.70 J	<0.41 U	<0.41 U	-	
Perfluorohexanoic acid (PFHxA)	<0.74 U	0.76 J	1.00 J	1.04 J	1.65 J	<0.74 U	<0.73 U	-	
Perfluoroheptanoic acid (PFHpA)	0.48 J	0.67 J	0.43 J	0.42 J	0.91 J	<0.41 U	<0.41 U	-	
Perfluorooctanoic acid (PFOA)	1.93	1.74	0.66 J	0.58 J	1.78	<0.41 U	0.64 J	6.7	
Perfluorononanoic acid (PFNA)	<0.41 U	0.43 J	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorodecanoic acid (PFDA)	<0.41 U	0.41 J	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorododecanoic acid (PFDoA)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.41 U	<0.41 U	0.42 J	<0.41 U	0.98 J	<0.41 U	<0.41 U	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.41 U	<0.41 U	0.41 U	<0.41 U	0.65 J	<0.41 U	<0.41 U	-	
Perfluorohexanesulfonic acid (PFHxS)	0.96 J	0.76 J	2.52	2.56	9.44	2.30	1.15 J	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	0.43 J	<0.41 U	<0.41 U	-	
Perfluorooctanesulfonic acid (PFOS)	2.09	2.05	2.81	2.88	6.41	0.82 U	5.25	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.46 U	<3.44 U	<3.44 U	<3.48 U	<3.49 U	<3.46 U	<3.41 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.58 U	<0.57 U	<0.57 U	<0.58 U	<0.58 U	<0.58 U	<0.57 U	-	
NMeFOSA	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
NMeFOSAA	<0.49 U	<0.49 U	<0.49 U	<0.50 U	<0.50 U	<0.49 U	<0.49 U	-	
NEtFOSAA	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
HFPO-DA	<0.82 U	<0.82 U	<0.82 U	<0.83 U	<0.83 U	<0.82 U	<0.81 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.42 U	<0.41 U	<0.41 U	-	
PFEESA	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	-	
3:3 FTCA	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.24 U	-	
5:3 FTCA	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	-	
7:3 FTCA	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.24 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2: MS/MSD RPD exceeds control limits

TABLE 2.2.4.2 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
AIR FIELD LOCATIONS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P17A										NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90		
Sample Date	1/27/2023						9/15/2023				
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter (ng/L)											
Perfluorobutanoic acid (PFBA)	<1.67 U	<1.83 U	2.15 J	<1.82 U	<1.84 U	<1.82 U	2.73	<0.87 U	0.98 J	-	
Perfluoropentanoic acid (PFPA)	<0.42 U	5.31	2.79	2.25	1.61 J	3.85	7.68	<0.26 U	0.83 J	-	
Perfluorohexanoic acid (PFHxA)	<0.75 U	3.05	6.07	2.06	2.52	5.36	9.32	<0.87 U	1.28 J	-	
Perfluoroheptanoic acid (PFHpA)	<0.42 U	0.88 J	2.62	1.31 J	1.97	2.42	3.22	0.41 J	0.66 J	-	
Perfluorooctanoic acid (PFOA)	<0.42 U	1.27 J	12.1	3.56	2.78	6.84	15.7	0.88 J	2.29	6.7	
Perfluorononanoic acid (PFNA)	<0.42 U	<0.46 U	0.56 J	0.79 J	0.76 J	0.84 J	0.40 J	0.18 J	0.43 J	-	
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	0.66 J	<0.46 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.36 U	<0.35 U	<0.35 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.36 U	<0.35 U	<0.35 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.36 U	<0.35 U	<0.35 U	-	
Perfluorobutanesulfonic acid (PFBS)	0.54 J	0.71 J	1.87 J	0.97 J	<0.46 U	0.92 J	1.12 J	<0.26 U	0.73 J	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.42 U	<0.46 U	2.56	0.87 J	0.58 J	2.03	5.40	0.26 J	0.50 J	-	
Perfluorohexanesulfonic acid (PFHxS)	1.00 J	3.57	23.1	17.1	6.56	21.0	62.3	2.89	6.43	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.46 U	0.53 J	0.96 J	<0.46 U	0.65 J	2.49	<0.26 U	<0.26 U	-	
Perfluorooctanesulfonic acid (PFOS)	1.46 J I	1.93	12.9	20.6	5.22	7.81	6.94	1.69 J I	2.82	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.27 U F1	<0.26 U F1	<0.26 U F1	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.46 U	<0.47 U	0.47 J	<0.46 U	<0.46 U	<0.45 U	<0.43 U	<0.43 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.51 U	<3.84 U	<3.97 U	<3.83 U	<3.86 U	<3.83 U	<0.45 U	<0.43 U	<0.43 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.84 U	<0.91 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U	<0.54 U	<0.52 U	<0.52 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.58 U	0.64 J	2.06	<0.64 U	<0.64 U	1.00 J	1.38 J	0.31 J	0.46 J	-	
NMeFOSA	<0.84 U	<0.91 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U	<0.63 U	<0.61 U	<0.61 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.84 U	<0.91 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U	<0.36 U	<0.35 U	<0.35 U	-	
NMeFOSAA	<0.50 U	<0.55 U	<0.57 U	<0.55 U	<0.55 U	<0.55 U	<0.36 U	<0.35 U	<0.35 U	-	
NEtFOSAA	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.45 U	<0.43 U	<0.43 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.84 U	<0.91 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U	<0.36 U	<0.35 U	<0.35 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.84 U	<0.91 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U	<0.36 U	<0.35 U	<0.35 U	-	
HFPO-DA	<0.84 U	<0.91 U F2	<0.94 U F2	<0.91 U F2	<0.92 U F2	<0.91 U F2	<0.36 U	<0.35 U	<0.35 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.45 U	<0.43 U	<0.43 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.27 U	<0.26 U	<0.26 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.27 U	<0.26 U	<0.26 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.45 U	<0.43 U	<0.43 U	-	
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.46 U	<0.45 U F1	<0.43 U F1	<0.43 U F1	-	
PFEESA	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.27 U	<0.26 U	<0.26 U	-	
3:3 FTCA	<0.25 U	<0.27 U	<0.28 U	<0.27 U	<0.28 U	<0.27 U	<0.45 U	<0.43 U	<0.43 U	-	
5:3 FTCA	<0.17 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.45 U	<0.43 U	<0.43 U	-	
7:3 FTCA	<0.25 U *- F1	<0.27 U *- F1	<0.28 U *- F1	<0.27 U *- F1	<0.28 U *- F1	<0.27 U *- F1	<0.98 U	<0.95 U	<0.95 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

460-273766 (P17 & P17A)

Red boxed vlaues exceed USEPA proposed HBWC

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2: MS/MSD RPD exceeds control limits

TABLE 2.2.4.2 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
AIR FIELD LOCATIONS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P18						P20							NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	P209 (Duplicate) 25-30	35-40	45-50	55-60		
Sample Date	1/6/2023						2/3/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter (ng/L)															
Perfluorobutanoic acid (PFBA)	<1.74 U	<1.68 U	<1.76 U	<1.76 U	<1.72 U	<1.67 U	<1.66 U	<1.67 U	<1.72 U	<1.71 U	<1.71 U	<1.66 U	<1.90 U	-	
Perfluoropentanoic acid (PFPA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorohexanoic acid (PFHxA)	<0.78 U	<0.75 U	<0.79 U	<0.79 U	<0.77 U	<0.75 U	<0.75 U	<0.75 U	<0.78 U	<0.77 U	<0.77 U	<0.75 U	<0.86 U	-	
Perfluoroheptanoic acid (PFHpA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorooctanoic acid (PFOA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	1.53 J	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	6.7	
Perfluorononanoic acid (PFNA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorodecanoic acid (PFDA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorododecanoic acid (PFDoA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorohexanesulfonic acid (PFHxS)	<0.44 U	<0.42 U	0.57 J	<0.44 U	<0.43 U	0.50 J	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.44 U	<0.42 U *- *1	<0.44 U *- *1	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.66 U	<3.52 U	<3.69 U	<3.69 U	<3.60 U	<3.51 U	<3.49 U	<3.50 U	<3.62 U	<3.59 U	<3.60 U	<3.49 U	<3.99 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.61 U	<0.59 U	<0.61 U	<0.62 U	<0.60 U	<0.59 U	<0.58 U	<0.58 U	<0.60 U	<0.60 U	<0.60 U	<0.58 U	<0.67 U	-	
NMeFOSA	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
NMeFOSAA	<0.52 U	<0.50 U	<0.53 U	<0.53 U	<0.51 U	<0.50 U	<0.50 U	<0.50 U	<0.52 U	<0.51 U	<0.51 U	<0.50 U	<0.57 U	-	
NEtFOSAA	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
HFPO-DA	<0.87 U	<0.84 U	<0.88 U	<0.88 U	<0.86 U	<0.84 U	<0.83 U	<0.83 U	<0.86 U	<0.86 U	<0.86 U	<0.83 U	<0.95 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.19 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.19 U	-	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.19 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.44 U	<0.42 U	<0.44 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.43 U	<0.43 U	<0.43 U	<0.42 U	<0.48 U	-	
PFEESA	<0.17 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.19 U	-	
3:3 FTCA	<0.26 U	<0.25 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.29 U	-	
5:3 FTCA	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.18 UJ	<0.18 UJ	<0.18 UJ	<0.18 UJ	<0.18 UJ	<0.18 UJ	<0.19 U	-	
7:3 FTCA	<0.26 U	<0.25 U *-	<0.26 U *-	<0.26 U	<0.26 U	<0.25 U	<0.25 U *-	<0.25 U *-	<0.26 U *-	<0.26 U *-	<0.26 U *-	<0.25 U *-	<0.29 U *-	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

*1: LCS/LCSD RPD exceeds control limits.

F1: MS and/or MSD recovery exceeds control limits

TABLE 2.2.4.2 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
AIR FIELD LOCATIONS
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P41						P42							NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	P442 (Duplicate) 25-30	35-40	45-50	55-60		
Sample Date	3/9/2023						3/8/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter (ng/L)															
Perfluorobutanoic acid (PFBA)	<1.88 U	<1.89 U	<1.87 U	3.14 J	<1.88 U	<1.90 U	<1.74 U	<1.64 U	<1.91 U	<1.64 U	<1.67 U	<1.67 U	<1.75 U	-	
Perfluoropentanoic acid (PFPA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	0.68 J	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorohexanoic acid (PFHxA)	<0.85 U	<0.85 U	<0.84 U	<0.86 U	<0.85 U	<0.86 U	<0.78 U	<0.74 U	<0.86 U	<0.74 U	<0.75 U	<0.75 U	<0.79 U	-	
Perfluoroheptanoic acid (PFHpA)	<0.47 U	<0.47 U	1.26 J	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorooctanoic acid (PFOA)	<0.539 U J B	<0.539 U J B	2.28 B	5.79 B	<0.47 U	<0.48 U	0.52 J	0.53 J	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	6.7	
Perfluorononanoic acid (PFNA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorodecanoic acid (PFDA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorododecanoic acid (PFDoA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorohexanesulfonic acid (PFHxS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorooctanesulfonic acid (PFOS)	1.98 B	<1.827 U J B	<1.827 U J B	<1.827 U J B	<0.94 U	<0.95 U	5.35 I	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.95 U	<3.97 U	<3.94 U	<4.00 U	<3.95 U	<4.00 U	<3.65 U	<3.44 U	<4.01 U	<3.45 U	<3.50 U	<3.50 U	<3.67 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
Perfluorooctanesulfonamide (FOSA)	<1.559 U J B	<1.559 U J B	<1.559 U J B	<1.559 U J B	<0.66 U	<0.67 U	0.93 J	1.51 J	<0.67 U	1.57 J	0.91 J	1.45 J	<0.61 U	-	
NMeFOSA	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
NMeFOSAA	<0.56 U	<0.57 U	<0.56 U	<0.57 U	<0.56 U	<0.57 U	<0.52 U	<0.49 U	<0.57 U	<0.49 U	<0.50 U	<0.50 U	<0.52 U	-	
NEtFOSAA	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
HFPO-DA	<0.94 U	<0.94 U	<0.94 U	<0.95 U	<0.94 U	<0.95 U	<0.87 U	<0.82 U	<0.95 U	<0.82 U	<0.83 U	<0.83 U	<0.87 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.17 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.17 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.17 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.47 U	<0.47 U	<0.47 U	<0.48 U	<0.47 U	<0.48 U	<0.43 U	<0.41 U	<0.48 U	<0.41 U	<0.42 U	<0.42 U	<0.44 U	-	
PFEESA	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.17 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
3:3 FTCA	<0.28 U	<0.28 U	<0.28 U	<0.29 U	<0.28 U	<0.29 U	<0.26 U	<0.25 U	<0.29 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	-	
5:3 FTCA	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.17 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
7:3 FTCA	<0.28 U *- F1	<0.28 U *- F1	<0.28 U *- F1	<0.29 U *- F1	<0.28 U *- F1	<0.29 U *- F1	<0.26 U *-	<0.25 U	<0.29 U *- F1	<0.25 U *-	<0.25 U *-	<0.25 U *-	<0.26 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B : Analyte was also detected in an associated blank sample.

U : Indicates the analyte was analyzed for but not detected.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

*1: LCS/LCSD RPD exceeds control limits.

F1: MS and/or MSD recovery exceeds control limits

I: Value is EMPC (estimated maximum possible concentration)

TABLE 2.2.4.3
GROUNDWATER CHEMICAL ANALYTICAL DATA
WELL WPFC-4 - WATER TABLE INTERVAL
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250

Sample ID	WPFC-4	NYSDEC Guidance Values
Sample Date	1/20/2023	
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter		
Perfluorobutanoic acid (PFBA)	<1.72 U	-
Perfluoropentanoic acid (PFPA)	<0.43 U	-
Perfluorohexanoic acid (PFHxA)	1.46 J	-
Perfluoroheptanoic acid (PFHpA)	0.45 J	-
Perfluorooctanoic acid (PFOA)	<0.43 U	6.7
Perfluorononanoic acid (PFNA)	<0.43 U	-
Perfluorodecanoic acid (PFDA)	<0.43 U	-
Perfluoroundecanoic acid (PFUnA)	<0.43 U	-
Perfluorododecanoic acid (PFDoA)	<0.43 U	-
Perfluorotridecanoic acid (PFTriA)	<0.43 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.43 U	-
Perfluorobutanesulfonic acid (PFBS)	<0.43 U	-
Perfluoropentanesulfonic acid (PFPeS)	<0.43 U	-
Perfluorohexanesulfonic acid (PFHxS)	<0.43 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.43 U	-
Perfluorooctanesulfonic acid (PFOS)	<0.86 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.43 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.43 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.43 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.43 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	15.9	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.86 U	-
Perfluorooctanesulfonamide (FOSA)	<0.60 U	-
NMeFOSA	<0.86 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.86 U	-
NMeFOSAA	<0.52 U	-
NEtFOSAA	<0.43 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.86 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NEtFOSE)	<0.86 U	-
HFPO-DA	<0.86 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.43 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.43 U	-
PFEESA	<0.17 U	-
3:3 FTCA	<0.26 U	-
5:3 FTCA	0.31 J I	-
7:3 FTCA	<0.26 U	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*1: LCS/LCSD RPD exceeds control limits.

TABLE 2.2.6.1
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-37				B-38				B-39		EH-19A				NYSDEC Guidance Values																	
	Sample Depth Below Grade (feet)		0 - 0.5	1 - 2	8 - 10	20 - 30	0 - 0.5	1 - 2	8 - 10	20 - 30	0 - 0.5	1 - 2	0 - 0.5	1 - 2	8 - 10	20 - 30	Unrestricted Use	Protection of Groundwater														
Sample Date	9/22/2021		10/26/2022		9/22/2021		10/26/2022		9/22/2021		9/22/2021																					
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram																																
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.60	U	1.08	J	<0.051	U	<0.05	U	<0.65	U	0.83	J	0.27		1.28		<0.61	U	<0.60	U	<0.60	U	<0.61	U	<0.63	U	<0.64	U	-	-		
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	101	D	61.7		<0.018	U	<0.017	U	<0.65	U	0.71	J	2.57		0.092	J	<0.61	U	<0.60	U	<0.60	U	<0.61	U	<0.63	U	<0.64	U	-	-		
NetFOSAA	<0.20	U	<0.21	U	<0.023	U	<0.023	U	<0.22	U	<0.20	U	<0.023	U	<0.023	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
NMeFOSAA	<0.20	U	<0.21	U	<0.032	U	<0.032	U	<0.22	U	<0.20	U	<0.032	U	<0.032	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorobutanesulfonic acid (PFBS)	<0.40	U	<0.42	U	<0.38	U	<0.37	U	<0.43	U	<0.40	U	<0.38	U	<0.37	U	<0.41	U	<0.40	U	<0.40	U	<0.41	U	<0.42	U	<0.43	U	-	-		
Perfluorobutanoic acid (PFBA)	<0.80	U	<0.84	U	0.033	J	<0.025	U	<0.86	U	<0.79	U	0.028	J	0.027	J	<0.82	U	<0.80	U	<0.80	U	<0.82	U	<0.84	U	<0.86	U	-	-		
Perfluorodecanesulfonic acid (PFDS)	<0.20	U	<0.21	U	<0.022	U	<0.022	U	<0.22	U	<0.20	U	<0.022	U	<0.022	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorodecanoic acid (PFDA)	5.84		4.84		<0.025	U	<0.025	U	<0.22	U	1.27		0.29		0.030	J	<0.20	U	<0.20	U	0.52	J	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorododecanoic acid (PFDoDA)	<0.20	U	<0.21	U	<0.024	U	<0.024	U	<0.22	U	<0.20	U	<0.024	U	<0.024	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluoroheptanesulfonic acid (PFHpS)	<0.20	U	0.36	J	<0.021	U	<0.021	U	<0.22	U	<0.20	U	0.056	J	<0.021	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluoroheptanoic acid (PFHpA)	0.57	J	0.75		0.18	J	0.25		0.35	J	1.42		0.30		0.26		0.26	J	0.46	J	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorohexanesulfonic acid (PFHxS)	<0.20	U	0.34	J	0.12	J	0.15	J	0.41	J	0.53	J	0.10	J	3.22		0.27	J	0.42	J	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorohexanoic acid (PFHxA)	0.29	J	0.40	J	0.053	J	0.046	J	<0.22	U	0.49	J	0.075	J	0.21		<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorononanoic acid (PFNA)	1.28		3.16		0.39		<0.024	U	1.30		4.81		1.19		0.12	J	1.37		<0.20	U	<0.20	U	0.22	J	<0.20	U	<0.21	U	<0.21	U	-	-
Perfluorooctanesulfonamide (FOSA)	0.27	J	<0.21	U	<0.022	U	<0.022	U	<0.22	U	<0.20	U	<0.022	U	<0.022	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorooctanesulfonic acid (PFOS)	105		76.9		0.21		<0.036	U	17.9		20.4		8.84	F1	0.72		22.5		1.38		1.58		<0.20	U	<0.20	U	<0.21	U	<0.21	U	0.88	1.0
Perfluorooctanoic acid (PFOA)	0.86		1.42		0.53		0.59		0.31	J	3.17		0.38		0.41		1.15		0.83		<0.20	U	0.27	J	0.22	J	<0.21	U	0.66	0.8		
Perfluoropentanoic acid (PFPeA)	0.40	J	0.48	J	0.073	J	0.035	J	<0.22	U	0.68		0.077	J	0.098	J	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorotetradecanoic acid (PFTeDA)	<0.20	U	<0.21	U	<0.025	U	<0.025	U	<0.22	U	<0.20	U	<0.025	U	<0.025	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluorotridecanoic acid (PFTTrDA)	<0.20	U	<0.21	U	<0.022	U	<0.022	U	<0.22	U	<0.20	U	<0.022	U	<0.022	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluoroundecanoic acid (PFUnDA)	1.77	I	0.82		<0.059	U	<0.058	U	0.5	J	<0.20	U	<0.058	U	<0.058	U	<0.20	U	<0.20	U	<0.20	U	<0.20	U	<0.21	U	<0.21	U	-	-		
Perfluoropentanesulfonic acid (PFPeS)	NA		NA		<0.023	U	<0.023	U	NA		NA		<0.023	U	0.17		NA		NA		NA		NA		NA		NA		NA	-	-	
Perfluorononanesulfonic acid (PFNS)	NA		NA		<0.023	U	<0.023	U	NA		NA		<0.023	U	<0.023	U	NA		NA		NA		NA		NA		NA		NA	-	-	
Perfluorododecanesulfonic acid (PFDoS)	NA		NA		<0.021	U	<0.021	U	NA		NA		<0.021	U	<0.021	U	NA		NA		NA		NA		NA		NA		NA	-	-	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NA		NA		<0.018	U	<0.017	U	NA		NA		<0.018	U	<0.018	U	NA		NA		NA		NA		NA		NA		NA	-	-	
NMeFOSA	NA		NA		<0.032	U	<0.032	U	NA		NA		<0.032	U	<0.032	U	NA		NA		NA		NA		NA		NA		NA	-	-	
N-ethylperfluorooctane sulfonamide (NetFOSA)	NA		NA		<0.026	U	<0.026	U	NA		NA		<0.026	U	<0.026	U	NA		NA		NA		NA		NA		NA		NA	-	-	
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NA		NA		<0.024	U	<0.024	U	NA		NA		<0.024	U	<0.024	U	NA		NA		NA		NA		NA		NA		NA	-	-	
N-ethylperfluorooctane sulfonamidoethanol (NetFOSE)	NA		NA		<0.021	U	<0.021	U	NA		NA		<0.021	U	<0.021	U	NA		NA		NA		NA		NA		NA		NA	-	-	
HFPO-DA	NA		NA		<0.21	U	<0.21	U	NA		NA		<0.21	U	<0.21	U	NA		NA		NA		NA		NA		NA		NA	-	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA		NA		<0.023	U	<0.023	U	NA		NA		<0.023	U	<0.023	U	NA		NA		NA		NA		NA		NA		NA	-	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA		NA		<0.024	U	<0.024	U	NA		NA		<0.024	U	<0.024	U	NA		NA		NA		NA		NA		NA		NA	-	-	
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA		NA		<0.023	U	<0.023	U	NA		NA		<0.023	U	<0.023	U	NA		NA		NA		NA		NA		NA		NA	-	-	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA		NA		<0.025	U	<0.025	U	NA		NA		<0.025	U	<0.025	U	NA		NA		NA		NA		NA		NA		NA	-	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	NA		NA		<0.025	U	<0.025	U	NA		NA		<0.025	U	<0.025	U	NA		NA		NA		NA		NA		NA		NA	-	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NA		NA		<0.023	U	<0.023	U	NA		NA		<0.023	U	<0.023	U	NA		NA		NA		NA		NA		NA		NA	-	-	
PFEESA	NA		NA		<0.021	U	<0.021	U	NA		NA		<0.021	U	<0.021	U	NA		NA		NA		NA		NA		NA		NA	-	-	
3:3 FTCA	NA		NA		<0.021	U *	<0.021	U *	NA		NA		<0.021	U F2 F1 *	<0.021	U *	NA		NA		NA		NA		NA		NA		NA	-	-	
5:3 FTCA	NA		NA		<0.02	U *	<0.02	U *	NA		NA		0.024	J F2 F1 *	<0.02	U *	NA		NA		NA		NA		NA		NA		NA	-	-	
7:3 FTCA	NA		NA		<0.017	U *	<0.016	U *	NA		NA		0.019	J F2 F1 *	<0.016	U *	NA		NA		NA		NA		NA		NA		NA	-	-	

Notes:
BOLD GRAY-shaded values exceed NYSDEC Guidance Value for unrestricted use.
BOLD Yellow-shaded values exceed NYSDEC Guidance Value for protection of groundwater.
- No NYSDEC Guidance Value established
I: Value is estimated maximum possible concentration
J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

F1 : MS and/or MSD recovery exceeds control limits.
F2 : MS/MSD RPD exceeds control limits
U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-68		B-69		B-70		B-71		B-72		NYSDEC Guidance Values	
	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	Unrestricted Use	Protection of Groundwater
Sample Depth Below Grade (feet)	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2		
Sample Date	10/25/2022											
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram												
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.056 U	<0.054 U	<0.055 U	<0.054 U	<0.057 U	<0.053 U	0.18 J	0.071 J	0.58 *5+	0.095 J	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.82 *5+	0.062 J	0.14 J*5+	<0.019 U	0.66 *5+	0.078 J	1.10 *5+	0.097 J	3.68 *5+	0.41	-	-
NetFOSAA	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.026 U	0.024 U	<0.025 U	<0.024 U	-	-
NMeFOSAA	<0.035 U	<0.034 U	<0.035 U	<0.034 U	<0.036 U	<0.033 U	<0.037 U	<0.033 U	<0.036 U	<0.034 U	-	-
Perfluorobutanesulfonic acid (PFBS)	<0.41 U	<0.41 U	<0.41 U	<0.40 U	<0.42 U	<0.39 U	<0.43 U	<0.39 U	<0.42 U	<0.39 U	-	-
Perfluorobutanoic acid (PFBA)	0.13 J	0.14 J	0.21 J	0.15 J	0.14 J	0.069 J	0.39	0.22	0.79	0.26	-	-
Perfluorodecanesulfonic acid (PFDS)	0.040 J	<0.023 U	<0.024 U	<0.023 U	0.037 J	<0.023 U	0.083 J	<0.023 U	0.097 J	<0.023 U	-	-
Perfluorodecanoic acid (PFDA)	1.21	0.27	1.13	0.11 J	2.98	0.74	2.14	0.46	6.96	1.17	-	-
Perfluorododecanoic acid (PFDoA)	0.43	0.031 J	0.14 J	<0.025 U	0.55	0.050 J	0.54	0.037 J	1.22	0.12 J	-	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.023 U	0.022 U	<0.023 U	0.035 J	<0.023 U	<0.022 U	0.11 J	0.19 J	0.10 J	0.048 J	-	-
Perfluoroheptanoic acid (PFHpA)	0.32	0.29	0.25	0.19 J	0.24	0.14 J	1.21	0.59	1.81	0.92	-	-
Perfluorohexanesulfonic acid (PFHxS)	0.095 J	0.039 J	0.087 J	0.10 J	0.10 J	0.050 J	0.75	0.27	1.12	0.82	-	-
Perfluorohexanoic acid (PFHxA)	0.21 J	0.14 J	0.28	0.21 J	0.12 J	0.095 J	0.85	0.34	2.27	0.76	-	-
Perfluorononanoic acid (PFNA)	0.80	0.58	1.31	1.29	1.14	1.57	3.92	2.78	5.03	4.44	-	-
Perfluorooctanesulfonamide (FOSA)	<0.024 U	<0.023 U	<0.024 U	<0.023 U	0.036 J	<0.023 U	0.091 J	<0.023 U	0.043 J	<0.023 U	-	-
Perfluorooctanesulfonic acid (PFOS)	1.30	0.60	3.28	2.38 F1	2.41 F1	10.6 F1	36.8 D	18.7	16.1	4.00	0.88	1.0
Perfluorooctanoic acid (PFOA)	0.68	0.64	0.83	0.84	0.84	0.51	1.71	1.11	5.74	2.80	0.66	0.8
Perfluoropentanoic acid (PFPA)	0.22 J	0.18 J	0.40	0.21 J	0.19 J	0.091 J	1.18	0.57	2.19	0.67	-	-
Perfluorotetradecanoic acid (PFTeA)	0.12 J	<0.026 U	0.054 J	<0.026 U	0.090 J	<0.026 U	0.14 J	<0.026 U	0.37	0.036 J	-	-
Perfluorotridecanoic acid (PFTriA)	0.41	0.036 J	0.11 J	<0.023 U *-	0.49 *-	0.052 J *-	0.59 *-	0.046 J *-	1.38 *-	0.11 J*-	-	-
Perfluoroundecanoic acid (PFUnA)	1.90	0.11 J	0.73	<0.061 U	3.56	0.21 J	2.50	0.16 J	5.85	0.49	-	-
Perfluoropentanesulfonic acid (PFPeS)	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.024 U	0.051 J	<0.024 U	0.13	0.051 J	-	-
Perfluorononanesulfonic acid (PFNS)	<0.025 U	<0.024 U	<0.025 U	<0.024 U	0.078	<0.024 U	0.077	0.074 I	0.080	<0.024 U	-	-
Perfluorododecanesulfonic acid (PFDoS)	<0.023 U	<0.022 U	<0.023 U	<0.022 U *-	<0.023 U *-	<0.022 U*-	0.031 J*-	<0.022 U *-	0.093 *-	0.022 J*-	-	-
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.020 U	<0.018 U	<0.020 U	<0.018 U	<0.020 U	<0.019 U	-	-
NMeFOSA	<0.035 U	<0.034 U	<0.035 U	<0.034 U	<0.036 U	<0.033 U	<0.037 U	<0.033 U	<0.036 U	<0.034 U	-	-
N-ethylperfluorooctane sulfonamide (NetFOSA)	<0.028 U	<0.027 U	<0.028 U	<0.027 U	<0.029 U	<0.027 U	<0.030 U	<0.027 U	<0.029 U	<0.027 U	-	-
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.026 U	<0.025 U	<0.026 U	<0.025 U	<0.027 U	<0.025 U	<0.027 U	<0.025 U	<0.027 U	<0.025 U	-	-
N-ethylperfluorooctane sulfonamidoethanol (NetFOSE)	<0.023 U	<0.022 U	<0.023 U	<0.022 U	<0.023 U	<0.022 U	<0.024 U	<0.022 U	<0.023 U	<0.022 U	-	-
HFPO-DA	<0.23 U	<0.22 U	<0.23 U	<0.22 U	<0.23 U	<0.22 U	<0.24 U	<0.22 U	<0.23 U	<0.22 U	-	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.026 U	<0.024 U	<0.025 U	<0.024 U	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.026 U	<0.025 U	<0.026 U	<0.025 U	<0.027 U	<0.025 U	<0.027 U	<0.025 U	<0.027 U	<0.025 U	-	-
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.026 U	<0.024 U	<0.025 U	<0.024 U	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.027 U	<0.026 U	<0.027 U	<0.026 U	<0.028 U	<0.026 U	<0.028 U	<0.026 U	<0.028 U	<0.026 U	-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.027 U	<0.026 U	<0.027 U	<0.026 U	<0.028 U	<0.026 U	<0.028 U	<0.026 U	<0.028 U	<0.026 U	-	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.024 U	<0.026 U	<0.024 U	<0.025 U	<0.024 U	-	-
PFEESA	<0.023 U	<0.022 U	<0.023 U	<0.022 U	<0.023 U	<0.022 U	<0.024 U	<0.022 U	<0.023 U	<0.022 U	-	-
3:3 FTCA	<0.023 U *-	<0.022 U *- F1 F2	<0.023 U *-	<0.022 U *- F1 F2	<0.023 U *- F1 F2	<0.022 U *- F1 F2	<0.024 U *- F1 F2	<0.022 U *- F1 F2	<0.023 U *- F1 F2	<0.022 U *- F1 F2	-	-
5:3 FTCA	<0.022 U *-	<0.021 U *- F1 F2	<0.021 U *-	<0.021 U *- F1 F2	<0.022 U *- F1 F2	<0.020 U *- F1 F2	0.026 J *- F1 F2	<0.020 U *- F1 F2	<0.022 U *- F1 F2	<0.021 U *- F1 F2	-	-
7:3 FTCA	0.019 J*-	<0.018 U *- F1	<0.018 U *-	<0.018 U *- F1 F2	0.023 J *- F1 F2	<0.017 U *- F1 F2	0.079 *- F1 F2	<0.017 U *- F1 F2	0.036 J *-F1 F2	<0.017 U *- F1 F2	-	-

Notes:

BOLD GRAY-shaded values exceed NYSDEC Guidance Value for unrestricted use.

BOLD Yellow-shaded values exceed NYSDEC Guidance Value for protection of groundwater.

- No NYSDEC Guidance Value established

I: Value is estimated maximum possible concentration

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

*- : LCS and/or LCSD is outside acceptance limits, low biased.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-73		B-74		B-75		B-76		B-769(B-76 Duplicate)		B-76		NYSDEC Guidance Values	
	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5		0 - 0.5		1 - 2		Unrestricted Use	Protection of Groundwater
Sample Date	10/25/2022												Unrestricted Use	Protection of Groundwater
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram														
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	0.40 ^{*5+}	0.30 ^{*5+}	0.18 ^{J *5+}	<0.053 U	<0.053 U	<0.051 U	1.01		1.05		1.54		-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	3.35 ^{*5+}	2.54 ^{*5+}	0.75 ^{*5+}	0.019 ^J	1.13	0.11 ^J	136 ^{D 4}		157 ^{D 4}		77.4 ^{D 4}		-	-
NEtFOSAA	<0.024 U	<0.024 U	<0.025 U	<0.024 U	<0.024 U	<0.023 U	0.096 ^J		0.12 ^J		<0.024 U		-	-
NMeFOSAA	<0.034 U	<0.034 U	<0.035 U	<0.034 U	<0.033 U	<0.032 U	0.045 ^J		0.051 ^J		<0.034 U		-	-
Perfluorobutanesulfonic acid (PFBS)	<0.40 U	<0.40 U	0.41 U	<0.39 U	<0.39 U	<0.38 U	0.63		0.60		<0.40 U		-	-
Perfluorobutanoic acid (PFBA)	0.88	0.54	0.21 ^J	0.22	0.059 ^J	<0.025 U	0.026 ^J		0.032 ^J		0.039 ^J		-	-
Perfluorodecanesulfonic acid (PFDS)	<0.023 U	<0.023 U	<0.024 U	<0.023 U	0.047 ^J	<0.022 U	0.24 ^{F1}		0.24 ^{F1}		0.049 ^{J F1}		-	-
Perfluorodecanoic acid (PFDA)	1.50	1.29	0.37	0.11 ^J	1.16	0.79	4.78		5.41		1.79		-	-
Perfluorododecanoic acid (PFDODA)	0.24	0.13 ^J	0.092 ^J	<0.025 U	0.39	<0.024 U	1.17		1.26		0.30		-	-
Perfluoroheptanesulfonic acid (PFHpS)	0.039 ^J	0.029 ^J	<0.023 U	<0.022 U	0.040 ^J	0.070 ^J	0.46		0.40		0.60		-	-
Perfluoroheptanoic acid (PFHpA)	0.78	0.59	0.22 ^J	0.29	0.23	0.43	0.12 ^J		0.11 ^J		0.090 ^J		-	-
Perfluorohexanesulfonic acid (PFHxS)	0.42	0.22	0.14 ^J	0.18 ^J	0.30	0.12 ^J	3.91 ^{F1 F2}		4.35 ^{F1 F2}		1.25 ^{F2 F1}		-	-
Perfluorohexanoic acid (PFHxA)	1.11	0.76	0.30	0.41	0.11 ^J	0.043 ^J	0.21		0.20 ^J		0.14 ^J		-	-
Perfluorononanoic acid (PFNA)	1.71	3.07	0.53	0.72	0.27	2.59	1.17		1.27		1.96		-	-
Perfluorooctanesulfonamide (FOSA)	0.031 ^J	0.030 ^J	<0.024 U	<0.023 U	0.025 ^J	<0.022 U	1.13		1.20		0.55		-	-
Perfluorooctanesulfonic acid (PFOS)	16.6	27.8 ^D	3.74	1.37	5.77	17.7	145 ^{D 4}		161 ^{D 4}		273 ^{D 4}		0.88	1.0
Perfluorooctanoic acid (PFOA)	4.79	2.79	0.60	0.76	0.28	0.58	0.28		0.34		0.66		0.66	0.8
Perfluoropentanoic acid (PFPeA)	1.62	1.11	0.53	0.35	0.18 ^J	0.044 ^J	0.046 ^J		0.040 ^J		0.093 ^J		-	-
Perfluorotetradecanoic acid (PFTeDA)	0.057 ^J	0.043 ^J	0.041 ^J	<0.026 U	0.086 ^J	<0.025 U	0.25		0.25		0.16 ^J		-	-
Perfluorotridecanoic acid (PFTTrDA)	0.17 ^{J *-}	0.12 ^J	0.086 ^J	<0.023 U	0.32	0.024 ^{J I}	2.38 ^{*-}		2.34 ^{*-}		0.90 ^{*-}		-	-
Perfluoroundecanoic acid (PFUnDA)	0.95	0.63	0.33	<0.061 U	1.40	0.067 ^J	9.22		9.95		2.13		-	-
Perfluoropentanesulfonic acid (PFPeS)	0.039 ^J	<0.024 U	<0.025 U	0.024 ^J	<0.024 U	<0.023 U	1.40 ^{F1}		1.30 ^{F1}		0.25 ^{F1}		-	-
Perfluorononanesulfonic acid (PFNS)	<0.024 U	<0.024 U	<0.025 U	<0.024 U	0.031 ^J	0.036 ^{J I}	1.88 ^{I F1}		2.08 ^{I F1}		1.17 ^{I F1}		-	-
Perfluorododecanesulfonic acid (PFDoS)	<0.022 U *-	<0.022 U	<0.023 U	<0.022 U	<0.022 U	<0.021 U	0.072 ^{*- *1 F1}		0.056 ^{J *- *1 F1}		0.032 ^{J *- F1 *1}		-	-
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.018 U	<0.018 U	<0.018 U		<0.018 U		<0.019 U		-	-
NMeFOSA	<0.034 U	<0.034 U	<0.035 U	<0.034 U	<0.033 U	<0.032 U	<0.033 U		<0.033 U		<0.034 U		-	-
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.028 U	<0.027 U	<0.029 U	<0.027 U	<0.027 U	<0.026 U	<0.027 U *- *1		<0.027 U *- *1		<0.027 U *- *1		-	-
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.026 U	<0.025 U	<0.026 U	<0.025 U	<0.025 U	<0.024 U	<0.025 U *- *1		<0.024 U *- *1		<0.025 U *- *1		-	-
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.022 U	<0.022 U	<0.023 U	<0.022 U	0.025 ^J	<0.021 U	<0.021 U		<0.021 U		<0.022 U		-	-
HFPO-DA	<0.22 U	<0.22 U	<0.23 U	<0.22 U	<0.22 U	<0.21 U	<0.21 U		<0.21 U		<0.22 U		-	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.024 U	<0.024 U	<0.025 U	<0.024 U	<0.024 U	<0.023 U	<0.023 U		<0.023 U		<0.024 U		-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.026 U	<0.025 U	<0.026 U	<0.025 U	<0.025 U	<0.024 U	<0.025 U		<0.024 U		<0.025 U		-	-
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.024 U	<0.024 U	<0.025 U	<0.024 U	<0.025 U	<0.023 U	<0.023 U		<0.023 U		<0.024 U		-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.027 U	<0.026 U	<0.027 U	<0.026 U	<0.026 U	<0.025 U	<0.026 U *-		<0.025 U *-		<0.026 U *-		-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.027 U	<0.026 U	<0.027 U	<0.026 U	<0.026 U	<0.025 U	<0.026 U F1		<0.025 U F1		<0.026 U F1		-	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.024 U	<0.024 U	<0.025 U	<0.024 U	<0.024 U	<0.023 U	<0.023 U F1		<0.023 U F1		<0.024 U F1		-	-
PFEESA	<0.022 U	<0.022 U	<0.022 U	<0.022 U	<0.022 U	<0.021 U	<0.021 U		<0.021 U		<0.022 U		-	-
3:3 FTCA	<0.022 U *- F1 F2	<0.022 U *- F1 F2	<0.023 U *- F1 F2	<0.022 U *- F1 F2	<0.022 U *-	<0.021 U *- F1 F2	<0.021 U *- *1 F1		<0.021 U *- *1 F1		<0.022 U *- F1 *1		-	-
5:3 FTCA	<0.021 U *- F1 F2	0.052 ^{J *- F1 F2}	<0.022 U *- F1 F2	<0.021 U *- F1 F2	<0.021 U *- F1 F2	<0.020 U *- F1 F2	<0.020 U *- *1 F1 F2		<0.020 U *- *1 F1 F2		<0.021 U F2 *- F1 *1		-	-
7:3 FTCA	0.18 ^{*- F1 F2}	0.11 ^{*- F1}	<0.018 U *- F1	<0.017 U *- F1	0.098 ^{*- F1}	<0.017 U *- F1	0.030 ^{J *- F1}		0.036 ^{J *- F1}		0.021 ^{J *- F1}		-	-

Notes:

BOLD GRAY-shaded values exceed NYSDEC Guidance Value for unrestricted use.

BOLD Yellow-shaded values exceed NYSDEC Guidance Value for protection of groundwater.

- No NYSDEC Guidance Value established

I: Value is estimated maximum possible concentration

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

D : Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

*- : LCS and/or LCSD is outside acceptance limits, low biased.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-37	B-38	NYSDEC Part 375 Soil Cleanup Objectives	
			Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021			
Volatile Organic Compounds in milligrams per kilogram				
1,1,1-Trichloroethane	<0.00028 U	<0.00027 U	0.68	0.68
1,1-Dichloroethane	<0.00024 U	<0.00024 U	0.27	0.27
1,1-Dichloroethene	<0.00027 U	<0.00026 U	0.33	0.33
1,2,4-Trimethylbenzene	<0.00029 U	<0.00029 U	3.6	3.6
1,2-Dichlorobenzene	<0.00043 U	<0.00042 U	1.1	1.1
1,2-Dichloroethane	<0.00035 U	<0.00035 U	0.02	0.02
1,3,5-Trimethylbenzene	<0.00037 U	<0.00037 U	8.4	8.4
1,3-Dichlorobenzene	<0.00043 U	<0.00043 U	2.4	2.4
1,4-Dichlorobenzene	<0.00027 U	<0.00026 U	1.8	1.8
2-Butanone (MEK)	<0.00044 U	<0.00043 U	0.12	0.12
Acetone	<0.0068 U	<0.0067 U	0.05	0.05
Benzene	<0.00031 U	<0.0003 U	0.06	0.06
Carbon tetrachloride	<0.00046 U	<0.00045 U	0.76	0.76
Chlorobenzene	<0.00021 U	<0.00021 U	1.1	1.1
Chloroform	<0.0011 U	<0.0011 U	0.37	0.37
cis-1,2-Dichloroethene	<0.00042 U	<0.00042 U	0.25	0.25
Ethylbenzene	<0.00024 U	<0.00023 U	12	1
Methyl tert-butyl ether	<0.00061 U	<0.0006 U	0.93	0.93
Methylene Chloride	<0.0014 U	<0.0013 U	0.05	0.05
n-Butylbenzene	<0.00035 U	<0.00034 U	12	12
N-Propylbenzene	<0.00021 U	<0.0002 U	3.9	3.9
sec-Butylbenzene	<0.00034 U	<0.00034 U	11	11
tert-Butylbenzene	<0.00033 U	<0.00032 U	5.9	5.9
Tetrachloroethene	<0.00036 U	<0.00036 U	1.3	1.3
Toluene	<0.00028 U	<0.00027 U	0.7	0.7
trans-1,2-Dichloroethene	<0.00029 U	<0.00029 U	0.19	0.19
Trichloroethene	<0.00038 U	<0.00038 U	0.47	0.47
Vinyl chloride	<0.00065 U	<0.00064 U	0.02	0.02
Xylenes, Total	<0.00076 U	<0.00075 U	0.26	1.6

Notes:

U : Indicates the analyte was analyzed for but not detected.

SGD: 460-243517-1

TABLE 2.2.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-37	B-38	NYSDEC Part 375 Soil Cleanup Objectives	
			Unrestricted Use	Protection of Groundwater
	Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5	
Sample Date	9/22/2021			
Semivolatile Organic Compounds in milligrams per kilogram				
1,4-Dioxane	<0.031 U	<0.031 U	0.1	0.1
2-Methylphenol	<0.013 U	<0.013 U	-	-
3 & 4 Methylphenol	<0.022 U	<0.022 U	-	-
Acenaphthene	<0.01 U	<0.01 U	20	98
Acenaphthylene	<0.0035 U	<0.0036 U	-	-
Anthracene	<0.011 U	<0.011 U	100	1,000
Benzo[a]anthracene	<0.012 U	<0.012 U	1	1
Benzo[a]pyrene	<0.0094 U	<0.0095 U	1	22
Benzo[b]fluoranthene	0.011 J	<0.0092 U	1	1.7
Benzo[g,h,i]perylene	<0.01 U	<0.011 U	100	1,000
Benzo[k]fluoranthene	<0.0069 U	<0.007 U	0.8	1.7
Chrysene	<0.006 U	<0.006 U	1	1
Dibenz(a,h)anthracene	<0.015 U	<0.015 U	0.33	1,000
Dibenzofuran	<0.005 U	<0.005 U	7	210
Fluoranthene	<0.012 U	<0.012 U	100	1,000
Fluorene	<0.0048 U	<0.0048 U	30	386
Hexachlorobenzene	<0.017 U	<0.017 U	-	3.2
Indeno[1,2,3-cd]pyrene	<0.014 U	<0.014 U	0.5	8.2
Naphthalene	<0.0061 U	<0.0062 U	12	12
Pentachlorophenol	<0.072 U	<0.073 U	0.8	0.8
Phenanthrene	<0.0062 U	<0.0063 U	100	1,000
Phenol	<0.013 U	<0.013 U	0.33	0.33
Pyrene	0.010 J	<0.0089 U	100	1,000

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

SGD: 460-243517-1

TABLE 2.2.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE -NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-37		B-38		NYSDEC Part 375 Soil Cleanup Objectives	
Sample Depth Below Grade (feet)	0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Dates	9/22/2021					
Metals in milligrams per kilogram						
Aluminum	5,820		6,230		-	-
Antimony	<0.15	U	<0.15	U	-	-
Arsenic	1.4		1.5		13	16
Barium	7.8		5.6		250	820
Beryllium	0.13	J	0.13	J	7.2	47
Cadmium	<0.11	U	<0.12	U	2.5	7.5
Calcium	9,310		133		-	-
Chromium	6.1		5.9		30	-
Cobalt	1.1	J	0.99	J	-	-
Copper	3.1		2.3		50	1,720
Iron	5,920		5,950		-	-
Lead	4.6		3.6		63	450
Magnesium	1,560		350		-	-
Manganese	36.5		22.3		1,600	2,000
Nickel	3.0		2.4		30	130
Potassium	148		99.7	J	-	-
Selenium	0.42	J	0.44	J	3.9	4
Silver	<0.09	U	<0.092	U	2	8.3
Sodium	<46.4	U	<47	U	-	-
Thallium	<0.042	U	<0.042	U	-	-
Vanadium	10.5		9.3		-	-
Zinc	6.9	J	4.8	J	109	2,480
Mercury	<0.0083	U	<0.0084	U	0.18	0.73
PCBs in milligrams per kilogram						
Aroclor 1016	<0.019	U	<0.019	U	-	-
Aroclor 1221	<0.019	U	<0.019	U	-	-
Aroclor 1232	<0.019	U	<0.019	U	-	-
Aroclor 1242	<0.019	U	<0.019	U	-	-
Aroclor 1248	<0.019	U	<0.019	U	-	-
Aroclor 1254	<0.019	U	<0.019	U	-	-
Aroclor 1260	<0.019	U	<0.019	U	-	-
Aroclor 1268	<0.019	U	<0.019	U	-	-
Aroclor-1262	<0.019	U	<0.019	U	-	-
Total PCBs	<0.019	U	<0.019	U	0.1	3.2

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

TABLE 2.1.6.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-37	B-38	NYSDEC Part 375 Soil Cleanup Objectives	
			Unrestricted Use	Protection of Groundwater
	Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5	
Sample Date	9/22/2021			
Pesticides in milligrams per kilogram				
4,4'-DDD	<0.0012 U	<0.0012 U	0.0033	14
4,4'-DDE	<0.00084 U	<0.00085 U	0.0033	17
4,4'-DDT	<0.0013 U	<0.0013 U	0.0033	136
Aldrin	<0.0011 U	<0.0011 U	0.005	0.19
alpha-BHC	<0.00073 U	<0.00073 U	0.02	0.02
beta-BHC	<0.0008 U	<0.00081 U	0.036	0.09
Chlordane (technical)	<0.017 U	<0.017 U	0.094	2.9
cis-Chlordane	<0.0011 U	<0.0011 U	-	-
delta-BHC	<0.00044 U	<0.00044 U	0.04	0.25
Dieldrin	<0.00093 U	<0.00094 U	0.005	0.1
Endosulfan I	<0.0011 U	<0.0011 U	2.4	102
Endosulfan II	<0.0018 U	<0.0019 U	2.4	102
Endosulfan sulfate	<0.0009 U	<0.00091 U	2.4	1,000
Endrin	<0.001 U	<0.001 U	0.014	0.06
Endrin aldehyde	<0.0017 U	<0.0017 U	-	-
Endrin ketone	<0.0014 U	<0.0014 U	-	-
gamma-BHC (Lindane)	<0.00066 U	<0.00067 U	0.1	0.1
Heptachlor	<0.00084 U	<0.00085 U	0.042	0.38
Heptachlor epoxide	<0.0011 U	<0.0011 U	-	-
Methoxychlor	<0.0016 U	<0.0017 U	-	-
Toxaphene	<0.026 U	<0.026 U	-	-
Herbicide in milligrams per kilogram				
Silvex (2,4,5-TP)	<0.0037 U	<0.0037 U	3.8	3.8

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

SGD: 460-243517-1

TABLE 2.2.6.2
LEACHING POOL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample Location	ARFF Station				NYSDEC Guidance Values		
Sample ID	LP - 1			LP - 2	Unrestricted Use	Protection of Groundwater	
Sample Depth Below Grade (feet)	16	18-25	25-28	10			
Sample Date	9/22/2021	10/26/2022		9/22/2021			
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram							
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.61 U	2.89	*5+	0.079 J	<0.62 U	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	4.09	6.17	*5+	4.73	<0.62 U	-	-
NEtFOSAA	<0.20 U	0.030 J		0.034 J	<0.21 U	-	-
NMeFOSAA	<0.20 U	<0.034 U		<0.033 U	<0.21 U	-	-
Perfluorobutanesulfonic acid (PFBS)	<0.41 U	0.51		<0.39 U	<0.41 U	-	-
Perfluorobutanoic acid (PFBA)	<0.81 U	0.036 J		<0.026 U	<0.83 U	-	-
Perfluorodecanesulfonic acid (PFDS)	0.26 J	0.32		0.035 J	<0.21 U	-	-
Perfluorodecanoic acid (PFDA)	0.48 J	0.26		0.90	<0.21 U	-	-
Perfluorododecanoic acid (PFDoDA)	7.23	8.13		0.39	<0.21 U	-	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.20 U	0.53		<0.022 U	<0.21 U	-	-
Perfluoroheptanoic acid (PFHpA)	<0.20 U	0.32		0.051 J	<0.21 U	-	-
Perfluorohexanesulfonic acid (PFHxS)	<0.20 U	5.40		0.072 J	<0.21 U	-	-
Perfluorohexanoic acid (PFHxA)	<0.20 U	0.48		0.028 J	<0.21 U	-	-
Perfluorononanoic acid (PFNA)	<0.20 U	1.31		0.036 J	<0.21 U	-	-
Perfluorooctanesulfonamide (FOSA)	0.41 J	0.25		0.28	<0.21 U	-	-
Perfluorooctanesulfonic acid (PFOS)	2.36	27.6	D	1.28	<0.21 U	0.88	1.0
Perfluorooctanoic acid (PFOA)	<0.20 U	1.18		0.051 J	<0.21 U	0.66	0.8
Perfluoropentanoic acid (PFPeA)	<0.20 U	0.077 J		<0.026 U	<0.21 U	-	-
Perfluorotetradecanoic acid (PFTeDA)	0.96	1.67		0.091 J	<0.21 U	-	-
Perfluorotridecanoic acid (PFTrDA)	2.86	6.18		0.27	<0.21 U	-	-
Perfluoroundecanoic acid (PFUnDA)	3.62	2.82		3.14	<0.21 U	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	0.86		<0.024 U	NA	-	-
Perfluorononanesulfonic acid (PFNS)	NA	0.042 J		0.042 J	NA	-	-
Perfluorododecanesulfonic acid (PFDoS)	NA	0.60		<0.022 U	NA	-	-
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NA	<0.018 U	*5+	<0.018 U	NA	-	-
NMeFOSA	NA	<0.034 U		<0.033 U	NA	-	-
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NA	<0.027 U		<0.027 U	NA	-	-
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NA	<0.025 U		<0.025 U	NA	-	-
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NA	<0.022 U		<0.022 U	NA	-	-
HFPO-DA	NA	<0.22 U		<0.22 U	NA	-	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA	<0.024 U		<0.024 U	NA	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	<0.025 U		<0.025 U	NA	-	-
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA	<0.024 U		<0.024 U	NA	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	<0.026 U		<0.026 U	NA	-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	NA	<0.026 U		<0.026 U	NA	-	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NA	<0.024 U		<0.024 U	NA	-	-
PFEESA	NA	<0.022 U		<0.022 U	NA	-	-
3:3 FTCA	NA	<0.022 U	*- F1	<0.022 U	NA	-	-
5:3 FTCA	NA	<0.021 U	*- F1	<0.020 U	NA	-	-
7:3 FTCA	NA	<0.13	*- F1	<0.088	NA	-	-

Notes:

BOLD GRAY shaded values exceed NYSDEC Guidance Value for unrestricted use.**BOLD YELLOW shaded values** exceed NYSDEC Guidance Value for protection of groundwater.

-: No NYSDEC Guidance Value established.

J: Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

D: Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

U: Indicates the analyte was analyzed for but not detected.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

F1: MS and/or MSD recovery exceeds control limits.

*5+: Isotope dilution analyte is outside acceptance limits, high biased.

TABLE 2.2.6.2 (Continued)
LEACHING POOL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250

Sample Location	ARFF			NYSDEC PART 375.6 Soil Cleanup Objectives		SCDHS Action Levels
Sample ID	LP - 1	LP - 2	Unrestricted Use	Protection of Groundwater		
Sample Depth Below Grade (feet)	10	10				
Sample Date	9/22/2021					
SCDHS Semivolatile Organic Compounds in milligrams per kilogram						
Acenaphthene	<0.01 U	<0.0099 U	20	98	200	
Anthracene	<0.011 U	<0.011 U	100	1,000	200	
Benzo[a]anthracene	<0.012 U	<0.012 U	1	1	2	
Benzo[a]pyrene	<0.0093 U	<0.0092 U	1	22	400	
Benzo[b]fluoranthene	<0.0091 U	<0.0090 U	1	2	3.4	
Benzo[g,h,i]perylene	<0.010 U	<0.010 U	100	1,000	200	
Benzo[k]fluoranthene	<0.0069 U	<0.0068 U	1	2	3.4	
Chrysene	<0.0059 U	<0.0058 U	1	1	2	
Dibenz(a,h)anthracene	<0.015 U	<0.015 U	0.33	1,000	200	
Fluoranthene	<0.012 U	<0.012 U	100	1,000	200	
Fluorene	<0.0048 U	<0.0047 U	30	386	200	
Hexachloroethane	<0.012 U	<0.012 U	-	-	22	
Indeno[1,2,3-cd]pyrene	<0.014 U	<0.014 U	0.5	8	16	
n-Decane	<0.019 U	<0.019 U	-	-	200	
Phenanthrene	<0.0062 U	<0.0061 U	100	1,000	200	
Pyrene	<0.0087 U	<0.0086 U	100	1,000	200	
SCDHS Metals in milligrams per kilogram						
Arsenic	0.56 J	0.49 J	13	16	30	
Barium	1.6 J	2.0	250	820	4,000	
Beryllium	<0.055 U	<0.057 U	7.2	47	240	
Cadmium	<0.11 U	<0.11 U	2.5	7.5	40	
Chromium	1.6 J	2.7	30	19	100	
Copper	1.4 J	1.9 J	50	1,720	8,500	
Lead	1.2	1.1	63	450	2,000	
Mercury	<0.0077 U	<0.0078 U	0.18	0.73	3.7	
Nickel	0.67 J	1.0 J	30	130	650	
Silver	<0.086 U	<0.089 U	2	8.3	50	

Notes:

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit; the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

- No NYSDEC Soil Cleanup Objective established.

TABLE 2.2.6.2 (Continued)
LEACHING POOL CHEMICAL ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample Location	ARFF		NYSDEC PART 375.6 Soil Cleanup Objectives		SCDHS Action Levels	
Sample ID	LP - 1	LP - 2	Unrestricted Use	Protection of Groundwater		
Sample Depth Below Grade (feet)	10	10				
Sample Dates	9/22/2021	9/22/2021				
SCDHS Volatile Organic Compounds in milligrams per kilogram						
1,1,1,2-Tetrachloroethane	<0.00054 U	<0.00049 U	-	-	0.6	
1,1,1-Trichloroethane	<0.00066 U	<0.00061 U	0.68	0.68	1.4	
1,1,2,2-Tetrachloroethane	<0.00061 U	<0.00056 U	-	-	0.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.00086 U	<0.00078 U	-	-	12	
1,1,2-Trichloroethane	<0.00051 U	<0.00046 U	-	-	0.2	
1,1-Dichloroethane	<0.00059 U	<0.00054 U	0.27	0.27	0.6	
1,1-Dichloroethene	<0.00064 U	<0.00059 U	0.33	0.33	0.6	
1,1-Dichloropropene	<0.00042 U	<0.00039 U	-	-	0.2	
1,2,3-Trichlorobenzene	<0.00052 U	<0.00047 U	-	-	17	
1,2,3-Trichloropropane	<0.00074 U	<0.00068 U	-	-	0.1	
1,2,4,5-Tetramethylbenzene	<0.00094 U	<0.00086 U	-	-	18	
1,2,4-Trichlorobenzene	<0.001 U	<0.00093 U	-	-	17	
1,2,4-Trimethylbenzene	<0.0007 U	<0.00064 U	3.6	3.6	7.2	
1,2-Dibromo-3-Chloropropane	<0.0013 U	<0.0012 U	-	-	0.1	
1,2-Dichlorobenzene	<0.001 U	<0.00094 U	1.1	1.1	2.2	
1,2-Dichloroethane	<0.00084 U	<0.00077 U	0.02	0.02	0.1	
1,2-Dichloropropane	<0.0012 U	<0.0011 U	-	-	0.1	
1,3,5-Trimethylbenzene	<0.00089 U	<0.00082 U	8.4	8.4	16.8	
1,3-Dichlorobenzene	<0.001 U	<0.00095 U	2.4	2.4	4.8	
1,3-Dichloropropane	<0.00055 U	<0.0005 U	-	-	0.6	
1,4-Dichlorobenzene	<0.00064 U	<0.00059 U	1.8	1.8	3.6	
2,2-Dichloropropane	<0.0011 U	<0.001 U	-	-	0.6	
2-Butanone (MEK)	<0.001 U	<0.00096 U	0.12	0.12	0.4	
2-Chloroethyl vinyl ether	<0.002 U	<0.0018 U	-	-	1	
2-Chlorotoluene	<0.001 U	<0.00093 U *	-	-	5.2	
2-Hexanone	<0.0049 U	<0.0045 U	-	-	13	
4-Chlorotoluene	<0.0011 U	<0.001 U	-	-	5.2	
4-Ethyltoluene	<0.00096 U	<0.00087 U	-	-	9	
4-Isopropyltoluene	<0.00085 U	<0.00078 U	-	-	22	
4-Methyl-2-pentanone (MIBK)	<0.0044 U	<0.004 U	-	-	1.4	
Acetone	<0.016 U	<0.015 U	0.05	0.05	-	
Acrolein	<0.08 UJ	<0.073 UJ	-	-	0.1	
Acrylonitrile	<0.014 U	<0.013 U	-	-	0.1	
Allyl chloride	<0.00076 U	<0.00069 U	-	-	0.4	
Benzene	<0.00073 U	<0.00067 U	0.06	0.06	0.12	
Bromobenzene	<0.001 U	<0.00094 U	-	-	2.8	
Bromoform	<0.0012 U	<0.0011 U	-	-	13	
Bromomethane	<0.0028 U	<0.0026 U	-	-	-	
Carbon disulfide	<0.00076 U	<0.00069 U	-	-	5.6	
Carbon tetrachloride	<0.0011 U	<0.001 U	0.76	0.76	1.6	
Chlorobenzene	<0.0005 U	0.00046 U	1.1	1.1	2.2	
Chlorobromomethane	<0.0008 U	<0.00073 U	-	-	0.4	
Chlorodibromomethane	<0.00055 U	<0.0005 U	-	-	4.6	
Chlorodifluoromethane	<0.00028 U	<0.00026 U	-	-	0.1	
Chloroethane	<0.0015 U	<0.0014 U	-	-	0.4	
Chloroform	<0.0028 U *	<0.0025 U	0.37	0.37	0.8	
Chloromethane	<0.0012 U	<0.0011 U	-	-	0.1	
cis-1,2-Dichloroethene	<0.001 U	<0.00093 U	0.25	0.25	0.5	
cis-1,3-Dichloropropene	<0.00078 U	<0.00071 U	-	-	0.1	
Dibromomethane	<0.001 U	<0.00096 U	-	-	0.4	
Dichlorobromomethane	<0.00073 U	<0.00067 U	-	-	6.2	
Dichlorodifluoromethane	<0.00096 U	<0.00088 U	-	-	0.6	
Ethyl ether	<0.0013 U	<0.0012 U	-	-	0.6	
Ethylbenzene	<0.00057 U	<0.00052 U	12	1	2	
Ethylene Dibromide	<0.00051 U	<0.00047 U	-	-	0.6	
Hexachlorobutadiene	<0.001 U	<0.00095 U	0.33	3.2	54	
Hexane	<0.0011 U	<0.001 U	-	-	150	
Isopropylbenzene	<0.00081 U	<0.00074 U	-	-	9.4	
Methyl methacrylate	<0.0015 U	<0.0014 U	-	-	1.4	
Methyl tert-butyl ether	<0.0015 U	<0.0013 U	0.93	0.93	0.2	
Methylene Chloride	<0.0033 U	<0.003 U	0.05	0.05	0.1	
Naphthalene	<0.0012 U	<0.0011 U	12	100	24	
n-Butyl acetate	<0.0026 U	<0.0024 U *	-	-	20	
n-Butylbenzene	<0.00084 U	<0.00076 U *	12	12	12	
N-Propylbenzene	<0.0005 U	<0.00046 U *	3.9	3.9	8	
p-Diethylbenzene	<0.00092 U	<0.00084 U	-	-	52	
sec-Butylbenzene	<0.00082 U	<0.00075 U *	11	11	12	
Styrene	<0.00079 U	<0.00072 U	-	-	9.2	
Tert-amyl methyl ether	<0.0016 U	<0.0014 U	-	-	4	
Tert-butyl ethyl ether	<0.004 U	<0.0036 U	-	-	4	
tert-Butylbenzene	<0.00079 U	<0.00072 U	5.9	5.9	12	
Tetrachloroethene	<0.00087 U	<0.00079 U	1.3	1.3	2.6	
Tetrahydrofuran	<0.0028 U	<0.0026 U	-	-	2.2	
Toluene	<0.00067 U	<0.00061 U	0.7	0.7	3	
trans-1,2-Dichloroethene	<0.0007 U	<0.00064 U	0.19	0.19	0.4	
trans-1,3-Dichloropropene	<0.00076 U	<0.00069 U	-	-	0.1	
Trichloroethene	<0.00091 U	<0.00084 U	0.47	0.47	1	
Trichlorofluoromethane	<0.0012 U	<0.0011 U	-	-	1.6	
Vinyl acetate	<0.0027 U	<0.0025 U	-	-	0.6	
Vinyl chloride	<0.0016 U	<0.0014 U	0.02	0.02	0.1	
Xylenes, Total	<0.0018 U	<0.0017 U	0.26	1.6	3.2	
Total Estimated Conc. (TICs)	0.593	*T	-	-	-	

Notes:

SCDHS: Suffolk County Department of Health Services

TIC: Tentatively-Identified Compound

U : Indicates the analyte was analyzed for but not detected.

*T There are no TICs reported for the sample

- No NYSDEC Soil Cleanup Objective or SCDHS Action Level established.

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

TABLE 2.2.6.3
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P29												NYSDEC Guidance Values					
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	65-70	75-80	85-90									
Sample Dates	1/18/2023						9/18/2023											
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter																		
Perfluorobutanoic acid (PFBA)	2.64 J	30.5	16.3	13.5	24.7	6.54	0.87 J	6.37	0.93 J	-								
Perfluoropentanoic acid (PFPA)	8.58 F1	91.8 F1	46.0 F1	41.6 F1	83.6 F1	22.1 F1	2.20	20.6	2.47	-								
Perfluorohexanoic acid (PFHxA)	7.38 4	101 4	68.1 4	54.0 4	142 4	31.5 4	1.95	17.3	2.01	-								
Perfluoroheptanoic acid (PFHpA)	4.88	84.2	48.4	38.4	76.7	21.5	1.82	16.3	2.00	-								
Perfluorooctanoic acid (PFOA)	2.35	21.0	14.0	11.3	22.0	6.19	0.55 J	4.10	0.56 J	6.7								
Perfluorononanoic acid (PFNA)	0.47 J	0.59 J	7.57	6.28	7.17	1.95	<0.16 U	<0.16 U	0.20 J	-								
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.44 U	0.73 J	0.79 J	1.11 J	<0.43 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluoroundecanoic acid (PFUnA)	<0.42 U	1.24 J	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.32 U	<0.32 U	<0.33 U	-								
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.32 U	<0.32 U	<0.33 U	-								
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.32 U	<0.32 U	<0.33 U	-								
Perfluorobutanesulfonic acid (PFBS)	4.56	9.88	12.6	9.67	30.5	7.43	0.27 J	1.77	0.29 J	-								
Perfluoropentanesulfonic acid (PFPeS)	2.78	19.3	21.5	17.6	40.5	10.2	0.26 J	2.63	0.28 J	-								
Perfluorohexanesulfonic acid (PFHxS)	6.60 4	38.6 4	162 4	128 4	230 4	65.9 4	0.62 J	5.27	0.62 J	-								
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.44 U	2.26	1.81	2.01	0.52 J	<0.24 U	<0.24 U	<0.25 U	-								
Perfluorooctanesulfonic acid (PFOS)	2.57	3.43	57.9	48.1	64.9	18.8	<0.41 U	<0.40 U	<0.42 U	2.7								
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.24 U	<0.24 U	<0.25 U	-								
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.41 U	<0.40 U	<0.42 U	-								
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.52 U	<3.67 U	4.70	<3.54 U	10.9	<3.63 U	<0.41 U	<0.40 U	<0.42 U	-								
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	0.49 U	<0.48 U	<0.50 U	-								
Perfluorooctanesulfonamide (FOSA)	2.51	3.48	1.40 J	2.85	2.02	1.44 J	0.89 J	<0.24 U	1.09 J	-								
NMeFOSA	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	<0.57 U	<0.56 U	<0.58 U	-								
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	<0.32 U	<0.32 U	<0.33 U	-								
NMeFOSAA	<0.50 U	<0.52 U	<0.52 U	<0.51 U	<0.52 U	<0.52 U	<0.32 U	<0.32 U	<0.33 U	-								
NEtFOSAA	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.41 U	<0.40 U	<0.42 U	-								
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	<0.32 U	<0.32 U	<0.33 U	-								
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	<0.32 U	<0.32 U	<0.33 U	-								
HFPO-DA	<0.84 U	<0.87 U	<0.86 U	<0.84 U	<0.86 U	<0.87 U	<0.32 U	<0.32 U	<0.33 U	-								
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.41 U	<0.40 U	<0.42 U	-								
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.24 U	<0.24 U	<0.25 U	-								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.24 U	<0.24 U	<0.25 U	-								
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.41 U	<0.40 U	<0.42 U	-								
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.44 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	<0.41 U	<0.40 U	<0.42 U	-								
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.24 U	<0.24 U	<0.25 U	-								
3:3 FTCA	<0.25 U	<0.26 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U	<0.41 U	<0.40 U	<0.42 U	-								
5:3 FTCA	<0.17 U	0.41 J	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.41 U	<0.40 U	<0.42 U	-								
7:3 FTCA	<0.25 U	<0.26 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U	<0.89 U	<0.89 U	<0.91 U	-								

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

4: MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Red boxed values exceed USEPA proposed HBWC.

*1: LCS/LCSD RPD exceeds control limits.

F1: MS and/or MSD recovery exceeds control limits

F2 : MS/MSD RPD exceeds control limits

*-: LCS and/or LCSD is outside acceptance limits, low biased.

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P39			P339	P39			NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	Duplicate of P39 25-30	35-40	45-50	55-60	
Sample Dates	1/17/2023							
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter								
Perfluorobutanoic acid (PFBA)	1.90 J	2.67 J	<1.84 U	<1.80 U	<1.83 U	<1.78 U	<1.81 U	-
Perfluoropentanoic acid (PFPA)	3.24	6.29	1.24 J	1.31 J	0.73 J	<0.45 U	<0.45 U	-
Perfluorohexanoic acid (PFHxA)	2.75	7.38	1.51 J	1.48 J	<0.82 U	<0.80 U	<0.82 U	-
Perfluoroheptanoic acid (PFHpA)	2.09	5.70	0.85 J	0.89 J	<0.46 U	<0.45 U	<0.45 U	-
Perfluorooctanoic acid (PFOA)	2.11	1.32 J	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	6.7
Perfluorononanoic acid (PFNA)	1.54 J	1.13 J	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorodecanoic acid (PFDA)	0.54 J	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluoroundecanoic acid (PFUnA)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorododecanoic acid (PFDoA)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorotridecanoic acid (PFTriA)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorobutanesulfonic acid (PFBS)	4.34	3.29	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluoropentanesulfonic acid (PFPeS)	0.52 J	8.66	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorohexanesulfonic acid (PFHxS)	0.83 J	6.27	1.68 J	1.70 J	1.30 J	<0.45 U	<0.45 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorooctanesulfonic acid (PFOS)	<1.40 U J1	1.40 J1 J	<1.40 U J1	<1.40 U J1	<1.40 U J1	<1.40 U J1	<1.40 U J1	2.7
Perfluorononanesulfonic acid (PFNS)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.83 U	<3.73 U	<3.87 U	<3.77 U	<3.84 U	<3.74 U	<3.81 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
Perfluorooctanesulfonamide (FOSA)	1.61 J	0.95 J	0.76 J	0.85 J	0.80 J	<0.62 U	<0.64 U	-
NMeFOSA	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
NMeFOSAA	<0.55 U	<0.53 U	<0.55 U	<0.54 U	<0.55 U	<0.53 U	<0.54 U	-
NEtFOSAA	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
HFPO-DA	<0.91 U	<0.89 U	<0.92 U	<0.90 U	<0.91 U	<0.89 U	<0.91 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.46 U	<0.44 U	<0.46 U	<0.45 U	<0.46 U	<0.45 U	<0.45 U	-
PFEESA	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	-
3:3 FTCA	<0.27 U	<0.27 U	<0.28 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	-
5:3 FTCA	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	-
7:3 FTCA	<0.27 U *-	<0.27 U *-	<0.28 U *-	<0.27 U *-	<0.27 U *-	<0.27 U *-	<0.27 U *-	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value
- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

4: MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

*-: LCS and/or LCSD is outside acceptance limits, low biased.
*1: LCS/LCSD RPD exceeds control limits.

F1: MS and/or MSD recovery exceeds control limits
F2 : MS/MSD RPD exceeds control limits

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P31					P331	P31	P32							NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	Duplicate of P31 45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60		
Sample Date	12/21/2022							12/20/2022							
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	23.8	4.78	<1.69 U	<1.66 U	<1.67 U	<1.67 U	<1.69 U	19.0	2.26 J	<1.64 U	<1.69 U	<1.71 U	<1.70 U	-	
Perfluoropentanoic acid (PFPA)	84.7	13.0	0.59 J	<0.42 U	<0.42 U	<0.42 U	<0.42 U	62.4	1.39 J	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorohexanoic acid (PFHxA)	122	13.4	<0.76 U	<0.75 U	<0.75 U	<0.75 U	<0.76 U	91.0	1.21 J	<0.74 U	<0.76 U	<0.77 U	<0.76 U	-	
Perfluoroheptanoic acid (PFHpA)	33.1	6.70	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	1.09 J I	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorooctanoic acid (PFOA)	1.83	1.14 J	<0.42 U	0.45 J	0.44 J	0.44 J	0.63 J	1.25 J	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	6.7	
Perfluorononanoic acid (PFNA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorobutanesulfonic acid (PFBS)	18.5	3.00	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	20.0	2.29	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluoropentanesulfonic acid (PFPeS)	43.3	3.37	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	15.4	0.52 J	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorohexanesulfonic acid (PFHxS)	29.0	3.33	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	1.72	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.82 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.55 U	<3.64 U	<3.56 U	<3.49 U	<3.50 U	<3.52 U	<3.55 U	<3.50 U	<3.55 U	<3.44 U	<3.55 U	<3.59 U	<3.56 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.59 U	<0.61 U	<0.59 U	<0.58 U	<0.58 U	<0.59 U	<0.59 U	<0.58 U	<0.59 U	<0.57 U	<0.59 U	<0.60 U	<0.59 U	-	
NMeFOSA	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
NMeFOSAA	<0.51 U	<0.52 U	<0.51 U	<0.50 U	<0.50 U	<0.50 U	<0.51 U	<0.50 U	<0.51 U	<0.49 U	<0.51 U	<0.51 U	<0.51 U	-	
NEtFOSAA	<0.42 U	<0.43 U	<0.42 U	0.42 U	<0.42 U	0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
HFPO-DA	<0.84 U	<0.87 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	<0.82 U	<0.85 U	<0.85 U	<0.85 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	-	
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	-	
3:3 FTCA	<0.25 U	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	-	
5:3 FTCA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	< 0.31 J U	< 0.31 J U	< 0.31 J U	< 0.31 J U	< 0.31 J U	< 0.31 J U	-	
7:3 FTCA	<0.25 U *- F1	0.26 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.25 U *- F1	<0.26 U *- F1	<0.25 U *- F1	-	

Notes:
BOLD Yellow-shaded values exceed NYSDEC Guidance Value
- No NYSDEC Guidance Value established
U : Indicates the analyte was analyzed for but not detected.
*- : LCS and/or LCSD is outside acceptance limits, low biased.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
I: Value is estimated maximum possible concentration
F1 : MS and/or MSD recovery exceeds control limits.

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P19						P19A						NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60	
Sample Date	2/2/2023						3/7/2023						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter													
Perfluorobutanoic acid (PFBA)	<1.93 U	<1.83 U	<1.91 U	<1.99 U	<1.65 U	<1.70 U	<1.85 U	<1.65 U	<1.83 U	<1.92 U	<1.85 U	<1.83 U	-
Perfluoropentanoic acid (PFPA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorohexanoic acid (PFHxA)	<0.87 U	<0.83 U	<0.86 U	<0.90 U	<0.74 U	<0.76 U	<0.83 U	<0.74 U	<0.82 U	1.53 J	<0.83 U	<0.82 U	-
Perfluoroheptanoic acid (PFHpA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	0.67 J	0.82 J	<0.46 U	<0.46 U	-
Perfluorooctanoic acid (PFOA)	1.26 J	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	0.80 J	0.74 J	1.06 J	2.10	<0.46 U	<0.46 U	6.7
Perfluorononanoic acid (PFNA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	0.54 J	<0.46 U	<0.46 U	-
Perfluorodecanoic acid (PFDA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluoroundecanoic acid (PFUnA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorododecanoic acid (PFDoA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorotridecanoic acid (PFTriA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorobutanesulfonic acid (PFBS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	0.52 J	<0.46 U	<0.46 U	-
Perfluoropentanesulfonic acid (PFPeS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorohexanesulfonic acid (PFHxS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	0.46 J	1.38 J	2.27	<0.46 U	<0.46 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorooctanesulfonic acid (PFOS)	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<4.06 U	<3.85 U	<4.00 U	<4.18 U	<3.47 U	<3.56 U	<3.89 U	<3.47 U	<3.84 U	<4.03 U	<3.89 U	<3.85 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
Perfluorooctanesulfonamide (FOSA)	<0.68 U	<0.64 U	<0.67 U	<0.70 U	<0.58 U	<0.59 U	2.34	1.90	6.60	9.46	3.52	1.19 J	-
NMeFOSA	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
NMeFOSAA	<0.58 U	<0.55 U	<0.57 U	<0.60 U	<0.50 U	<0.51 U	<0.56 U	<0.50 U	<0.55 U	<0.58 U	<0.56 U	<0.55 U	-
NEtFOSAA	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
HFPO-DA	<0.97 U	<0.92 U	<0.95 U	<1.0 U	<0.83 U	<0.85 U	<0.93 U	<0.83 U	<0.92 U	<0.96 U	<0.93 U	<0.92 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.19 U	<0.18 U	<0.19 U	<0.20 U	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.18 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.19 U	<0.18 U	<0.19 U	<0.20 U	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.18 U	-
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.19 U	<0.18 U	<0.19 U	<0.20 U	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.18 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.48 U	<0.46 U	<0.48 U	<0.50 U	<0.41 U	<0.42 U	<0.46 U	<0.41 U	<0.46 U	<0.48 U	<0.46 U	<0.46 U	-
PFEESA	<0.19 U	<0.18 U	<0.19 U	<0.20 U	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.18 U	-
3:3 FTCA	<0.29 U	<0.28 U	<0.29 U	<0.30 U	<0.25 U	<0.25 U	<0.28 U	<0.25 U	<0.27 U	<0.29 U	<0.28 U	<0.27 U	-
5:3 FTCA	<0.19 U	<0.18 U	<0.19 U	<0.20 U F1	<0.17 U	<0.17 U	<0.19 U	<0.17 U	<0.18 U	<0.19 U	<0.19 U	<0.18 U	-
7:3 FTCA	<0.29 U *- F1	<0.28 U *- F1	<0.29 U *- F1	<0.30 U F1 *-	<0.25 U *-	<0.25 U *-	<0.28 U	<0.25 U	<0.27 U *-	<0.29 U *-	<0.28 U *-	<0.27 U *-	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

U : Indicates the analyte was analyzed for but not detected.

*- : LCS and/or LCSD is outside acceptance limits, low biased.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

I: Value is estimated maximum possible concentration

F1 : MS and/or MSD recovery exceeds control limits.

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P33				P339	P33		P34							NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	Duplicate of P33 35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60		
Sample Date	12/19/2022							12/16/2022							
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	5.20	<1.65 U	<1.70 U	<1.68 U	<1.69 U	<1.65 U	<1.70 U	4.60	<1.72 U	<1.72 U	<1.78 U	<1.64 U	<1.69 U	-	
Perfluoropentanoic acid (PFPA)	4.55	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	1.46 J	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorohexanoic acid (PFHxA)	3.54	<0.74 U	<0.76 U	<0.75 U	<0.76 U	<0.74 U	<0.77 U	1.44 J	<0.77 U	<0.77 U	<0.80 U	<0.74 U	<0.76 U	-	
Perfluoroheptanoic acid (PFHpA)	4.24	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorooctanoic acid (PFOA)	1.07 J	1.09 J	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	2.69	<0.43 U	<0.43 U	<0.44 U	1.03 J	<0.42 U	6.7
Perfluorononanoic acid (PFNA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorobutanesulfonic acid (PFBS)	3.05	<0.41 U	0.72 J	<0.42 U	<0.42 U	<0.41 U	<0.43 U	4.10	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluoropentanesulfonic acid (PFPeS)	1.13 J	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	0.77 J	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorohexanesulfonic acid (PFHxS)	1.43 J	0.50 J	1.68 J	<0.42 U	<0.42 U	<0.41 U	<0.43 U	2.98	0.62 J	<0.43 U	<0.44 U	1.41 J	<0.42 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	6.35	<0.86 U	1.25 J	3.65	3.60	<0.85 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.54 U	<3.47 U	<3.56 U	<3.52 U	<3.56 U	<3.46 U	<3.58 U	11.2	<3.60 U	<3.61 U	<3.73 U	4.67	<3.55 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.59 U	<0.58 U	<0.59 U	<0.59 U	<0.59 U	<0.58 U	<0.60 U	1.24 J	<0.60 U	0.98 J	2.09	1.23 J	<0.59 U	-	
NMeFOSA	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
N-ethylperfluoro-1-octanesulfonamide (NetFOSA)	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
NMeFOSAA	<0.51 U	<0.50 U	<0.51 U	<0.50 U	<0.51 U	<0.49 U	<0.51 U	<0.50 U	<0.51 U	<0.52 U	<0.53 U	<0.49 U	<0.51 U	-	
NetFOSAA	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
HFPO-DA	<0.84 U	<0.83 U	<0.85 U	<0.84 U	<0.85 U	<0.82 U	<0.85 U	<0.83 U	<0.86 U	<0.86 U	<0.89 U	<0.82 U	<0.85 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	-	
Perfluoro-3,6-dioxahheptanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.43 U	<0.41 U	<0.43 U	<0.43 U	<0.44 U	<0.41 U	<0.42 U	-	
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	-	
3:3 FTCA	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U	<0.27 U	<0.25 U	<0.25 U	-	
5:3 FTCA	<0.30 J U	<0.30 J U	<0.30 J U	<0.30 J U	<0.30 J U	<0.30 J U	<0.30 J U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	-	
7:3 FTCA	<0.25 U *-	<0.25 U *-	<0.25 U *-	<0.25 U *-	<0.25 U *-	<0.25 U *-	<0.26 U *-	<0.25 U *-	<0.26 U *-	<0.26 U *-	<0.27 U *-	<0.25 U *-	<0.25 U *- F1	-	

Notes:
BOLD Yellow-shaded values exceed NYSDEC Guidance Value
- No NYSDEC Guidance Value established
U : Indicates the analyte was analyzed for but not detected.
*- : LCS and/or LCSD is outside acceptance limits, low biased.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
I: Value is estimated maximum possible concentration
F1 : MS and/or MSD recovery exceeds control limits.

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P35						P36			P369	P36			NYSDEC Guidance Values	
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	(Duplicate) 25-30	35-40	45-50	55-60		
Sample Dates	1/12/2023						12/15/2022								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	25.0		<1.71 U	<1.68 U	<1.67 U	<1.73 U	<1.65 U	<1.59 U	<1.65 U	<1.68 U	<1.73 U	<1.68 U	<1.59 U	<1.65 U	-
Perfluoropentanoic acid (PFPA)	62.1		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorohexanoic acid (PFHxA)	72.3		<0.77 U	<0.75 U	<0.75 U	<0.78 U	<0.74 U	<0.72 U	<0.74 U	<0.76 U	<0.78 U	<0.76 U	<0.72 U	<0.74 U	-
Perfluoroheptanoic acid (PFHpA)	6.72		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorooctanoic acid (PFOA)	0.99 J		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U 4	1.94 4	<0.42 U 4	<0.43 U 4	<0.42 U 4	<0.40 U 4	<0.41 U 4	6.7
Perfluorononanoic acid (PFNA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorodecanoic acid (PFDA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluoroundecanoic acid (PFUnA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorododecanoic acid (PFDoA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorotridecanoic acid (PFTriA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorobutanesulfonic acid (PFBS)	14.4		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluoropentanesulfonic acid (PFPeS)	14.3		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorohexanesulfonic acid (PFHxS)	6.21		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorooctanesulfonic acid (PFOS)	1.10 J		<0.86 U	1.25 J	0.92 J	<0.86 U	<0.83 U	1.48 J	1.65	<0.84 U	<0.86 U	3.46	<0.80 U	<0.83 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U F2	<0.41 U F2	<0.42 U F2	<0.43 U F2	<0.42 U F2	<0.40 U F2	<0.41 U F2	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.55 U		<3.60 U	<3.52 U	<3.50 U	<3.63 U	<3.47 U	<3.34 U	<3.47 U	<3.53 U	<3.63 U	<3.53 U	<3.34 U	<3.47 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.85 U *+		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
Perfluorooctanesulfonamide (FOSA)	3.33		1.71	2.23	0.69 J	<0.60 U	1.13 J	<0.56 U	<0.58 U	<0.59 U	<0.61 U	<0.59 U	<0.56 U	<0.58 U	-
NMeFOSA	<0.85 U		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.85 U		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
NMeFOSAA	<0.51 U *+		<0.51 U	<0.50 U	<0.50 U	<0.52 U	<0.50 U	<0.48 U	<0.50 U	<0.50 U	<0.52 U	<0.50 U	<0.48 U	<0.50 U	-
NEtFOSAA	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.85 U		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.85 U		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
HFPO-DA	<0.85 U		<0.86 U	<0.84 U	<0.83 U	<0.86 U	<0.83 U	<0.79 U	<0.83 U	<0.84 U	<0.86 U	<0.84 U	<0.80 U	<0.83 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U		<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U		<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U *+		<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U		<0.43 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.40 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.40 U	<0.41 U	-
PFEESA	<0.17 U		<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	-
3:3 FTCA	<0.25 U		<0.26 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.24 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.24 U	<0.25 U	-
5:3 FTCA	<0.54 U JI		<0.54 U JI	<0.54 U JI	<0.54 U JI	<0.54 U JI	<0.54 U JI	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	-
7:3 FTCA	<0.25 U		<0.26 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.24 U * F1	<0.25 U * F1	<0.25 U * F1	<0.26 U * F1	<0.25 U * F1	0.24 U * F1	<0.25 U * F1	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

4: MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2 : MS/MSD RPD exceeds control limits

TABLE 2.2.6.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
ARFF STATION
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P37						P38						NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60	
Sample Dates	1/31/2023						12/14/2022						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter													
Perfluorobutanoic acid (PFBA)	2.68 J	<1.65 U	<1.70 U	<1.67 U	<1.67 U	<1.69 U	<1.79 U	<1.67 U	<1.74 U	<1.71 U	<1.65 U	<1.93 U	-
Perfluoropentanoic acid (PFPA)	6.72	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorohexanoic acid (PFHxA)	6.62	<0.74 U	<0.77 U	<0.75 U	<0.75 U	<0.76 U	<0.81 U	<0.75 U	<0.78 U	<0.77 U	<0.74 U	<0.87 U	-
Perfluoroheptanoic acid (PFHpA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorooctanoic acid (PFOA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	6.7
Perfluorononanoic acid (PFNA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorodecanoic acid (PFDA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluoroundecanoic acid (PFUnA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorododecanoic acid (PFDoA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorotridecanoic acid (PFTriA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorobutanesulfonic acid (PFBS)	2.97	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	2.05	0.42 J	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluoropentanesulfonic acid (PFPeS)	1.78 J	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorohexanesulfonic acid (PFHxS)	1.04 J	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	1.38 J	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorooctanesulfonic acid (PFOS)	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.43 U	<0.82 U	<0.97 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.82 U	<3.47 U	<3.57 U	<3.51 U	<3.50 U	<3.54 U	<3.76 U	<3.51 U	<3.66 U	<3.60 U	<3.46 U	<4.06 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
Perfluorooctanesulfonamide (FOSA)	<0.64 U	<0.58 U	<0.60 U	<0.58 U	<0.58 U	<0.59 U	<0.63 U	<0.58 U	<0.61 U	0.85 J	<0.58 U	<0.68 U	-
NMeFOSA	<0.91 U	1.34 J	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
NMeFOSAA	<0.55 U	<0.50 U	<0.51 U	<0.50 U	<0.50 U	<0.51 U	<0.54 U	<0.50 U	<0.52 U	<0.51 U	<0.49 U	<0.58 U	-
NEtFOSAA	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
HFPO-DA	<0.91 U	<0.83 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.90 U	<0.84 U	<0.87 U	<0.86 U	<0.82 U	<0.97 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.19 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.19 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.19 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.46 U	<0.41 U	<0.43 U	<0.42 U	<0.42 U	<0.42 U	<0.45 U	<0.42 U	<0.44 U	<0.43 U	<0.41 U	<0.48 U	-
PFEESA	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.19 U	-
3:3 FTCA	<0.27 U	<0.25 U	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.27 U	<0.25 U	<0.26 U	<0.26 U	<0.25 U	<0.29 U	-
5:3 FTCA	<0.21 U J	<0.21 U J	<0.21 U J	<0.21 U J	<0.21 U J	<0.21 U J	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-
7:3 FTCA	<0.27 U *-	<0.25 U *-	<0.26 U *-	<0.25 U *-	<0.25 U *-	<0.18 U *-	<0.27 U *- F1	<0.25 U *- F1	<0.26 U *- F1	<0.26 U *- F1	<0.25 U *- F1	<0.29 U *- F1	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

4: MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

*-: LCS and/or LCSD is outside acceptance limits, low biased.

*1: LCS/LCSD RPD exceeds control limits.

H: Sample was prepared or analyzed beyond the specified holding time

F1: MS and/or MSD recovery exceeds control limits

F2 : MS/MSD RPD exceeds control limits

TABLE 2.2.7.1
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-27		B-28		B-29		B-30	B-309 (Duplicate)	B-30	B-31		B-32		NYSDEC Guidance Values	
Sample Depth Below Grade (feet)	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	0 - 0.5	1 - 2	0 - 0.5	1 - 2	0 - 0.5	1 - 2	Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021														
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram															
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.64 U	<0.61 U	<0.63 U	<0.63 U	<0.63 U	<0.61 U	<0.62 U	<0.64 U	<0.62 U	<0.63 U	<0.60 U	<0.63 U	<0.62 U	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.64 U	<0.61 U	<0.63 U	<0.63 U	<0.63 U	<0.61 U	<0.62 U	<0.64 U	<0.62 U	<0.63 U	<0.60 U	<0.63 U	<0.62 U	-	-
NEtFOSAA	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
NMeFOSAA	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorobutanesulfonic acid (PFBS)	<0.43 U	<0.41 U	<0.42 U	<0.42 U	<0.42 U	<0.40 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.40 U	<0.42 U	<0.41 U	-	-
Perfluorobutanoic acid (PFBA)	<0.86 U	<0.81 U	<0.84 U	<0.84 U	<0.84 U	<0.81 U	<0.83 U	<0.85 U	<0.83 U	<0.84 U	<0.80 U	<0.84 U	<0.83 U	-	-
Perfluorodecanesulfonic acid (PFDS)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorodecanoic acid (PFDA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	0.31 J	<0.21 U	0.48 J	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorododecanoic acid (PFDoDA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluoroheptanoic acid (PFHpA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorohexanesulfonic acid (PFHxS)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorohexanoic acid (PFHxA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	0.22 J	<0.21 U	<0.21 U	-	-
Perfluorononanoic acid (PFNA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	0.22 J	0.24 J	0.30 J	<0.21 U	0.28 J	<0.21 U	<0.21 U	-	-
Perfluorooctanesulfonamide (FOSA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorooctanesulfonic acid (PFOS)	0.48 J	<0.20 U	1.56	0.37 J	0.42 J	2.99	2.06	2.79	10.9	0.97	7.49	0.22 J	<0.21 U	0.88	3.7
Perfluorooctanoic acid (PFOA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	0.66	1.1
Perfluoropentanoic acid (PFPeA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorotetradecanoic acid (PFTeDA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluorotridecanoic acid (PFTTrDA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	<0.21 U	-	-
Perfluoroundecanoic acid (PFUnDA)	<0.21 U	<0.20 U	<0.21 U	<0.21 U	<0.21 U	<0.20 U	<0.21 U	0.38 J	<0.21 U	0.32 J	<0.20 U	<0.21 U	<0.21 U	-	-

Sample ID	EH-1				NYSDEC Guidance Values	
Sample Depth Below Grade (feet)	0 - 0.5	1 - 2	8 - 10	20 - 30	Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021					
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram						
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.60 U	<0.61 U	<0.61 U	<0.60 U	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<0.60 U	<0.61 U	<0.61 U	<0.60 U	-	-
NEtFOSAA	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
NMeFOSAA	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorobutanesulfonic acid (PFBS)	<0.40 U	<0.41 U	<0.41 U	<0.40 U	-	-
Perfluorobutanoic acid (PFBA)	<0.80 U	<0.81 U	<0.81 U	<0.81 U	-	-
Perfluorodecanesulfonic acid (PFDS)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorodecanoic acid (PFDA)	<0.20 U	0.29 J	<0.20 U	<0.20 U	-	-
Perfluorododecanoic acid (PFDoDA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluoroheptanoic acid (PFHpA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorohexanesulfonic acid (PFHxS)	<0.20 U	<0.20 U	<0.20 U	0.84	-	-
Perfluorohexanoic acid (PFHxA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorononanoic acid (PFNA)	0.21 J	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorooctanesulfonamide (FOSA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorooctanesulfonic acid (PFOS)	15.3	1.76	<0.20 U	0.55 J	0.88	3.7
Perfluorooctanoic acid (PFOA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	0.66	1.1
Perfluoropentanoic acid (PFPeA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorotetradecanoic acid (PFTeDA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluorotridecanoic acid (PFTTrDA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-
Perfluoroundecanoic acid (PFUnDA)	<0.20 U	<0.20 U	<0.20 U	<0.20 U	-	-

Notes:

BOLD gray shaded values exceed NYSDEC Guidance Value for unrestricted use

BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

- No NYSDEC Guidance Value established

U : Indicates the analyte was analyzed for but not detected.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

SDGs 460-243517-1 & 460243517-2

TABLE 2.2.7.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-77		B-779 (Duplicate)		B-77		B-78		B-79		B-80		NYSDEC Guidance Values											
Sample Depth Below Grade (feet)	0 - 0.5				1 - 2		0 - 0.5		1 - 2		0 - 0.5		1 - 2											
Sample Date	10/26/2022												Unrestricted Use	Protection of Groundwater										
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram																								
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.054	U	<0.053	U	<0.052	U	<0.052	U	<0.051	U	<0.053	U	<0.053	U										
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0.025	J	0.019	J	<0.018	U	0.058	J	<0.018	U	0.039	J	<0.018	U										
NEtFOSAA	<0.024	U	<0.024	U	<0.023	U	<0.024	U	< 0.023	U	0.039	J	<0.024	U										
NMeFOSAA	<0.034	U	<0.033	U	<0.033	U	<0.033	U	<0.032	U	<0.034	U	<0.033	U										
Perfluorobutanesulfonic acid (PFBS)	<0.40	U	<0.39	U	<0.38	U	<0.39	U	<0.38	U	<0.39	U	<0.39	U										
Perfluorobutanoic acid (PFBA)	0.034	J	0.030	J	<0.025	U	<0.026	U	<0.025	U	<0.025	U	0.036	J										
Perfluorodecanesulfonic acid (PFDS)	<0.023	U	<0.023	U	<0.022	U	<0.022	U	<0.022	U	<0.023	U	<0.023	U										
Perfluorodecanoic acid (PFDA)	0.33		0.24		0.056	J	1.81		0.41		0.32		0.13	J										
Perfluorododecanoic acid (PFDoDA)	0.068	J	0.046	J	<0.024	U	0.17	J	0.039	J	0.11	J	<0.024	U										
Perfluoroheptanesulfonic acid (PFHpS)	<0.022	U	<0.022	U	<0.021	U	<0.021	U	<0.021	U	<0.022	U	<0.021	U										
Perfluoroheptanoic acid (PFHpA)	0.10	J	0.10	J	0.054	J	0.10	J	0.063	J	0.053	J	0.070	J										
Perfluorohexanesulfonic acid (PFHxS)	<0.021	U	<0.02	U	<0.020	U	<0.020	U	<0.020	U	<0.021	U	<0.02	U										
Perfluorohexanoic acid (PFHxA)	0.051	J	0.044	J	0.032	J	0.044	J	0.029	J	0.021	J	0.026	J										
Perfluorononanoic acid (PFNA)	0.24		0.20	J	0.29		0.26		0.32		0.083	J	0.28											
Perfluorooctanesulfonamide (FOSA)	<0.023	U F1	<0.023	U F1	<0.022	U F1	<0.022	U F1	<0.022	U F1	<0.023	U F1	<0.022	U F1										
Perfluorooctanesulfonic acid (PFOS)	0.89		0.72		2.06		0.23		0.53		0.043	J	0.69											
Perfluorooctanoic acid (PFOA)	0.16	J	0.10	J	0.072	J	0.098	J	0.091	J	0.065	J	0.12	J										
Perfluoropentanoic acid (PFPeA)	0.051	J	0.040	J	0.051	J	0.027	J	0.052	J	0.028	J	0.044	J										
Perfluorotetradecanoic acid (PFTeDA)	<0.027	U	<0.026	U	<0.025	U	0.055	J	<0.025	U	0.029	J	<0.025	U										
Perfluorotridecanoic acid (PFTrDA)	0.051	J	0.034	J	<0.022	U	0.064	J	<0.022	U	0.022	J	<0.022	U										
Perfluoroundecanoic acid (PFUnDA)	0.24		0.15	J	<0.059	U	0.59		0.10	J	0.17	J	<0.059	U										
Perfluoropentanesulfonic acid (PFPeS)	<0.024	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U										
Perfluorononanesulfonic acid (PFNS)	<0.024	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U										
Perfluorododecanesulfonic acid (PFDoS)	<0.022	U	<0.022	U	<0.021	U	<0.021	U	<0.021	U	<0.022	U	<0.021	U										
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.019	U	<0.018	U	<0.018	U	<0.018	U*5+	<0.018	U	<0.018	U	<0.018	U										
NMeFOSA	<0.034	U	<0.033	U	<0.033	U	<0.033	U	<0.032	U	<0.034	U	<0.033	U										
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.028	U	<0.027	U	<0.026	U	<0.027	U	<0.026	U	<0.027	U	<0.026	U										
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.025	U	<0.025	U	<0.024	U	<0.025	U	<0.024	U	<0.025	U	<0.024	U										
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.022	U	<0.022	U	<0.021	U	<0.021	U	<0.021	U	<0.022	U	<0.021	U										
HFPO-DA	<0.22	U	<0.22	U	<0.21	U	<0.21	U	<0.21	U	<0.22	U	<0.21	U										
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.024	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U										
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.025	U	<0.025	U	<0.024	U	<0.025	U	<0.024	U	<0.025	U	<0.024	U										
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.024	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U										
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.027	U	<0.026	U	<0.025	U	<0.026	U	<0.025	U	<0.026	U	<0.025	U										
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	<0.027	U	<0.026	U	<0.025	U	<0.026	U	<0.025	U	<0.026	U	<0.025	U										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.024	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U	<0.024	U	<0.023	U										
PFEESA	<0.022	U	<0.022	U	<0.021	U	<0.021	U	<0.021	U	<0.022	U	<0.021	U										
3:3 FTCA	<0.022	U *- F1 F2	<0.022	U *- F1 F2	<0.021	U *- F1 F2	<0.021	U *- F1 F2	<0.021	U *- F1 F2	<0.022	U *- F1 F2	<0.021	U *- F1 F2										
5:3 FTCA	<0.021	U *- F1 F2	<0.02	U *- F1 F2	<0.020	U *- F1 F2	<0.020	U *- F1 F2	<0.020	U *- F1 F2	<0.021	U *- F1 F2	<0.02	U *- F1 F2										
7:3 FTCA	<0.018	U *- F1 F2	<0.017	U *- F1 F2	<0.017	U *- F1 F2	<0.017	U *- F1 F2	<0.017	U *- F1 F2	<0.017	U *- F1 F2	<0.017	U *- F1 F2										

Notes:

BOLD gray shaded values exceed NYSDEC Guidance Value for unrestricted use

BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

- No NYSDEC Guidance Value established

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

*5+: Isotope dilution analyte is outside acceptance limits, high biased.

SDG 460-268338-1

F1: MS and/or MSD recovery exceeds control limits.

F2: MS/MSD RPD exceeds control limits.

*- : LCS and/or LCSD is outside acceptance limits, low biased.

I : Value is EMPC (estimated maximum possible concentration).

TABLE 2.2.7.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-29		B-30		B-309 (Duplicate of B-30)		NYSDEC Part 375 Soil Cleanup Objectives	
Sample Depth Below Grade (feet)	0 - 0.5		0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021							
Volatile Organic Compounds in milligrams per kilogram								
1,1,1-Trichloroethane	<0.00052	U S1+	<0.00038	U	<0.0004	U	0.68	0.68
1,1-Dichloroethane	<0.00046	U S1+	<0.00033	U	<0.00035	U	0.27	0.27
1,1-Dichloroethene	<0.00051	U S1+	<0.00037	U	<0.00039	U	0.33	0.33
1,2,4-Trimethylbenzene	<0.00055	U F1 S1+	<0.0004	U	<0.00042	U	3.6	3.6
1,2-Dichlorobenzene	<0.00081	U F1 S1+	<0.00059	U	<0.00062	U	1.1	1.1
1,2-Dichloroethane	<0.00067	U S1+	<0.00048	U	<0.00051	U	0.02	0.02
1,3,5-Trimethylbenzene	<0.00071	U F1 S1+	<0.00051	U	<0.00054	U	8.4	8.4
1,3-Dichlorobenzene	<0.00082	U F1 S1+	<0.00059	U	<0.00063	U	2.4	2.4
1,4-Dichlorobenzene	<0.00051	U F1 S1+	<0.00037	U	<0.00039	U	1.8	1.8
2-Butanone (MEK)	<0.00083	U S1+	<0.0006	U	<0.00063	U	0.12	0.12
Acetone	<0.013	U S1+	<0.0093	U	<0.0098	U	0.05	0.05
Benzene	<0.00058	U S1+	<0.00042	U	<0.00044	U	0.06	0.06
Carbon tetrachloride	<0.00087	U S1+	<0.00063	U	<0.00066	U	0.76	0.76
Chlorobenzene	<0.0004	U S1+	<0.00029	U	<0.0003	U	1.1	1.1
Chloroform	<0.0022	U S1+	<0.0016	U	<0.0017	U	0.37	0.37
cis-1,2-Dichloroethene	<0.0008	U S1+	<0.00058	U	<0.00061	U	0.25	0.25
Ethylbenzene	<0.00045	U S1+	<0.00032	U	<0.00034	U	12	1
Methyl tert-butyl ether	<0.0012	U S1+	<0.00083	U	<0.00088	U	0.93	0.93
Methylene Chloride	<0.0026	U S1+	<0.0019	U	<0.002	U	0.05	0.05
n-Butylbenzene	<0.00066	U F1 S1+	<0.00048	U *+	<0.0005	U	12	12
N-Propylbenzene	<0.00039	U F1 S1+	<0.00028	U *+	<0.0003	U	3.9	3.9
sec-Butylbenzene	<0.00065	U F1 S1+	<0.00047	U *+	<0.00049	U	11	11
tert-Butylbenzene	<0.00062	U S1+	<0.00045	U	<0.00047	U	5.9	5.9
Tetrachloroethene	<0.00069	U S1+	<0.0005	U	<0.00052	U	1.3	1.3
Toluene	<0.00053	U S1+	<0.00038	U	<0.0004	U	0.7	0.7
trans-1,2-Dichloroethene	<0.00055	U S1+	<0.0004	U	<0.00042	U	0.19	0.19
Trichloroethene	<0.00072	U S1+	<0.00052	U	<0.00055	U	0.47	0.47
Vinyl chloride	<0.0012	U S1+	<0.00089	U	<0.00094	U	0.02	0.02
Xylenes, Total	<0.0014	U S1+	<0.001	U	<0.0011	U	0.26	1.6

Notes:

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

F1 : MS and/or MSD recovery exceeds control limits.

U : Indicates the analyte was analyzed for but not detected.

S1+ : Surrogate recovery exceeds control limits, high biased

SDG 460-243517-1

TABLE 2.2.7.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-29	B-30	B-309 (Duplicate of B-30)	NYSDEC Part 375 Soil Cleanup Objectives	
Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5	0 - 0.5	Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021				
Semivolatile Organic Compounds in milligrams per kilogram					
1,4-Dioxane	<0.031 U	<0.031 U	<0.032 U	0.1	0.1
2-Methylphenol	<0.013 U	<0.013 U	<0.014 U	-	-
3 & 4 Methylphenol	<0.022 U	<0.022 U	<0.023 U	-	-
Acenaphthene	<0.010 U	<0.010 U	<0.010 U	20	98
Acenaphthylene	<0.0035 U	<0.0035 U	<0.0036 U	-	-
Anthracene	<0.011 U	<0.011 U	<0.011 U	100	1,000
Benzo[a]anthracene	0.016 J	0.029 J	<0.013 U	1	1
Benzo[a]pyrene	0.017 J	0.032 J	<0.0096 U	1	22
Benzo[b]fluoranthene	0.014 J	0.036 J	<0.0094 U	1	1.7
Benzo[g,h,i]perylene	0.046 J	0.026 J	<0.011 U	100	1,000
Benzo[k]fluoranthene	0.011 J	0.014 J	<0.0071 U	0.8	1.7
Chrysene	0.012 J	0.023 J	<0.0061 U	1	1
Dibenz(a,h)anthracene	0.047 J	<0.015 U	<0.016 U	0.33	1,000
Dibenzofuran	<0.0049 U	<0.0049 U	<0.0051 U	7	210
Fluoranthene	<0.012 U	0.035 J	<0.013 U	100	1,000
Fluorene	<0.0047 U	<0.0048 U	<0.0049 U	30	386
Hexachlorobenzene	<0.017 U	<0.017 U	<0.017 U	-	3.2
Indeno[1,2,3-cd]pyrene	0.055 J	0.025 J	<0.014 U	0.5	8.2
Naphthalene	<0.006 U	<0.0061 U	<0.0063 U	12	12
Pentachlorophenol	<0.072 U	<0.072 U	<0.074 U	0.8	0.8
Phenanthrene	<0.0061 U	0.017 J	<0.0064 U	100	1,000
Phenol	<0.013 U	<0.013 U	<0.013 U	0.33	0.33
Pyrene	0.0098 J	0.038 J	0.011 J	100	1,000

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.7.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-29	B-30	B-309 (Duplicate of B-30)	NYSDEC Part 375 Soil Cleanup Objectives	
Sample Depth Below Grade (feet)	0 - 0.5	0 - 0.5	0 - 0.5	Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021				
Metals in milligrams per kilogram					
Aluminum	4,530	4,180	6,000	-	-
Antimony	<0.15 U F1	<0.14 U	<0.15 U	-	-
Arsenic	1.1	1.6	1.6	13	16
Barium	5.6	10.3	9.1	250	820
Beryllium	0.095 J	0.088 J	0.12 J	7.2	47
Cadmium	<0.12 U	<0.11 U	<0.11 U	2.5	7.5
Calcium	580 F1	3,370	1,710	-	-
Chromium	4.5	4.7	6.2	30	-
Cobalt	0.87 J	0.89 J	0.92 J	-	-
Copper	2.0 J	5.5	5.9	50	1720
Iron	4,260	5,050	6,410		
Lead	3.2	10.1	7.4	63	450
Magnesium	316	675	473	-	-
Manganese	19.9	36.4	30.8	1,600	2,000
Nickel	1.9 J	2.6	2.7	30	130
Potassium	100 J	141	120	-	-
Selenium	0.35 J	0.27 J	0.38 J	3.9	4
Silver	<0.094 U	<0.087 U	<0.09 U	2	8.3
Sodium	<48.3 U	<44.8 U	<46.3 U	-	-
Thallium	<0.043 U	<0.04 U	0.042 J	-	-
Vanadium	7.0	8.5	10.7	-	-
Zinc	5.4 J	13.8	11.5	109	2,480
Mercury	<0.0082 U	0.023	0.013 J	0.18	0.73
PCBs in milligrams per kilogram					
Aroclor 1016	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1221	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1232	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1242	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1248	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1254	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1260	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor 1268	<0.019 U	<0.019 U	<0.019 U	-	-
Aroclor-1262	<0.019 U	<0.019 U	<0.019 U	-	-
Total PCBs	<0.019 U	<0.019 U	<0.019 U	0.1	3.2

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

F1 : MS and/or MSD recovery exceeds control limits.

U : Indicates the analyte was analyzed for but not detected.

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

TABLE 2.2.7.1 (Continued)
SOIL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	B-29		B-30		B-309 (Duplicate of B-30)		NYSDEC Part 375 Soil Cleanup Objectives	
Sample Depth Below Grade (feet)	0 - 0.5		0 - 0.5		0 - 0.5		Unrestricted Use	Protection of Groundwater
Sample Date	9/22/2021							
Pesticides in milligrams per kilogram								
4,4'-DDD	<0.0012	U	<0.0012	U	<0.0012	U	0.0033	14
4,4'-DDE	<0.00083	U	<0.00084	U	<0.00086	U	3.8	17
4,4'-DDT	<0.0013	U	<0.0013	U	<0.0013	U	0.0033	136
Aldrin	<0.0011	U	<0.0011	U	<0.0011	U	0.005	0.19
alpha-BHC	<0.00072	U	<0.00072	U	<0.00074	U	0.02	0.02
beta-BHC	<0.00079	U	<0.00079	U	<0.00082	U	0.036	0.09
Chlordane (technical)	<0.017	U	<0.017	U	<0.018	U	0.094	2.9
cis-Chlordane	<0.0011	U	<0.0011	U	<0.0012	U	-	-
delta-BHC	<0.00043	U	<0.00043	U	<0.00045	U	0.04	0.25
Dieldrin	<0.00092	U	<0.00092	U	<0.00095	U	0.005	0.1
Endosulfan I	<0.0011	U	<0.0011	U	<0.0011	U	2.4	102
Endosulfan II	<0.0018	U	<0.0018	U	<0.0019	U	2.4	102
Endosulfan sulfate	<0.00089	U	<0.00089	U	<0.00092	U	2.4	1,000
Endrin	<0.001	U	<0.001	U	<0.001	U	0.014	0.06
Endrin aldehyde	<0.0017	U	<0.0017	U	<0.0017	U	-	-
Endrin ketone	<0.0014	U	<0.0014	U	<0.0014	U	-	-
gamma-BHC (Lindane)	<0.00065	U	<0.00066	U	<0.00068	U	0.1	0.1
Heptachlor	<0.00083	U	<0.00084	U	<0.00086	U	0.042	0.38
Heptachlor epoxide	<0.0011	U	<0.0011	U	<0.0011	U	-	-
Methoxychlor	<0.0016	U	<0.0016	U	<0.0017	U	-	-
Toxaphene	<0.026	U	<0.026	U	<0.026	U	-	-
Herbicide in milligrams per kilogram								
Silvex (2,4,5-TP)	<0.0037	U S1+	<0.0037	U	<0.0038	U	3.8	3.8

Notes:

- No NYSDEC Soil Cleanup Objective established for this analyte

U : Indicates the analyte was analyzed for but not detected.

S1+ : Surrogate recovery exceeds control limits, high biased

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TABLE 2.2.7.2
LEACHING POOL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample Location	Fire Training Facility								NYSDEC Guidance Values	
Sample ID	LP - 3				LP - 4	LP - 49 (duplicate of LP-4)		LP - 5	Unrestricted Use	Protection of Groundwater
Structure Type	Sanitary				Stormwater	Stormwater		Stormwater		
Sample Depth Below Grade (feet)	12	13-14	20-22	22-30	7	7		7		
Sample Date	9/22/2021	10/26/2022			9/22/2021					
Per and Polyfluoroalkyl Substances (PFAS) in micrograms per kilogram										
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<0.61 U	<0.051 U	<0.050 U	0.051 J	<0.65 U	<0.7 U	<0.63 U	-	-	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	5.23	0.034 J	0.049 J	<0.018 U	<0.65 U	<0.7 U	<0.63 U	-	-	
NEtFOSAA	<0.20 U	<0.023 U	<0.023 U	<0.023 U	<0.22 U	<0.23 U	<0.21 U	-	-	
NMeFOSAA	<0.20 U	<0.032 U	<0.032 U	<0.032 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorobutanesulfonic acid (PFBS)	<0.40 U	<0.37 U	<0.37 U	<0.37 U	<0.43 U	<0.47 U	<0.42 U	-	-	
Perfluorobutanoic acid (PFBA)	<0.81 U	<0.025 U	<0.025 U	<0.025 U	<0.87 U	<0.93 U	<0.84 U	-	-	
Perfluorodecanesulfonic acid (PFDS)	<0.20 U	<0.022 U	<0.022 U	<0.022 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorodecanoic acid (PFDA)	<0.20 U	<0.025 U	<0.025 U	<0.025 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorododecanoic acid (PFDoDA)	<0.20 U	<0.024 U	<0.024 U	<0.024 U	<0.22 U	0.41 J	0.22 J	-	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.20 U	<0.021 U	<0.021 U	<0.021 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluoroheptanoic acid (PFHpA)	<0.20 U	<0.025 U	0.034 J	0.070 J	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorohexanesulfonic acid (PFHxS)	<0.20 U	<0.020 U	<0.020 U	<0.020 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorohexanoic acid (PFHxA)	<0.20 U	<0.020 U	0.033 J	0.034 J	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorononanoic acid (PFNA)	0.37 J	0.027 J	<0.024 U	<0.024 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorooctanesulfonamide (FOSA)	<0.20 U	<0.022 U	<0.022 U	<0.022 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorooctanesulfonic acid (PFOS)	3.85	0.081 J	0.083 J	0.042 J	<0.22 U	<0.23 U	0.42 J	0.88	1.0	
Perfluorooctanoic acid (PFOA)	<0.20 U	0.048 J	0.092 J	0.22	<0.22 U	<0.23 U	<0.21 U	0.66	0.8	
Perfluoropentanoic acid (PFPeA)	<0.20 U	<0.025 U	<0.025 U	<0.025 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluorotetradecanoic acid (PFTeDA)	<0.20 U	<0.025 U	<0.025 U	<0.025 U	0.66	0.77	0.33 J	-	-	
Perfluorotridecanoic acid (PFTTrDA)	<0.20 U	<0.022 U	<0.022 U	<0.022 U	<0.22 U	0.40 J I	0.51 J	-	-	
Perfluoroundecanoic acid (PFUnDA)	<0.20 U	<0.058 U	<0.058 U	<0.058 U	<0.22 U	<0.23 U	<0.21 U	-	-	
Perfluoropentanesulfonic acid (PFPeS)	NA	<0.023 U	<0.023 U	<0.023 U	NA	NA	NA	-	-	
Perfluorononanesulfonic acid (PFNS)	NA	<0.023 U	<0.023 U	<0.023 U	NA	NA	NA	-	-	
Perfluorododecanesulfonic acid (PFDoS)	NA	<0.021 U	<0.021 U	<0.021 U	NA	NA	NA	-	-	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NA	<0.018 U	<0.017 U	<0.018 U	NA	NA	NA	-	-	
NMeFOSA	NA	<0.032 U	<0.032 U	<0.032 U	NA	NA	NA	-	-	
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NA	<0.026 U	<0.026 U	<0.026 U	NA	NA	NA	-	-	
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NA	<0.024 U	<0.024 U	<0.024 U	NA	NA	NA	-	-	
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NA	<0.021 U	<0.021 U	<0.021 U	NA	NA	NA	-	-	
HFPO-DA	NA	<0.21 U	<0.21 U	<0.21 U	NA	NA	NA	-	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NA	<0.023 U	<0.023 U	<0.023 U	NA	NA	NA	-	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	<0.024 U	<0.024 U	<0.024 U	NA	NA	NA	-	-	
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA	<0.023 U	<0.023 U	<0.023 U	NA	NA	NA	-	-	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	<0.025 U	<0.025 U	<0.025 U	NA	NA	NA	-	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	NA	<0.025 U	<0.025 U	<0.025 U	NA	NA	NA	-	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NA	<0.023 U	<0.023 U	<0.023 U	NA	NA	NA	-	-	
PFEESA	NA	<0.021 U	<0.021 U	<0.021 U	NA	NA	NA	-	-	
3:3 FTCA	NA	<0.021 U *	<0.021 U *	<0.021 U *	NA	NA	NA	-	-	
5:3 FTCA	NA	<0.020 U *	<0.020 U *	<0.020 U *	NA	NA	NA	-	-	
7:3 FTCA	NA	<0.016 U *	<0.016 U *	<0.017 U *	NA	NA	NA	-	-	

Notes:

BOLD yellow shaded values exceed NYSDEC Guidance Value for protection of groundwater

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

I : Value is estimated maximum possible concentration

U : Indicates the analyte was analyzed for but not detected.

- : No NYSDEC Guidance Value established.

NA- Not Analyzed

TABLE 2.2.7.2 (Continued)
LEACHING POOL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample Location	Fire Training Facility								NYSDEC PART 375.6 Soil Cleanup Objectives		SCDHS Action Levels
Sample ID	LP - 3		LP - 4		LP - 49 (duplicate of LP-4)		LP - 5		Unrestricted Use	Protection of Groundwater	
Structure Type	Sanitary		Stormwater		Stormwater		Stormwater				
Sample Depth Below Grade (feet)	18		7		7		7				
Sample Date	9/22/2021										
SCDHS Volatile Organic Compounds in milligrams per kilogram											
1,1,1,2-Tetrachloroethane	<0.00068	U	<0.00047	U	<0.00043	U	<0.00046	U	-	-	0.6
1,1,1-Trichloroethane	<0.00084	U	<0.00058	U	<0.00053	U	<0.00057	U	0.68	0.68	1.4
1,1,2,2-Tetrachloroethane	<0.00077	U	<0.00053	U	<0.00049	U	<0.00052	U F2	-	-	0.8
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0011	U	<0.00075	U	<0.00069	U	<0.00074	U	-	-	12
1,1,2-Trichloroethane	<0.00064	U	<0.00044	U	<0.00041	U	<0.00044	U	-	-	0.2
1,1-Dichloroethane	<0.00074	U	<0.00051	U	<0.00047	U	<0.0005	U	0.27	0.27	0.6
1,1-Dichloroethene	<0.00081	U	<0.00056	U	<0.00052	U	<0.00055	U	0.33	0.33	0.6
1,1-Dichloropropene	<0.00053	U	<0.00037	U	<0.00034	U	<0.00036	U	-	-	0.2
1,2,3-Trichlorobenzene	<0.00065	U	<0.00045	U	<0.00041	U	<0.00044	U F1	-	-	17
1,2,3-Trichloropropane	<0.00094	U	<0.00064	U	<0.0006	U	<0.00064	U	-	-	0.1
1,2,4,5-Tetramethylbenzene	<0.0012	U	<0.00082	U	<0.00076	U	<0.00081	U F1	-	-	18
1,2,4-Trichlorobenzene	<0.0013	U	<0.00089	U	<0.00082	U	<0.00088	U F1	-	-	17
1,2,4-Trimethylbenzene	<0.00089	U	<0.00061	U	<0.00056	U	<0.0006	U F1	3.6	3.6	7.2
1,2-Dibromo-3-Chloropropane	<0.0017	U	<0.0011	U	<0.0011	U	<0.0011	U F2	-	-	0.1
1,2-Dichlorobenzene	<0.0013	U	<0.00089	U	<0.00083	U	<0.00088	U F1	1.1	1.1	2.2
1,2-Dichloroethane	<0.0011	U	<0.00073	U	<0.00068	U	<0.00072	U	0.02	0.02	0.1
1,2-Dichloropropane	<0.0015	U	<0.001	U	<0.00097	U	<0.001	U	-	-	0.1
1,3,5-Trimethylbenzene	<0.0011	U	<0.00078	U	<0.00072	U	<0.00077	U F1	8.4	8.4	16.8
1,3-Dichlorobenzene	<0.0013	U	<0.0009	U	<0.00084	U	<0.00089	U F1	2.4	2.4	4.8
1,3-Dichloropropane	<0.0007	U	<0.00048	U	<0.00044	U	<0.00047	U	-	-	0.6
1,4-Dichlorobenzene	<0.00081	U	<0.00056	U	<0.00052	U	<0.00055	U F1	1.8	1.8	3.6
2,2-Dichloropropane	<0.0014	U	<0.00096	U	<0.00088	U	<0.00094	U	-	-	0.6
2-Butanone (MEK)	<0.0013	U	<0.00091	U	<0.00084	U	<0.0009	U	0.12	0.12	0.4
2-Chloroethyl vinyl ether	<0.0025	U	<0.0017	U	<0.0016	U	<0.0017	U F2	-	-	1
2-Chlorotoluene	<0.0013	U	<0.00089	U *	<0.00082	U	<0.00088	U F1	-	-	5.2
2-Hexanone	<0.0062	U	<0.0042	U	<0.0039	U	<0.0042	U	-	-	13
4-Chlorotoluene	<0.0014	U	<0.00096	U	<0.00089	U	<0.00095	U F1	-	-	5.2
4-Ethyltoluene	<0.0012	U	<0.00083	U	<0.00077	U	<0.00082	U F1	-	-	9
4-Isopropyltoluene	<0.0011	U	<0.00074	U	<0.00068	U	<0.00073	U F1	-	-	22
4-Methyl-2-pentanone (MIBK)	<0.0056	U	<0.0039	U	<0.0036	U	<0.0038	U	-	-	1.4
Acetone	<0.021	U	<0.014	U	<0.013	U	<0.014	U	0.05	0.05	-
Acrolein	<0.1	UJ	<0.069	UJ	<0.064	UJ	<0.068	UJ	-	-	0.1
Acrylonitrile	<0.018	U	<0.012	U	<0.011	U	<0.012	U F2	-	-	0.1
Allyl chloride	<0.00096	U	<0.00066	U	<0.00061	U	<0.00065	U	-	-	0.4
Benzene	<0.00093	U	<0.00064	U	<0.00059	U	<0.00063	U	0.06	0.06	0.12
Bromobenzene	<0.0013	U	<0.00089	U	<0.00083	U	<0.00088	U F1	-	-	2.8
Bromoform	<0.0015	U	<0.0011	U	<0.00097	U	<0.001	U	-	-	13
Bromomethane	<0.0036	U	<0.0025	U	<0.0023	U	<0.0024	U	-	-	-
Carbon disulfide	<0.00096	U	<0.00066	U	<0.00061	U	<0.00065	U	-	-	5.6
Carbon tetrachloride	<0.0014	U	<0.00096	U	<0.00089	U	<0.00095	U	0.76	0.76	1.6
Chlorobenzene	<0.00064	U	<0.00044	U	<0.00041	U	<0.00043	U	1.1	-	2.2
Chlorobromomethane	<0.001	U	<0.0007	U	<0.00064	U	<0.00069	U	-	-	0.4
Chlorodibromomethane	<0.0007	U	<0.00048	U	<0.00044	U	<0.00047	U	-	-	4.6
Chlorodifluoromethane	<0.00036	U	<0.00025	U	<0.00023	U	<0.00024	U	-	-	0.1
Chloroethane	<0.0019	U	<0.0013	U	<0.0012	U	<0.0013	U	-	-	0.4
Chloroform	<0.0035	U *	<0.0024	U	<0.0022	U *	<0.0024	U *	0.37	0.37	0.8
Chloromethane	<0.0016	U	<0.0011	U	<0.001	U	<0.0011	U F2	-	-	0.1
cis-1,2-Dichloroethene	<0.0013	U	<0.00089	U	<0.00082	U	<0.00088	U	0.25	0.25	0.5
cis-1,3-Dichloropropene	<0.00098	U	<0.00068	U	<0.00062	U	<0.00067	U	-	-	0.1
Dibromomethane	<0.0013	U	<0.00091	U	<0.00084	U	<0.0009	U	-	-	0.4
Dichlorobromomethane	<0.00093	U	<0.00064	U	<0.00059	U	<0.00063	U	-	-	6.2
Dichlorodifluoromethane	<0.0012	U	<0.00084	U	<0.00077	U	<0.00083	U	-	-	0.6
Ethyl ether	<0.0016	U	<0.0011	U	<0.001	U	<0.0011	U	-	-	0.6
Ethylbenzene	<0.00072	U	<0.00049	U	<0.00046	U	<0.00049	U F1	12	1	2
Ethylene Dibromide	<0.00065	U	<0.00045	U	<0.00041	U	<0.00044	U	-	-	0.6
Hexachlorobutadiene	<0.0013	U	<0.00091	U	<0.00084	U	<0.00089	U F1 F2	0.33	3.2	54
Hexane	<0.0015	U	<0.001	U	<0.00092	U	<0.00099	U	-	-	150
Isopropylbenzene	<0.001	U	<0.00071	U	<0.00065	U	<0.0007	U F1	-	-	9.4
Methyl methacrylate	<0.0019	U	<0.0013	U	<0.0012	U	<0.0013	U F1 F2	-	-	1.4
Methyl tert-butyl ether	<0.0018	U	<0.0013	U	<0.0012	U	<0.0013	U	0.93	0.93	0.2
Methylene Chloride	<0.0041	U	<0.0028	U	<0.0026	U	<0.0028	U	0.05	0.05	0.1
Naphthalene	<0.0015	U	<0.001	U	<0.00094	U	<0.001	U F1	12	12	24
n-Butyl acetate	<0.0033	U	<0.0023	U *	<0.0021	U	<0.0023	U F1 F2	-	-	20
n-Butylbenzene	<0.0011	U	<0.00073	U *	<0.00067	U	<0.00072	U F1	12	12	12
N-Propylbenzene	<0.00063	U	<0.00043	U *	<0.0004	U	<0.00043	U F1	3.9	3.9	8
p-Diethylbenzene	<0.0012	U	<0.0008	U	<0.00074	U	<0.00079	U F1	-	-	52
sec-Butylbenzene	<0.001	U	<0.00071	U *	<0.00066	U	<0.0007	U F1	11	11	12
Styrene	<0.001	U	<0.00069	U	<0.00064	U	<0.00068	U F1	-	-	9.2
Tert-amyl methyl ether	<0.002	U	<0.0014	U	<0.0013	U	<0.0014	U	-	-	4
Tert-butyl ethyl ether	<0.005	U	<0.0035	U	<0.0032	U	<0.0034	U	-	-	4
tert-Butylbenzene	<0.00099	U	<0.00068	U	<0.00063	U	<0.00067	U F1 F2	5.9	5.9	12
Tetrachloroethene	<0.0011	U	<0.00076	U	<0.0007	U	<0.00075	U F1	1.3	1.3	2.6
Tetrahydrofuran	<0.0036	U	<0.0025	U	<0.0023	U	<0.0024	U	-	-	2.2
Toluene	<0.00084	U	<0.00058	U	<0.00054	U	<0.00057	U	0.7	0.7	3
trans-1,2-Dichloroethene	<0.00089	U	<0.00061	U	<0.00056	U	<0.0006	U	0.19	0.19	0.4
trans-1,3-Dichloropropene	<0.00096	U	<0.00066	U	<0.00061	U	<0.00065	U	-	-	0.1
Trichloroethene	<0.0012	U	<0.0008	U	<0.00073	U	<0.00078	U F1	0.47	0.47	1
Trichlorofluoromethane	<0.0015	U	<0.001	U	<0.00093	U	<0.00099	U F1 F2	-	-	1.6
Vinyl acetate	<0.0034	U	<0.0024	U	<0.0022	U	<0.0023	U F1	-	-	0.6
Vinyl chloride	<0.002	U	<0.0014	U	<0.0012	U	<0.0013	U F2	0.02	0.02	0.1
Xylenes, Total	<0.0023	U	<0.0016	U	<0.0015	U	<0.0016	U F1	0.26	1.6	3.2
Total Estimated Conc. (TICs)	*T		*T		*T		*T		-	-	-

Notes:

SCDHS: Suffolk County Department of Health Services

TIC: Tentatively-Identified Compound

*T There are no TICs reported for the sample

* : LCS and/or LCSD is outside acceptance limits, low biased.

- No NYSDEC Soil Cleanup Objective or SCDHS Action Level established.

*+ : LCS and/or LCSD is outside acceptance limits, high biased.

F1 : MS and/or MSD recovery exceeds control limits.

F2 : MS/MSD RPD exceeds control limits

U : Indicates the analyte was analyzed for but not detected.

TABLE 2.2.7.2 (Continued)
LEACHING POOL CHEMICAL ANALYTICAL DATA
FIRE TRAINING FACILITY
EAST HAMPTON AIRPORT SITE - NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample Location	Fire Training Facility					NYSDEC PART 375.6 Soil Cleanup Objectives			SCDHS Action Levels
Sample ID	LP - 3	LP - 4	LP - 49 (duplicate of LP-4)	LP - 5	Unrestricted Use	Protection of Groundwater			
Structure Type	Sanitary	Stormwater	Stormwater	Stormwater					
Sample Depth Below Grade (feet)	18	7	7	7					
Sample Date	9/22/2021								
SCDHS Semivolatile Organic Compounds in milligrams per kilogram									
Acenaphthene	<0.0099 U	<0.01 U	<0.012 U	<0.011 U	U	20	98	200	
Anthracene	<0.011 U	<0.011 U	<0.012 U	<0.011 U	U F1	100	1,000	200	
Benzo[a]anthracene	<0.012 U	0.016 J	0.023 J	0.018 J	J F1	1	1	2	
Benzo[a]pyrene	<0.0093 U	0.019 J	0.027 J	0.027 J	J F1	1	22	400	
Benzo[b]fluoranthene	<0.009 U	0.044 J	0.051 J	0.041 J	F1	1	1.7	3.4	
Benzo[g,h,i]perylene	<0.01 U	0.016 J	0.018 J	<0.011 U	U F1	100	1,000	200	
Benzo[k]fluoranthene	<0.0068 U	0.015 J	0.017 J	0.013 J	J F1	0.8	1.7	3.4	
Chrysene	<0.0059 U	0.027 J	0.039 J	0.031 J	J F1	1	1	2	
Dibenz(a,h)anthracene	<0.015 U	<0.016 U	<0.018 U	<0.016 U	U F1	0.33	1,000	200	
Fluoranthene	<0.012 U	0.035 J	0.054 J	0.041 J	J F1	100	1,000	200	
Fluorene	<0.0047 U	<0.005 U	<0.0055 U	<0.005 U	U F1	30	386	200	
Hexachloroethane	<0.012 U	<0.013 U	<0.014 U	<0.013 U	U F1	-	-	22	
Indeno[1,2,3-cd]pyrene	<0.014 U	0.017 J	0.019 J	0.025 J	J F1	0.5	8.2	16	
n-Decane	<0.019 U	<0.02 U	<0.022 U	<0.021 U	U	-	-	200	
Phenanthrene	<0.0061 U	<0.0064 U	0.021 J	0.015 J	J F1	100	1,000	200	
Pyrene	<0.0087 U	0.028 J	0.044 J	0.029 J	J F1	100	1,000	200	
SCDHS Metals in milligrams per kilogram									
Arsenic	0.54 J	3.0 J	1.3 J	0.97 J	J	13	16	30	
Barium	2.3 J	3.7 J	3.5 J	4.1 J	J	250	820	4,000	
Beryllium	<0.058 U	0.11 J	0.10 J	0.080 J	J	7.2	47	240	
Cadmium	<0.11 U	<0.12 U	<0.13 U	<0.12 U	U	2.5	7.5	40	
Chromium	1.5 J	5.7 J	2.3 J	3.6 J	J	30	19	100	
Copper	0.95 J	5.7 J	3.6 J	4.9 J	F1	50	1,720	8,500	
Lead	0.83 J	3.5 J	2.1 J	5.8 J	F1	63	450	2,000	
Mercury	0.0081 U	0.0087 U	0.0092 U	0.0094 J	J	0.18	0.73	3.7	
Nickel	0.70 J	4.8 J	2.3 J	3.2 J	J	30	130	650	
Silver	<0.09 U	<0.094 U	<0.10 U	<0.094 U	U	2	8.3	50	

Notes:

J : Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit; the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

- No NYSDEC Soil Cleanup Objective established.

F1 : MS and/or MSD recovery exceeds control limits.

SDG: 460-243503-1

TABLE 2.2.7.3
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - FIRE TRAINING FACILITY
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P23						P24								NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	P224 Duplicate (15- 20)	25-30	35-40	45-50	55-60		
Sample Date	1/23/2023						1/20/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter															
Perfluorobutanoic acid (PFBA)	<1.67 U	1.82 J	1.78 J	1.67 U	15.9	<1.69 U	9.42	10.6	10.6	<1.67 U	<1.71 U	<1.68 U	<1.68 U	-	
Perfluoropentanoic acid (PFPA)	0.69 J	2.09	1.67 J	1.30 J	47.6	0.46 J	29.8	30.3	31.2	1.28 J	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorohexanoic acid (PFHxA)	0.88 J	2.05	1.89	1.09 J	29.0	<0.76 U	27.9	26.8	27.5	1.06 J	<0.77 U	<0.76 U	<0.75 U	-	
Perfluoroheptanoic acid (PFHpA)	0.98 J	1.82	1.69 J	0.70 J	15.9	<0.42 U	29.2	26.8	29.2	0.51 J	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorooctanoic acid (PFOA)	0.89 J	2.64	2.50	0.87 J	<0.42 U	<0.42 U	22.8	20.6	21.4	1.0 J	<0.43 U	<0.42 U	<0.42 U	6.7	
Perfluorononanoic acid (PFNA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	0.82 J	11.0	11.2	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorodecanoic acid (PFDA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	1.73	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	0.44 J	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorododecanoic acid (PFDoA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.42 U	0.98 J	0.82 J	0.53 J	<0.42 U	<0.42 U	1.50 J	4.95	4.95	1.51 J	2.35	<0.42 U	<0.42 U	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	0.78 J	6.06	6.47	1.35 J	2.39	<0.42 U	<0.42 U	-	
Perfluorohexanesulfonic acid (PFHxS)	0.67 J	2.49	0.68 J	3.17	<0.42 U	<0.42 U	17.1	36.9	38.5	5.91	12.6	<0.42 U	<0.42 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	3.38	3.58	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.83 U	<0.84 U	0.86 J	<0.84 U	<0.83 U	<0.84 U	2.12	118	123	<0.84 U	<0.85 U	<0.84 U	<0.84 U	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.50 U	<3.53 U	<3.56 U	<3.52 U	<3.50 U	<3.55 U	<3.56 U	<3.49 U	<3.48 U	<3.51 U	<3.58 U	<3.53 U	<3.52 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	3.08	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
Perfluorooctanesulfonamide (FOSA)	<0.58 U	2.77	3.26	2.14	1.63 J	1.19 J	1.36 J	2.20	2.24	1.52 J	1.39 J	1.27 J	<0.59 U	-	
NMeFOSA	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
NMeFOSAA	<0.50 U	<0.50 U	<0.51 U	<0.50 U	<0.50 U	<0.51 U	<0.51 U	<0.50 U	<0.50 U	<0.50 U	<0.51 U	<0.50 U	<0.50 U	-	
NEtFOSAA	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
HFPO-DA	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.83 U	<0.84 U	<0.85 U	<0.83 U	<0.83 U	<0.84 U	<0.85 U	<0.84 U	<0.84 U	-	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	<0.43 U	<0.42 U	<0.42 U	-	
PFEESA	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
3:3 FTCA	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.25 U	-	
5:3 FTCA	<0.24 UJ	<0.24 UJ	<0.24 UJ	<0.24 UJ	<0.24 UJ	<0.24 UJ	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
7:3 FTCA	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.25 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

*- : LCS and/or LCSD is outside acceptance limits, low biased.

*1 : LCS/LCSD RPD exceeds control limits.

B : Compound was found in the blank and sample.

SDG: 460-272646 (P18); SDG: 460-273350 (P23 & P24)

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWC

TABLE 2.2.7.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - FIRE TRAINING FACILITY
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P25						P27						NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	35-40	45-50	55-60	0-5	15-20	25-30	35-40	45-50	55-60	
Sample Date	1/19/2023						1/9/2023						
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter													
Perfluorobutanoic acid (PFBA)	26.4	<1.82 U	<1.81 U	<1.88 U	<1.84 U	<1.85 U	<1.68 U	2.56 J	<1.74 U	2.84 J	16.8	<1.70 U	-
Perfluoropentanoic acid (PFPA)	58.3	0.80 J	1.04 J	<0.47 U	<0.46 U	<0.46 U	1.36 J	2.41	1.50 J	8.29	49.4	0.46 J	-
Perfluorohexanoic acid (PFHxA)	78.9	0.87 J	1.87	<0.85 U	<0.83 U	<0.83 U	1.41 J	2.89	2.14	6.59	31.7	<0.77 U	-
Perfluoroheptanoic acid (PFHpA)	79.3	<0.46 U	1.43 J	<0.47 U	<0.46 U	<0.46 U	1.39 J	2.67	1.53 J	3.95	13.5	<0.43 U	-
Perfluorooctanoic acid (PFOA)	16.3	0.64 J	<0.45 U	0.55 J	<0.46 U	<0.46 U	1.15 J	4.04	2.25	<0.42 U	<0.43 U	<0.43 U	6.7
Perfluorononanoic acid (PFNA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorodecanoic acid (PFDA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluoroundecanoic acid (PFUnA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorododecanoic acid (PFDoA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorotridecanoic acid (PFTriA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorotetradecanoic acid (PFTeA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorobutanesulfonic acid (PFBS)	5.82	0.55 J	0.80 J	5.33	<0.46 U	<0.46 U	0.80 J	0.90 J	0.70 J	0.57 J	<0.43 U	<0.43 U	-
Perfluoropentanesulfonic acid (PFPeS)	18.2	<0.46 U	0.65 J	1.12 J	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	0.42 J	<0.43 U	<0.43 U	-
Perfluorohexanesulfonic acid (PFHxS)	222	1.83	4.83	8.88	<0.46 U	<0.46 U	0.93 J	1.13 J	0.53 J	2.42	<0.43 U	0.48 J	-
Perfluoroheptanesulfonic acid (PFHpS)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorooctanesulfonic acid (PFOS)	1.29 J	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	1.12 J	<0.87 U	<0.85 U	<0.87 U	<0.85 U	2.7
Perfluorononanesulfonic acid (PFNS)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorodecanesulfonic acid (PFDS)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluorododecanesulfonic acid (PFDoS)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.87 U	<3.83 U	<3.80 U	<3.95 U	<3.86 U	<3.88 U	<3.52 U	<3.57 U	<3.65 U	<3.56 U	<3.63 U	<3.57 U	-
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
Perfluorooctanesulfonamide (FOSA)	1.99	1.58 J	1.17 J	2.13	1.51 J	0.89 J	<0.59 U	1.35 J	0.66 J	<0.59 U	<0.61 U	<0.60 U	-
NMeFOSA	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
NMeFOSAA	<0.55 U	<0.55 U	<0.54 U	<0.56 U	<0.55 U	<0.55 U	<0.50 U	<0.51 U	<0.52 U	<0.51 U	<0.52 U	<0.51 U	-
NEtFOSAA	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
HFPO-DA	<0.92 U	<0.91 U	<0.91 U	<0.94 U	<0.92 U	<0.92 U	<0.84 U	<0.85 U	<0.87 U	<0.85 U	<0.87 U	<0.85 U	-
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-
Perfluoro 4-methoxybutanoic acid (PFMBA)	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.46 U	<0.46 U	<0.45 U	<0.47 U	<0.46 U	<0.46 U	<0.42 U	<0.43 U	<0.43 U	<0.42 U	<0.43 U	<0.43 U	-
PFEESA	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-
3:3 FTCA	<0.28 U	<0.27 U	<0.27 U	<0.28 U	<0.28 U	<0.28 U	<0.25 U	<0.26 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U	-
5:3 FTCA	<0.30 UJ*-	<0.30 UJ*-	<0.30 UJ*-	<0.30 UJ*-	<0.30 UJ*-	<0.30 UJ*-	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-
7:3 FTCA	<0.28 U	<0.27 U	<0.27 U	<0.28 U	<0.28 U	<0.28 U	<0.25 U	<0.26 U	<0.26 U	<0.25 U	<0.26 U*-	<0.26 U	-

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

*- : LCS and/or LCSD is outside acceptance limits, low biased.

*1 : LCS/LCSD RPD exceeds control limits.

B : Compound was found in the blank and sample.

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J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Red boxed values exceed USEPA proposed HBWC

TABLE 2.2.7.3 (Continued)
GROUNDWATER VERTICAL PROFILE ANALYTICAL DATA
EAST HAMPTON AIRPORT SITE - FIRE TRAINING FACILITY
NYSDEC SITE NO. 152250
200 DANIELS HOLE ROAD, WAINSCOTT, NEW YORK

Sample ID	P40								NYSDEC Guidance Values
Sample Depth Below Water Table (feet)	0-5	15-20	25-30	duplicate P409 25-20	35-40	45-50	55-60		
Sample Date	1/10/2023								
Per and Polyfluoroalkyl Substances (PFAS) in nanograms per liter									
Perfluorobutanoic acid (PFBA)	<1.72 U	<1.75 U	5.86	5.90	3.16 J	<1.66 U	<1.69 U	-	
Perfluoropentanoic acid (PFPA)	<0.43 U	<0.44 U	13.0	12.5	7.64	<0.41 U	<0.42 U	-	
Perfluorohexanoic acid (PFHxA)	<0.77 U	<0.79 U	8.68	8.46	6.90	<0.75 U	<0.76 U	-	
Perfluoroheptanoic acid (PFHpA)	<0.43 U	<0.44 U	4.36	4.54	6.36	<0.41 U	<0.42 U	-	
Perfluorooctanoic acid (PFOA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	0.70 J	<0.41 U	<0.42 U	6.7	
Perfluorononanoic acid (PFNA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorodecanoic acid (PFDA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluoroundecanoic acid (PFUnA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorododecanoic acid (PFDoA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorotridecanoic acid (PFTriA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	0.41 U	<0.42 U	-	
Perfluorotetradecanoic acid (PFTeA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorobutanesulfonic acid (PFBS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluoropentanesulfonic acid (PFPeS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorohexanesulfonic acid (PFHxS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	0.54 J	<0.42 U	-	
Perfluoroheptanesulfonic acid (PFHpS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorooctanesulfonic acid (PFOS)	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	1.01 J B	2.7	
Perfluorononanesulfonic acid (PFNS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorodecanesulfonic acid (PFDS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluorododecanesulfonic acid (PFDoS)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	<3.61 U	<3.68 U	<3.61 U	<3.52 U	<3.55 U	<3.48 U	<3.54 U	-	
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
Perfluorooctanesulfonamide (FOSA)	0.80 J	0.74 J	0.86 J	0.72 J	0.91 J	<0.58 U	<0.59 U	-	
NMeFOSA	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
N-ethylperfluoro-1-octanesulfonamide (NEtFOSA)	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
NMeFOSAA	<0.52 U	<0.53 U	<0.52 U	<0.50 U	<0.51 U	<0.50 U	<0.51 U	-	
NEtFOSAA	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
2-(N-methylperfluoro-1-octanesulfonamido) ethanol (NMeFOSE)	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol (NeTFOSE)	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
HFPO-DA	<0.86 U	<0.88 U	<0.86 U	<0.84 U	<0.85 U	<0.83 U	<0.84 U	-	
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.43 U	<0.44 U	<0.43 U	<0.42 U	<0.42 U	<0.41 U	<0.42 U	-	
PFEESA	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	-	
3:3 FTCA	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	-	
5:3 FTCA	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	-	
7:3 FTCA	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	-	

Notes:

BOLD Yellow-shaded values exceed NYSDEC Guidance Value

- No NYSDEC Guidance Value established

*- : LCS and/or LCSD is outside acceptance limits, low biased.

*1 : LCS/LCSD RPD exceeds control limits.

B : Compound was found in the blank and sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

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ATTACHMENT C

PROPOSED PHASE III RI SCOPE OF WORK

TABLE 1
PHASE III ONSITE REMEDIAL INVESTIGATION AND OFFSITE DELINEATION RATIONALE
EAST HAMPTON AIRPORT SITE
WAINSCOTT, NEW YORK

Area	Proposed Locations	Proposed Screen Intervals* (feet below the water table)	Rationale
Groundwater Monitoring Wells			
North Field Area - 1995 plane crash and 2008 mass casualty drill.	MW-100 at P3 location	0 to 10, 15 to 20, 55 to 60	P3 is in the apparent center of the PFAS-impacted groundwater in the reported release areas. The MW-100 intervals are selected to monitor water quality at the water table, the most impacted interval, and the deepest interval with PFOA/PFOS above guidance. The range in depths will also permit determination of the vertical hydraulic gradient.
Airport Parking Lot - 1997 mass casualty drill	MW-101 at P9 location and MW-102 at P12 location	MW-101: 45 to 50, 75 to 80, 95 to 100 MW-102: 0 to 10, 45 to 50, 85 to 90	P9 and P12 are in the apparent center of the impacted groundwater upgradient and downgradient of the parking lot area. The intervals are selected to monitor water quality at the water table (P12), the most impacted intervals, the deepest interval with PFOA/PFOS above guidance (P9), and the interval below the deepest impact (P12). The range in depths will also permit determination of the vertical hydraulic gradient.
North Field/Airport Parking Lot Plume Onsite Downgradient Area	MW-103 at P17A location	MW-103: 0 to 10, 55 to 60, 85 to 90	P17A is in the apparent center of the impacted groundwater downgradient of the PFAS plume. The intervals are selected to monitor water quality at the water table, the most impacted interval, and the deepest interval with PFOA/PFOS above guidance. The range in depths will also permit determination of the vertical hydraulic gradient.
EHFD Airport Substation (ARFF)	MW-104 at P34 location and MW-105 at P29 location	MW-104: 0 to 10, 45 to 50 MW-105: 0 to 10, 45 to 50, 65 to 70	P34 is in the apparent center of the impacted groundwater immediately downgradient of the apparent release areas (based on soil data), and P29 is further downgradient. The intervals are selected to monitor water quality at the water table, the interval with the greatest impact (P29), the deepest interval with PFOA/PFOS above guidance (P34), and the interval below the significant impacts (P29). The range in depths will also permit determination of the vertical hydraulic gradient.
EHFD Training Facility	MW-106 at P24 location	MW-106: 0 to 10, 15 to 20, 35 to 40	P24 is in the apparent center of the impacted groundwater immediately downgradient of the apparent release area. The intervals are selected to monitor water quality at the water table, the most impacted interval, and the one interval below the significant impacts. The range in depths will also permit determination of the vertical hydraulic gradient.
Downgradient of EHFD Training Facility	MW-200 at east end of Broadwood Court	MW-200: 0 to 10, 15 to 20, 35 to 40	MW-200 is proposed approximately 550 feet southeast of P24 to evaluate/delineate groundwater conditions downgradient of the Fire Training Facility PFAS plume. The intervals are selected to monitor water quality at the water table, the most impacted interval, and one interval below the significant impacts in P24. The range in depths will also permit determination of the vertical hydraulic gradient.
Groundwater Vertical Profiles			
Offsite downgradient of P29 profile location, at west end of Broadwood Court	OP-1	15 to 20, 25 to 30, 35 to 40, 45 to 50, 55 to 60, 65 to 70	About 500 feet downgradient of P29 to evaluate/delineate groundwater conditions downgradient of the ARFF Station PFAS plume. The intervals are selected to evaluate groundwater quality from the shallowest interval at P29 with PFAS exceedances to just below the deepest PFAS exceedance.
Offsite downgradient of P17A profile location, as east end of ARF access drive	OP-2	0 to 5, 15 to 20, 25 to 30, 35 to 40, 45 to 50, 55 to 60, 65 to 70, 75 to 80, 85 to 90	About 600 feet downgradient of P17A to evaluate/delineate groundwater conditions downgradient of the North Field/Airport Parking Lot PFAS plume. The intervals are selected to evaluate groundwater quality from the water table to just below the deepest significant impact identified at P17A.
Offsite downgradient of July 7, 1988 plane crash site on LIRR tracks.	OP-3	0 to 5, 15 to 20, 25 to 30, 35 to 40, 45 to 50, 55 to 60, 65 to 70, 75 to 80, 85 to 90	About 300 feet downgradient of July 1, 1988 plane crash with AFFF use. The intervals are selected to monitor water quality at the water table and several deeper intervals, consistent with data from upgradient vertical profiles.
Just NE of north end of former Runway 4	P43	0 to 5, 15 to 20, 25 to 30, 35 to 40, 45 to 50, 55 to 60	Area of November 29, 1998 plane crash with likely AFFF use. The intervals are selected to monitor water quality at the water table and several deeper intervals, consistent with prior vertical profiles.
Soil Sampling			
Area	Proposed Locations	Proposed Depths (feet below grade)	Rationale
Airport fuel farm area	B81	0 to 0.5 and 1 to 2 feet	Evaluation of potential PFAS presence in fuel farm area
SAS sanitary system	LP-7	0 to 0.5 feet	Evaluation of potential PFAS presence in hangar sanitary system

Note: * Proposed well screen intervals are based on the existing Phase II vertical profile results. A soil boring will be performed prior to well installation and the actual screen intervals will be selected based on lithology so as to avoid placing a screen across fine-grained units that may be barriers to groundwater flow.