

Three and a half years ago, the Town voted in favor of a resolution granting South Fork Wind<sup>1</sup> an easement. The resolution misled residents into believing that a “full environmental review will be undertaken as part of the Public Service Commission” proceeding that included an “in-depth environmental and economic analysis.”<sup>2</sup>

The environmental review did not include testing soil or groundwater from South Fork Wind’s proposed construction corridor for *any* potential contaminants, including PFAS contamination. South Fork Wind refused to conduct such tests for three years until the Public Service Commission closed its evidentiary record, avoiding regulatory oversight and public scrutiny.<sup>3</sup>

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<sup>1</sup> South Fork Wind LLC (formerly Deepwater Wind South Fork LLC)

<sup>2</sup> Town Board Resolution 2018-888, dated July 19, 2018 (attached).

<sup>3</sup> South Fork Wind commenced testing its four-mile-long construction site on December 22, 2020, two weeks *after* the evidentiary record had closed on December 8, 2020.



Wells EH-19A, EH-19B1 and EH-1  
 PFAS contamination data provided by New York State Department of Environmental Conservation ("DEC"):  
 Site Characterization Report, East Hampton Airport (dated November 30, 2018).

**Fig. 3**

Sample:	<b>WSG-MW-6-10-0</b>
Date:	<b>11/6/2019</b>
Depth (ft):	<b>6</b>
Perfluorobutanesulfonic Acid (PFBS)	2.5
Perfluorodecanoic Acid (PFDA)	92.3
Perfluoroheptanoic Acid (PFHpA)	50
Perfluorohexanesulfonic Acid	58.9 B
Perfluorohexanoic Acid (PFHxA)	61.1
Perfluorononanoic Acid (PFNA)	<b>2850</b>
Perfluorotridcanoic Acid (PFTriA)	1.49 J
Perfluoroundecanoic Acid (PFUnA)	<b>333</b>
Perfluorooctane Sulfonic Acid (PFOS)	<b>151</b>
Perfluorooctanoic acid (PFOA)	<b>26.1</b>
<b>Total PFOA and PFOS</b>	<b>177.1</b>
<b>Total PFAS</b>	<b>3626.39</b>

EH-19A		
Analytes	Concentration (ng/g)	
<b>PFOS</b> <b>3,900 ppt</b>	5/4/2018	
	0-1'	31-32'
Perfluorooctane sulfonic acid (PFOS)	3.9	.18 U
Perfluorooctanoic acid (PFOA)	.18 U	.19 U

EH-19B1		
Analytes	Concentration (ng/g)	
<b>PFOS - 12,000 ppt</b> <b>PFHxS - 3,800 ppt</b> <b>PFOA - 3,800 ppt</b>	8/9/2018	
	0-1'	
Perfluorooctane sulfonic acid (PFOS)	12	
Perfluorooctanoic acid (PFOA)	3.8	

EH-1		
Analytes	Concentration (ng/g)	
<b>PFOS - 10,000 ppt</b> <b>PFHxS - 730 ppt</b> <b>PFOA - 160 ppt</b>	5/1/2018	
	0-1'	32-33'
Perfluorooctane sulfonic acid (PFOS)	10	.19 J
Perfluorooctanoic acid (PFOA)	.18 U	.18 U

Sample:	<b>WSG-MW5-13-0</b>
Date:	<b>11/7/2019</b>
Depth (ft):	<b>13</b>
Perfluorobutanesulfonic Acid (PFBS)	4.58
Perfluoroheptanoic Acid (PFHpA)	2.95
Perfluorohexanesulfonic Acid	<b>566 B</b>
Perfluorohexanoic Acid (PFHxA)	12
Perfluorononanoic Acid (PFNA)	1.64 J
Perfluorooctane Sulfonic Acid (PFOS)	<b>877</b>
Perfluorooctanoic acid (PFOA)	<b>69.4</b>
<b>Total PFOA and PFOS</b>	<b>946.4</b>
<b>Total PFAS</b>	<b>1533.57</b>

Sample:	<b>WSG-MW3-10-0</b>
Date:	<b>11/7/2019</b>
Depth (ft):	<b>10</b>
Perfluorobutanesulfonic Acid (PFBS)	3.66
Perfluoroheptanoic Acid (PFHpA)	2.27
Perfluorohexanesulfonic Acid	<b>306 B</b>
Perfluorohexanoic Acid (PFHxA)	9.53
Perfluorononanoic Acid (PFNA)	2.2
Perfluorooctane Sulfonic Acid (PFOS)	<b>1010</b>
Perfluorooctanoic acid (PFOA)	<b>27.5</b>
<b>Total PFOA and PFOS</b>	<b>1037.5</b>
<b>Total PFAS</b>	<b>1361.16</b>

Sample:	<b>WSG-MW4-10-0</b>
Date:	<b>11/7/2019</b>
Depth (ft):	<b>10</b>
Perfluorobutanesulfonic Acid (PFBS)	2.11
Perfluoroheptanoic Acid (PFHpA)	1.09 J
Perfluorohexanesulfonic Acid	43.4 B
Perfluorohexanoic Acid (PFHxA)	5.06
Perfluorononanoic Acid (PFNA)	0.8 J
Perfluorooctane Sulfonic Acid (PFOS)	<b>232</b>
Perfluorooctanoic acid (PFOA)	5.57
<b>Total PFOA and PFOS</b>	<b>237.57</b>
<b>Total PFAS</b>	290.03

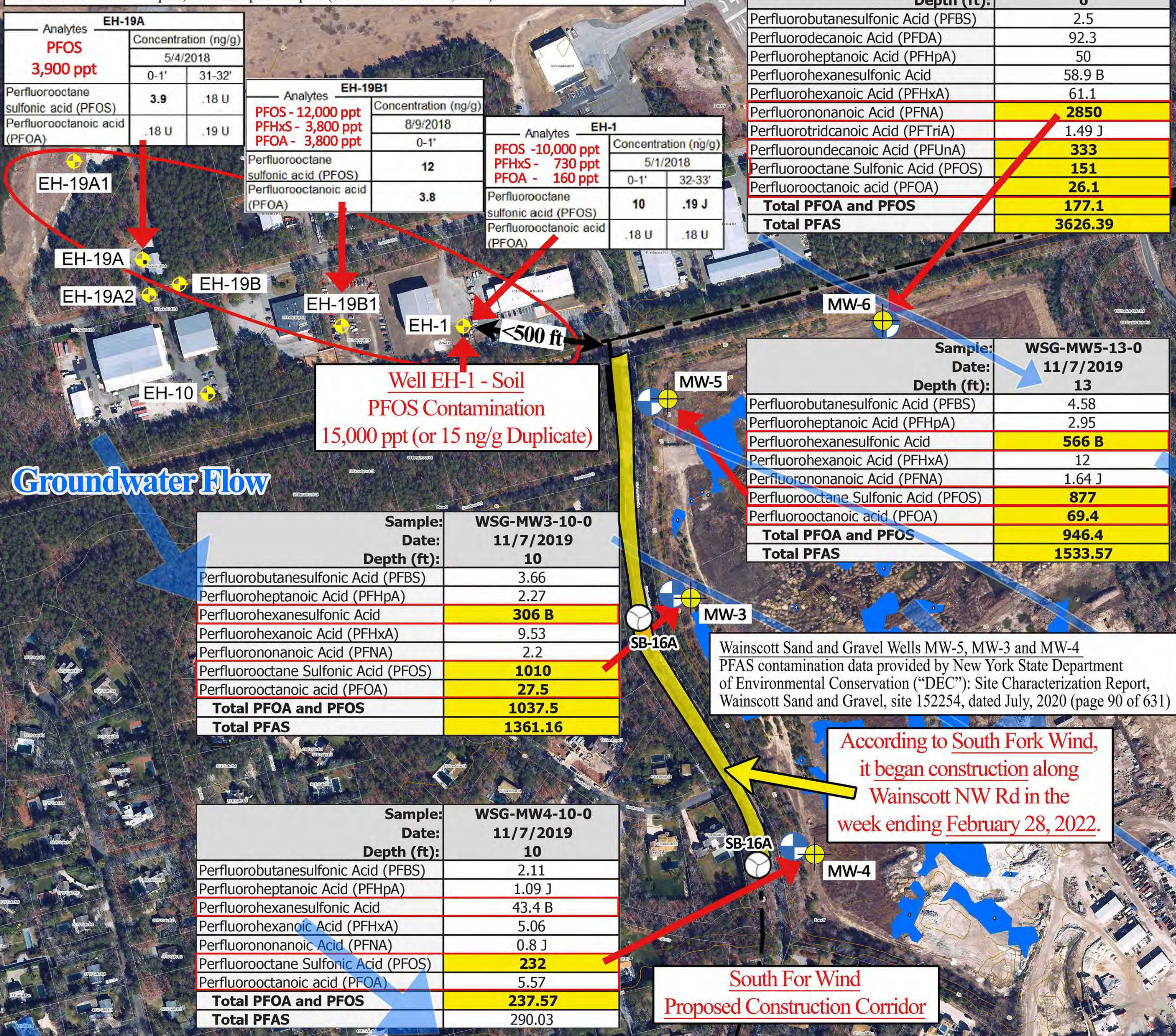
**Well EH-1 - Soil  
 PFOS Contamination  
 15,000 ppt (or 15 ng/g Duplicate)**

Wainscott Sand and Gravel Wells MW-5, MW-3 and MW-4  
 PFAS contamination data provided by New York State Department  
 of Environmental Conservation ("DEC"): Site Characterization Report,  
 Wainscott Sand and Gravel, site 152254, dated July, 2020 (page 90 of 631)

**According to South Fork Wind,  
 it began construction along  
 Wainscott NW Rd in the  
 week ending February 28, 2022.**

**South For Wind  
 Proposed Construction Corridor**

**Groundwater Flow**





Wells EH-19A, EH-19B1 and EH-1  
 PFAS contamination data provided by New York State Department of Environmental Conservation ("DEC"): Site Characterization Report, East Hampton Airport (dated November 30, 2018).

**Fig. 2**

<b>Sample:</b>	<b>WSG-MW-6-10-0</b>
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Perfluorodecanoic Acid (PFDA)	92.3
Perfluoroheptanoic Acid (PFHpA)	50
Perfluorohexanesulfonic Acid	58.9 B
Perfluorohexanoic Acid (PFHxA)	61.1
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Analytes	Concentration (ng/g)	
<b>PFOS - 12,000 ppt</b> <b>PFHxS - 3,800 ppt</b> <b>PFOA - 3,800 ppt</b>	8/9/2018	
	0-1'	
Perfluorooctane sulfonic acid (PFOS)	12	
Perfluorooctanoic acid (PFOA)	3.8	

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Analytes	Concentration (ng/g)	
<b>PFOS - 10,000 ppt</b> <b>PFHxS - 730 ppt</b> <b>PFOA - 160 ppt</b>	5/1/2018	
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<b>Total PFAS</b>	<b>1361.16</b>

<b>Sample:</b>	<b>WSG-MW4-10-0</b>
<b>Date:</b>	<b>11/7/2019</b>
<b>Depth (ft):</b>	<b>10</b>
Perfluorobutanesulfonic Acid (PFBS)	2.11
Perfluoroheptanoic Acid (PFHpA)	1.09 J
Perfluorohexanesulfonic Acid	43.4 B
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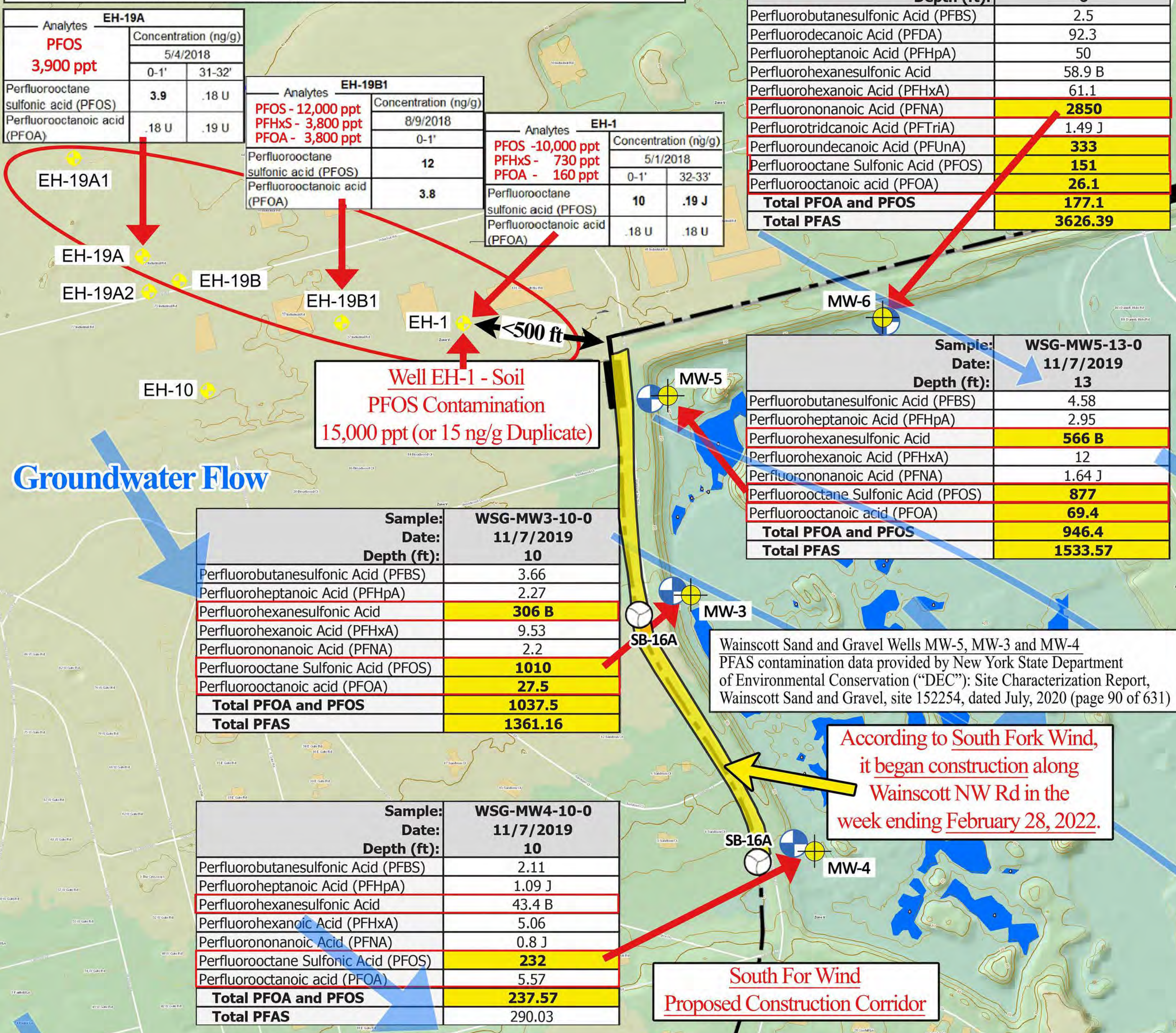
**Well EH-1 - Soil  
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 15,000 ppt (or 15 ng/g Duplicate)**

Wainscott Sand and Gravel Wells MW-5, MW-3 and MW-4  
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**South For Wind  
 Proposed Construction Corridor**

**Groundwater Flow**





**DEC EH-19A**

(surface soil: 0 - 12 inches)

PFOA 180 ppt (0.18 ng/g)  
 PFOS 3,900 ppt (3.90 ng/g)  
 PFHxS 170 ppt (0.17 ng/g)

\* Sampled May 4, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

**EH-19A****DEC EH-19B1**

(surface soil: 0 - 12 inches)

PFOA 3,800 ppt (3.80 ng/g)  
 PFOS 12,000 ppt (12.0 ng/g)  
 PFHxS 3,800 ppt (3.80 ng/g)

\* Sampled August 9, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

**EH-19B1****DEC EH-1**

(surface soil: 0 - 12 inches)

PFOA 180 ppt (0.18 ng/g)  
 PFOS 10,000 ppt (10.0 ng/g)  
 PFHxS 730 ppt (0.78 ng/g)

\* Sampled May 1, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

**EH-1****Primary Source of Contamination****DEC EH-19A2**

(groundwater: 36.7 fbg)

PFOA 34 ppt (ng/L)  
 PFOS 140 ppt (ng/L)  
 PFHxS 240 ppt (ng/L)

\* Sampled August 10, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

**DEC EH-19B**

(groundwater: 33.9 fbg)

PFOA 89 ppt (ng/L)  
 PFOS 77 ppt (ng/L)  
 PFHxS 750 ppt (ng/L)

\* Sampled May 8, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

**EH-1****DEC EH-1**

(groundwater: 30.4 fbg)

PFOA 160 ppt (ng/L)  
 PFOS 1.8 ppt (ng/L)  
 PFHxS 730 ppt (ng/L)

\* Sampled May 8, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018 (J = estimated)

**SB-MW18B****SFW SB-MW18B**(GW: 10.2 ft amsl, 26.2 fbg)  
(sample depth: 31 fbg)

PFOA 1.42 ppt (ng/L)  
 PFOS 1.03 ppt (ng/L)  
 PFHxS 1.00 ppt (ng/L)

J = approximated value

\* Sampled January 18, 2021 by GZA GeoEnvironmental for South Fork Wind, Report, dated June 24, 2021

**DEC MW5**(GW: 10.9 ft amsl, 11.5 fbg)  
(sample depth: 13 fbg)

PFOA 69.4 ppt (ng/L)  
 PFOS 877.0 ppt (ng/L)  
 PFHxS B 566.0 ppt (ng/L)

\* Sampled November 7, 2019 by HDR for NYSDEC Site Characterization Report dated July 28, 2020 (B = PFAS in blank)

**SFW BH-05**(GW: 11.6 ft amsl, 23.9 fbg)  
(sample depth: 31 fbg)

PFOA <1.71 ppt (ng/L)  
 PFOS <1.71 ppt (ng/L)  
 PFHxS <1.71 ppt (ng/L)

\* Sampled January 19, 2021 by GZA GeoEnvironmental for South Fork Wind, Report, dated June 24, 2021

**DEC MW3**(GW: 10.6 ft amsl, 8.6 fbg)  
(sample depth: 10 fbg)

PFOA 27.5 ppt (ng/L)  
 PFOS 1,010.0 ppt (ng/L)  
 PFHxS B 306.0 ppt (ng/L)

\* Sampled November 7, 2019 by HDR for NYSDEC Site Characterization Report dated July 28, 2020 (B = PFAS in blank)

HDR - Henningson, Durham & Richardson Architecture and Engineering P.C. Site Characterization Report: Wainscott Sand and Gravel (site code 152254). Prepared for the New York State Department of Environmental Conservation, dated July 28, 2020 (available online here).

AECOM - AECOM Technical Services Northeast, Inc., Site Characterization Report: East Hampton Airport (site codes 152250 and 152156). Prepared for the New York State Department of Environmental Conservation, dated November 30, 2018 (available online here).

GZA - GZA GeoEnvironmental of New York, Environmental Investigation Report: South Fork Wind Export Cable. Prepared for Deepwater Wind South Fork, LLC., dated June 24, 2021 (file number 41.0162804.02 (available online here).

Groundwater Flow

Groundwater Flow

Groundwater Flow

South Fork Wind: Route A Construction Corridor

Wainscott Sand &amp; Gravel



**DEC EH-19A**

(surface soil: 0 - 12 inches)

PFOA 180 ppt (0.18 ng/g)  
 PFOS 3,900 ppt (3.90 ng/g)  
 PFHxS 170 ppt (0.17 ng/g)

\* Sampled May 4, 2018 by AECOM for NYSDEC Site Characterization Report dated November 30, 2018

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 PFOS 10,000 ppt (10.0 ng/g)  
 PFHxS 730 ppt (0.78 ng/g)

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(groundwater: 36.7 fbg)

PFOA 34 ppt (ng/L)  
 PFOS 140 ppt (ng/L)  
 PFHxS 240 ppt (ng/L)

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(groundwater: 33.9 fbg)

PFOA 89 ppt (ng/L)  
 PFOS 77 ppt (ng/L)  
 PFHxS 750 ppt (ng/L)

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PFOA 160 ppt (ng/L)  
 PFOS 1.8 ppt (ng/L)  
 PFHxS 730 ppt (ng/L)

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**SFW SB-MW18B**

(GW: 10.2 ft amsl, 26.2 fbg) (sample depth: 31 fbg)

PFOA 1.42 ppt (ng/L)  
 PFOS 1.03 ppt (ng/L)  
 PFHxS 1.00 ppt (ng/L)

J = approximated value

\* Sampled January 18, 2021 by GZA GeoEnvironmental for South Fork Wind, Report, dated June 24, 2021

**DEC MW5**

(GW: 10.9 ft amsl, 11.5 fbg) (sample depth: 13 fbg)

PFOA 69.4 ppt (ng/L)  
 PFOS 877.0 ppt (ng/L)  
 PFHxS B 566.0 ppt (ng/L)

\* Sampled November 7, 2019 by HDR for NYSDEC Site Characterization Report dated July 28, 2020 (B = PFAS in blank)

**SFW BH-05**

(GW: 11.6 ft amsl, 23.9 fbg) (sample depth: 31 fbg)

PFOA <1.71 ppt (ng/L)  
 PFOS <1.71 ppt (ng/L)  
 PFHxS <1.71 ppt (ng/L)

\* Sampled January 19, 2021 by GZA GeoEnvironmental for South Fork Wind, Report, dated June 24, 2021

**DEC MW3**

(GW: 10.6 ft amsl, 8.6 fbg) (sample depth: 10 fbg)

PFOA 27.5 ppt (ng/L)  
 PFOS 1,010.0 ppt (ng/L)  
 PFHxS B 306.0 ppt (ng/L)

\* Sampled November 7, 2019 by HDR for NYSDEC Site Characterization Report dated July 28, 2020 (B = PFAS in blank)

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Groundwater Flow

Groundwater Flow

Groundwater Flow

South Fork Wind: Route A Construction Corridor

Wainscott Sand &amp; Gravel



Table 3-PFAS Results  
 South Fork Export Cable-LIRR  
 GZA Job No. 41.0162804.02

Lab ID:		SC60331-16	SC60331-15	SC60331-12	SC60331-01	SC60331-02
PARAMETERS	UNITS	SB-19A	SB-19B-2	SB-20A	SB-21A-1	
Matrix:		Grab Soil	Grab Soil	Grab Soil	Grab Soil	Grab Soil - BD
Sample Depth:		3 ft	4 ft	3 ft	6 ft	6 ft
Sample Date:		12/23/2020	12/23/2020	12/23/2020	12/23/2020	12/23/2020
PFAS (EPA PFC_IDA)						
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	µg/kg	< 0.031	< 0.030	< 0.030	< 2.14	< 2.15
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	µg/kg	< 0.023	< 0.023	< 0.023	< 2.14	< 2.15
N-ethylperfluorooctanesulfonamidoacetic acid (NETF)	µg/kg	< 0.032	< 0.031	< 0.031	< 2.14	< 2.15
N-methylperfluorooctanesulfonamidoacetic acid (NME)	µg/kg	< 0.036	< 0.036	< 0.036	< 2.14	< 2.15
Perfluorobutanesulfonic acid (PFBS)	µg/kg	<b>0.012 J, B</b>	< 0.0092	<b>0.13 J, B</b>	<b>0.014 J, B</b>	< 0.22
Perfluorobutanoic acid (PFBA)	µg/kg	< 0.20	< 0.20	< 0.20	<b>0.26 J</b>	< 0.54
Perfluorodecanesulfonic acid (PFDS)	µg/kg	< 0.020	< 0.020	< 0.020	< 0.21	< 0.22
Perfluorodecanoic acid (PFDA)	µg/kg	< 0.022	< 0.022	< 0.022	< 0.21	< 0.22
Perfluorododecanoic acid (PFDoA)	µg/kg	< 0.016	< 0.016	< 0.016	< 0.21	< 0.22
Perfluoroheptanesulfonic Acid (PFHpS)	µg/kg	< 0.016	< 0.016	< 0.016	< 0.21	< 0.22
Perfluoroheptanoic acid (PFHpA)	µg/kg	<b>0.025 J</b>	<b>0.03 J</b>	<b>0.08 J</b>	<b>0.24</b>	<b>0.047 J</b>
Perfluorohexanesulfonic acid (PFHxS)	µg/kg	<b>0.027 J, B</b>	<b>0.02 J B</b>	<b>0.17 J, B</b>	<b>0.021 J, B</b>	<b>0.017 J, B</b>
Perfluorohexanoic acid (PFHxA)	µg/kg	<b>0.033 J</b>	<b>0.03 J</b>	<b>0.067 J</b>	<b>0.17 J</b>	< 0.22
Perfluorononanoic acid (PFNA)	µg/kg	<b>0.055 J</b>	<b>0.049 J</b>	< 0.021	< 0.21	< 0.22
Perfluorooctanesulfonamide (PFOSA)	µg/kg	< 0.0093	< 0.0092	< 0.0092	< 0.21	< 0.22
Perfluorooctanesulfonic acid (PFOS)	µg/kg	<b>0.14 J</b>	<b>0.2 J</b>	<b>0.096 J</b>	<b>0.11 J</b>	< 0.22
Perfluorooctanoic acid (PFOA)	µg/kg	<b>0.14 J, B</b>	<b>0.2 J, B</b>	<b>0.24 B</b>	<b>0.53 B</b>	<b>0.10 J, B</b>
Perfluoropentanoic acid (PFPeA)	µg/kg	< 0.019	< 0.019	<b>0.026 J</b>	<b>0.13 J</b>	< 0.22
Perfluorotetradecanoic acid (PFTeA)	µg/kg	< 0.020	< 0.020	< 0.020	< 0.21	< 0.22
Perfluorotridecanoic acid (PFTriA)	µg/kg	< 0.014	< 0.014	< 0.014	< 0.21	< 0.22
Perfluoroundecanoic acid (PFUnA)	µg/kg	< 0.025	< 0.025	< 0.025	< 0.21	< 0.22

Notes

- "<" indicates the parameter is not detected.
- Bold values indicate the constituent was detected above the laboratory reporting limit.
- "J" indicates the result is less than the RL but greater than or equal to the MDL and the
- "BD" indicates the soil sample is a blind duplicate sample.
- "NE" indicates a standard for the parameter is not established.
- "B" indicates the compound was detected in the method blank.



# TEST BORING LOG



**GZA**  
**GeoEnvironmental, Inc.**  
*Engineers and Scientists*

Eversource Energy  
 South Fork Wind Farm  
 East Hampton, New York

EXPLORATION NO.: **SB-19A**  
 SHEET: 1 of 1  
 PROJECT NO: 41.0162804.02  
 REVIEWED BY: Rick Carlone

Logged By: Jessie Batalon  
 Drilling Co.: ADT  
 Foreman: Chris Iodice

Type of Rig: N/A  
 Rig Model: N/A  
 Drilling Method:  
 Hand Auger

Boring Location: See Plan  
 Ground Surface Elev. (ft.): 38  
 Final Boring Depth (ft.): 5  
 Date Start - Finish: 12/23/2020 - 12/23/2020

H. Datum:  
 V. Datum: NAVD88

Hammer Type: N/A  
 Hammer Weight (lb.): N/A  
 Hammer Fall (in.): N/A  
 Auger or Casing O.D./I.D Dia (in.): N/A

Sampler Type: Hand Auger  
 Sampler O.D. (in.): 4"  
 Sampler Length (in.): N/A  
 Rock Core Size: N/A

### Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Casing Blows (Core Rate)	Sample					SPT Value	Sample Description Modified Burmister	Remark	Field Test Data	Stratum		Equipment Installed
		No.	Depth (ft.)	Pen. (in)	Rec. (in)	Blows (RQD)					Depth (ft)	Description Elev (ft)	
5		S-1	0.0				S-1: Railroad ballast	1		1	BALLAST	37.0	No Equipment Installed
		S-2	1.0				S-2: Dark brown fine SAND, some Silt, trace fine to coarse gravel, moist	2	0.1	1.5	FILL	36.5	
		S-3	1.5				S-3: Brown fine SAND, trace fine Gravel, trace Silt, moist						
										5		33.0	
							End of exploration at 5 feet.	3					

10 Inches



# TEST BORING LOG



Eversource Energy  
South Fork Wind Farm  
East Hampton, New York

EXPLORATION NO.: **SB-19B**  
SHEET: 1 of 1  
PROJECT NO: 41.0162804.02  
REVIEWED BY: Rick Carlone

Logged By: Jessie Batalon  
Drilling Co.: ADT  
Foreman: Chris Iodice

Type of Rig: N/A  
Rig Model: N/A  
Drilling Method:  
Hand Auger

Boring Location: See Plan  
Ground Surface Elev. (ft.): 33.5  
Final Boring Depth (ft.): 5  
Date Start - Finish: 12/23/2020 - 12/23/2020

H. Datum:  
  
V. Datum: NAVD88

Hammer Type: N/A  
Hammer Weight (lb.): N/A  
Hammer Fall (in.): N/A  
Auger or Casing O.D./I.D Dia (in.): N/A

Sampler Type: Hand Auger  
Sampler O.D. (in.): 4"  
Sampler Length (in.): N/A  
Rock Core Size: N/A

### Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Casing Blows/ (Core Rate)	Sample					SPT Value	Sample Description Modified Burmister	Remark	Field Test Data	Stratum		Equipment Installed
		No.	Depth (ft.)	Pen. (in)	Rec. (in)	Blows (RQD)					Depth (ft.)	Description Elev. (ft.)	
5		S-1	0.0					S-1: Dark brown SILT, some fine sand, trace Organics (leaves, roots), moist	1		0.5	TOPSOIL 33.0	No Equipment Installed
		S-2	0.5					S-2: Brown fine SAND, trace fine to coarse gravel, trace Silt, moist	2	0.3		SAND	
								End of exploration at 5 feet.	3		5	28.5	

3 inches



# TEST BORING LOG



**GZA**  
**GeoEnvironmental, Inc.**  
*Engineers and Scientists*

Eversource Energy  
 South Fork Wind Farm  
 East Hampton, New York

EXPLORATION NO.: **SB-20A**  
 SHEET: 1 of 1  
 PROJECT NO: 41.0162804.02  
 REVIEWED BY: Rick Carlone

Logged By: Jessie Batalon  
 Drilling Co.: ADT  
 Foreman: Chris Iodice

Type of Rig: N/A  
 Rig Model: N/A  
 Drilling Method:  
 Hand Auger

Boring Location: See Plan  
 Ground Surface Elev. (ft.): 30  
 Final Boring Depth (ft.): 5  
 Date Start - Finish: 12/23/2020 - 12/23/2020

H. Datum:  
 V. Datum: NAVD88

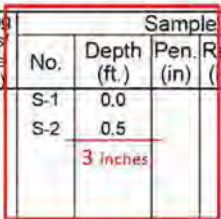
Hammer Type: N/A  
 Hammer Weight (lb.): N/A  
 Hammer Fall (in.): N/A  
 Auger or Casing O.D./I.D Dia (in.): N/A

Sampler Type: Hand Auger  
 Sampler O.D. (in.): 4"  
 Sampler Length (in.): N/A  
 Rock Core Size: N/A

### Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Casing Blows (Core Rate)	Sample					SPT Value	Sample Description Modified Burmister	Remark	Field Test Data	Stratum		Equipment Installed	
		No.	Depth (ft.)	Pen. (in)	Rec. (in)	Blows (RQD)					Depth (ft)	Description Elev (ft)		
5		S-1	0.0				S-1: Dark brown SILT, some fine Sand, trace Organics (leaves, roots), moist  S-2: Brown fine SAND, trace fine Gravel, trace Silt, moist	1  2	0.1	0.5	TOPSOIL	29.5	No Equipment Installed	
		S-2	0.5											
							End of exploration at 5 feet.	3		5		25.0		





# TEST BORING LOG



**GZA**  
GeoEnvironmental, Inc.  
Engineers and Scientists

Table 3-PFAS Results  
South Fork Export Cable-LIRR  
GZA Job No. 41.0162804.02

Lab ID:

EXPLORATION NO.: **SB-19A**  
SHEET: 1 of 1  
PROJECT NO: 41.0162804.02  
REVIEWED BY: Rick Carlone

Matrix:

Sample Depth:

Sample Date:

PFAS (EPA PFC\_IDA)

1H,1H,2H,2H-perfluoro

1H,1H,2H,2H-perfluoro

N-ethylperfluorooctane

N-methylperfluoroocta

Perfluorobutanesulfoni

Perfluorobutanoic acid

Perfluorodecanesulfoni

Perfluorodecanoic acid (PFDA)

Perfluorododecanoic acid (PFDoA)

Perfluoroheptanesulfonic Acid (PFHpS)

Perfluoroheptanoic acid (PFHpA)

Perfluorohexanesulfonic acid (PFHxS)

Perfluorohexanoic acid (PFHxA)

Perfluorononanoic acid (PFNA)

Perfluorooctanesulfonamide (PFOSA)

Perfluorooctanesulfonic acid (PFOS)

Perfluorooctanoic acid (PFOA)

Perfluoropentanoic acid (PFPeA)

Perfluorotetradecanoic acid (PFTeA)

Perfluorotridecanoic acid (PFTriA)

Perfluoroundecanoic acid (PFUnA)

SC60331-16 SC60331-15 SC60331-12

SB-19A SB-19B-2 SB-20A

Grab Soil Grab Soil Grab Soil

3 ft 4 ft 3 ft

12/23/2020 12/23/2020 12/23/2020

< 0.031 < 0.030 < 0.030

< 0.023 < 0.023 < 0.023

< 0.032 < 0.031 < 0.031

< 0.036 < 0.036 < 0.036

**0.012 J, B** < 0.0092 **0.13 J, B**

< 0.20 < 0.20 < 0.20

< 0.020 < 0.020 < 0.020

< 0.022 < 0.022 < 0.022

< 0.016 < 0.016 < 0.016

< 0.016 < 0.016 < 0.016

**0.025 J** **0.03 J** **0.08 J**

**0.027 J, B** **0.02 J, B** **0.17 J, B**

**0.033 J** **0.03 J** **0.067 J**

**0.055 J** **0.049 J** < 0.021

< 0.0093 < 0.0092 < 0.0092

**0.14 J** **0.2 J** **0.096 J**

**0.14 J, B** **0.2 J, B** **0.24 B**

< 0.019 < 0.019 **0.026 J**

< 0.020 < 0.020 < 0.020

< 0.014 < 0.014 < 0.014

< 0.025 < 0.025 < 0.025

EXPLORATION NO.: **SB-20A**  
SHEET: 1 of 1  
PROJECT NO: 41.0162804.02  
REVIEWED BY: Rick Carlone

Depth (ft)	Casing Blows/ (Core Rate)	Sample				
		No.	Depth (ft.)	Pen. (in)	Rec. (in)	Blow (RQ)
		S-1	0.0			
		S-2	0.5			
Total excavation depth = approx. 8 ft		Avg. = 0.25 ft, or 3 inches		Only top 3% of surface soil tested for contamination		

< 2.14	< 2.15
<b>0.014 J, B</b>	< 0.22
<b>0.26 J</b>	< 0.54
< 0.21	< 0.22

EXPLORATION NO.: **SB-19B**  
SHEET: 1 of 1  
PROJECT NO: 41.0162804.02  
REVIEWED BY: Rick Carlone

Depth (ft)	Casing Blows/ (Core Rate)	Sample				
		No.	Depth (ft.)	Pen. (in)	Rec. (in)	Blow (RQ)
		S-1	0.0			
		S-2	0.5			
Total excavation depth = approx. 8 ft		Avg. = 0.25 ft, or 3 inches		Only top 3% of surface soil tested for contamination		

- Notes
1. "<" indicates the parameter is not detected.
  2. Bold values indicate the constituent was detected above the laboratory reporting limit.
  3. "J" indicates the result is less than the RL but greater than or equal to the MDL and the

4. "BD" indicates the soil sample is a blind duplicate sample.
5. "NE" indicates a standard for the parameter is not established.
6. "B" indicates the compound was detected in the method blank.



**South Fork Wind - Soil Boring Summary**

Boring ID	Location	Depth of Soil Sampling (ft bgs)	Duct Bank Depth (ft bgs)	Sampling Results - Exceedances of NYSDEC Criteria
SB-1A	Beach Lane	0 - 5		Iron at 6,700 ppm
SB-1B	Beach Lane	0 - 5	5.9	
SB-2A/SB-2B	Beach Lane	0 - 7	9.2	Iron at 5860 ppm
SB-2A/SB-2B	Beach Lane	7 - 14		Iron at 6,640 ppm
SB-3A	Beach Lane	0 - 5	7.9	Iron at 3,390 ppm
SB-3B	Beach Lane	0 - 5		
SB-4A	Beach Lane	0 - 5	8.1	Iron at 103,000 ppm
SB-4B	Beach Lane	0 - 5	8.3	
SB-5A	Beach Lane	0 - 5		Iron at 2,790 ppm
SB-5B	Beach Lane	0 - 5	10.4	
SB-6A	Wainscott Main St.	0 - 5	8.8	Iron at 8,490 ppm
SB-6B	Wainscott Stone Rd.	0 - 5	0.0	
SB-7A	Wainscott Stone Rd.	0 - 12	11.2	None
SB-7B	Wainscott Stone Rd.	0 - 12		None
SB-8A	Wainscott Stone Rd.	0 - 15	7.1	Iron at 4,420 ppm
SB-8B	Wainscott NW Road	0 - 15	6.0	
SB-9A	Wainscott NW Road	0 - 5		Iron at 3,780 to 4,190 ppm
SB-9B	Wainscott NW Road	0 - 5		
SB-10A	Wainscott NW Road	0 - 12	10.8	None
SB-10B	Wainscott NW Road	0 - 12		None
SB-11A	Wainscott NW Road	0 - 5		Iron at 4,430 ppm
SB-11B	Wainscott NW Road	0 - 5		
SB-12A	Wainscott NW Road	0 - 12	9.6	Iron at 4,130 ppm
SB-12B	Wainscott NW Road	0 - 12		
SB-14A	Wainscott NW Road	0 - 5		Iron at 6,430 ppm
SB-14B	Wainscott NW Road	0 - 5		
SB-15A	Wainscott NW Road	0 - 12	10.6	Iron at 2,820 ppm
SB-15B	Wainscott NW Road	0 - 12		
SB-16A	Wainscott NW Road	0 - 5		Iron at 3,430 ppm
SB-16B	Wainscott NW Road	0 - 5		
SB-17A	Wainscott NW Road	0 - 5		Iron at 2,120 ppm
SB-17B	Wainscott NW Road	0 - 5		
SB-18A	Wainscott NW Road	0 - 12		Iron at 2,810 ppm
SB-18B	Wainscott NW Road	0 - 12	10.9	

**Notes:**

NYSDEC Criteria = Soil Cleanup Objectives (SOC) for Unrestricted, Residential, Restricted Residential, Commercial, and Industrial Uses and Protection of Groundwater

Residential SCO for iron is 2,000 mg/kg

ppm = parts per million = milligrams per kilogram

ft bgs = feet below ground surface

One or more grab samples from each boring were tested for volatile organic compounds.

Composite samples from paired borings were tested for hazardous waste characteristics, metals, pesticides, PCBs, herbicides, and semivolatile organic compounds.

Select grab samples were tested for PFAS compounds.

Iron is a naturally-occurring metal in Long Island soil.



## South Fork Wind - Soil Boring Summary

Boring ID	Location	Depth of Soil Sampling (ft bgs)	Duct Bank Depth (ft bgs)	Sampling Results - Exceedances of NYSDEC Criteria
SB-1A	Beach Lane	0 - 5		Iron at 6,700 ppm
SB-1B	Beach Lane	0 - 5	5.9	
SB-2A/SB-2B	Beach Lane	0 - 7	9.2	Iron at 5860 ppm
SB-2A/SB-2B	Beach Lane	7 - 14		Iron at 6,640 ppm
SB-3A	Beach Lane	0 - 5	7.9	Iron at 3,390 ppm
SB-3B	Beach Lane	0 - 5		
SB-4A	Beach Lane	0 - 5	8.1	Iron at 103,000 ppm
SB-4B	Beach Lane	0 - 5	8.3	
SB-5A	Beach Lane	0 - 5		Iron at 2,790 ppm
SB-5B	Beach Lane	0 - 5	10.4	
SB-6A	Wainscott Main St.	0 - 5	8.8	Iron at 8,490 ppm
SB-6B	Wainscott Stone Rd.	0 - 5	0.0	
SB-7A	Wainscott Stone Rd.	0 - 12	11.2	None
SB-7B	Wainscott Stone Rd.	0 - 12		None
SB-8A	Wainscott Stone Rd.	0 - 15	7.1	Iron at 4,420 ppm
SB-8B	Wainscott NW Road	0 - 15	6.0	
SB-9A	Wainscott NW Road	0 - 5		Iron at 3,780 to 4,190 ppm
SB-9B	Wainscott NW Road	0 - 5		
SB-10A	Wainscott NW Road	0 - 12	10.8	None
SB-10B	Wainscott NW Road	0 - 12		None
SB-11A	Wainscott NW Road	0 - 5		Iron at 4,430 ppm
SB-11B	Wainscott NW Road	0 - 5		
SB-12A	Wainscott NW Road	0 - 12	9.6	Iron at 4,130 ppm
SB-12B	Wainscott NW Road	0 - 12		
SB-14A	Wainscott NW Road	0 - 5		Iron at 6,430 ppm
SB-14B	Wainscott NW Road	0 - 5		
SB-15A	Wainscott NW Road	0 - 12	10.6	Iron at 2,820 ppm
SB-15B	Wainscott NW Road	0 - 12		
SB-16A	Wainscott NW Road	0 - 5		Iron at 3,430 ppm
SB-16B	Wainscott NW Road	0 - 5		
SB-17A	Wainscott NW Road	0 - 5		Iron at 2,120 ppm
SB-17B	Wainscott NW Road	0 - 5		
SB-18A	Wainscott NW Road	0 - 12		Iron at 2,810 ppm
SB-18B	Wainscott NW Road	0 - 12	10.9	

Uploaded to the Town's website the afternoon before the Wainscott CAC meeting on April 2, two months after Councilwoman Cate Rogers had promised. The "summary" contains -

No PFAS results (for soil or groundwater)

No date

No author

No laboratory reports

No bore logs (for soil or groundwater)

No engineer's signature

No scientist's or laboratory's signature

No accounting for fluctuation in water table height

The report is meaningless.

## Notes:

NYSDEC Criteria = Soil Cleanup Objectives (SOC) for Unrestricted, Residential, Restricted Residential, Commercial, and Industrial Uses and Protection of Groundwater

Residential SCO for iron is 2,000 mg/kg

ppm = parts per million = milligrams per kilogram

ft bgs = feet below ground surface

One or more grab samples from each boring were tested for volatile organic compounds.

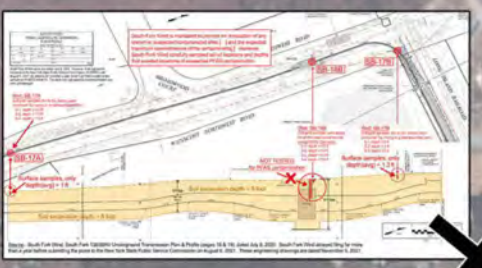
Composite samples from paired borings were tested for hazardous waste characteristics, metals, pesticides, PCBs, herbicides, and semivolatile organic compounds.

Select grab samples were tested for PFAS compounds.

Iron is a naturally-occurring metal in Long Island soil.

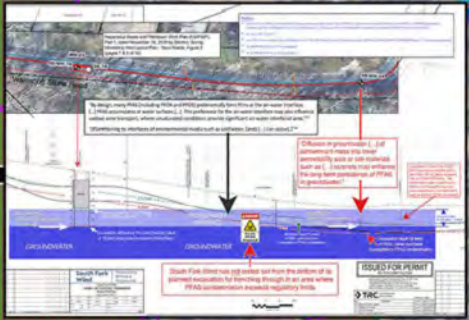
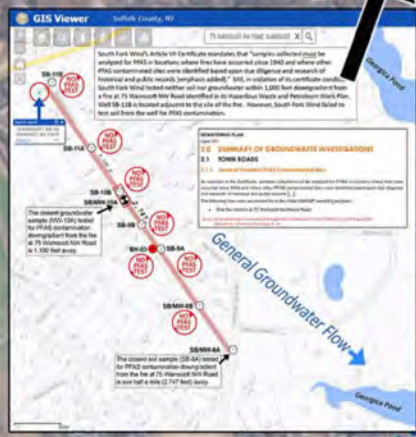
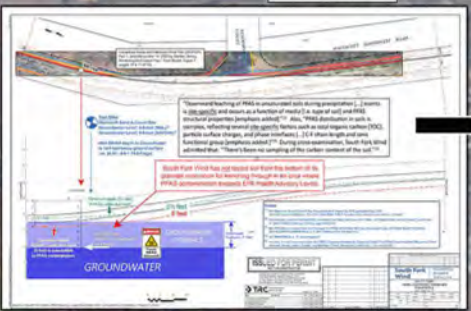


**Figure 4.3-1. South Fork Export Cable Routing Options – Beach Lane and Mapped Resource Areas**  
 Depiction of the wetland habitats and wetland resources in proximity of the Beach Lane landing and cable routing option.



TEST BORING LOG		Table 4.3-1-1a Results	
CZA GeoEnvironmental, Inc.		South Fork Export Cable LRB	
PROJECT NO. 2019-01		CZA Ref No. 41.000004.00	
EXPLORATION NO. SB-104		EXPLORATION NO. SB-105	
SHEET NO. 1		SHEET NO. 2	
REVIEWED BY: Risk Control		REVIEWED BY: Risk Control	
Depth (ft)	Soil Description	Soil Type	Soil Color
0.0	...	...	...
0.2	...	...	...
0.4	...	...	...
0.6	...	...	...
0.8	...	...	...
1.0	...	...	...
1.2	...	...	...
1.4	...	...	...
1.6	...	...	...
1.8	...	...	...
2.0	...	...	...
2.2	...	...	...
2.4	...	...	...
2.6	...	...	...
2.8	...	...	...
3.0	...	...	...
3.2	...	...	...
3.4	...	...	...
3.6	...	...	...
3.8	...	...	...
4.0	...	...	...
4.2	...	...	...
4.4	...	...	...
4.6	...	...	...
4.8	...	...	...
5.0	...	...	...
5.2	...	...	...
5.4	...	...	...
5.6	...	...	...
5.8	...	...	...
6.0	...	...	...
6.2	...	...	...
6.4	...	...	...
6.6	...	...	...
6.8	...	...	...
7.0	...	...	...
7.2	...	...	...
7.4	...	...	...
7.6	...	...	...
7.8	...	...	...
8.0	...	...	...
8.2	...	...	...
8.4	...	...	...
8.6	...	...	...
8.8	...	...	...
9.0	...	...	...
9.2	...	...	...
9.4	...	...	...
9.6	...	...	...
9.8	...	...	...
10.0	...	...	...

**Beach Lane Route**



**SFEC - Interconnection Facility**

**Legend**

- ★ Potential SFEC Landing Site
- SFEC - Interconnection Facility

**SFEC Onshore Routes:**

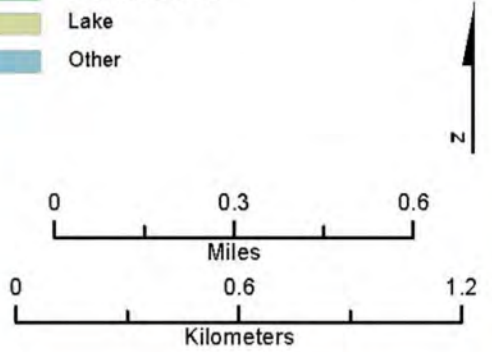
- Beach Lane
- Hither Hills
- - - NYS Coastal Boundary
- ▨ NYS DEC Wetland

**NYS Tidal Wetlands**

- ▨ Formerly Connected
- ▨ Intertidal Marsh
- ▨ Fresh Marsh
- ▨ Littoral Zone
- ▨ High Marsh
- ▨ Coastal Shoals, Bars and Mudflats

**National Wetland Inventory Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other



**South Fork Wind Farm**



TITLE					
SOUTH FORK 138/69KV UNDERGROUND TRANSMISSION PLAN & PROFILE EAST HAMPTON, NY					
BY	TRC	CHKD	DED	APP	AMW
DATE	07/08/20	DATE	07/08/20	DATE	07/08/20
H-SCALE	1" = 20'	SIZE	ARCH D	FIELD BOOK & PAGES	
V-SCALE	1" = 4'	V.S.		R.DWG.	
R.E. PROJ. NUMBER		DWG. NO.			19

South Fork Wind's plans are dated July 8, 2020. However, it did not submit the plans to the New York State Public Service Commission (NYSPSC) until August 6, 2021. By delaying for more than a year, South Fork Wind avoided review pursuant to NYSPSC Article VII. The plans were not subject to cross-examination, and went unchallenged.

South Fork Wind is mandated to provide an "evaluation of any known or suspected contaminated sites [...] and the expected maximum concentrations of the contaminants[.]" However, South Fork Wind carefully sampled soil at locations and depths that avoided locations of suspected PFAS contamination.

**Well: SB-17A**  
Soil grab samples (S1 to S3, below) were combined "by mixing in a stainless-steel bowl."  
S-1, depth = 0.5 ft  
S-2, depth = 1.0 ft  
S-3, depth = 1.5 ft

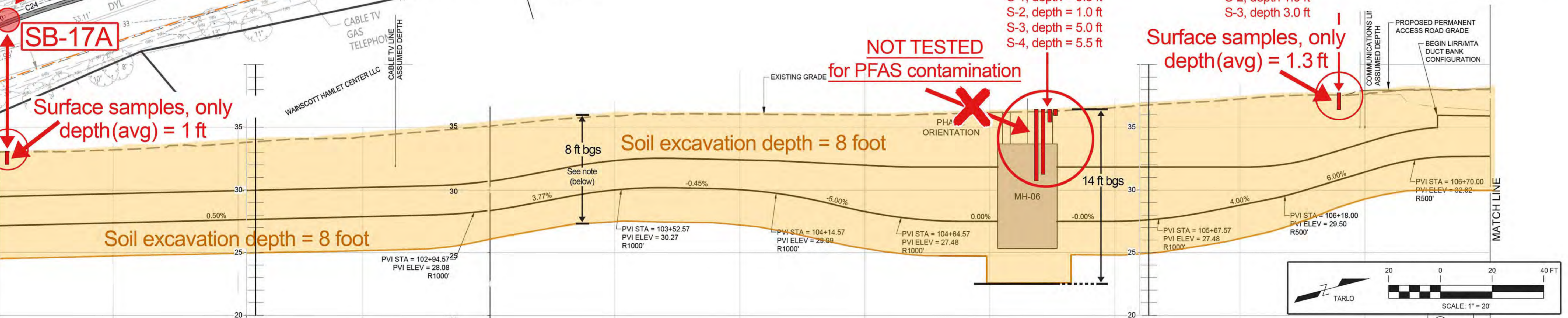
**SB-17A**  
Surface samples, only  
depth (avg) = 1 ft

**Well: SB-18B**  
Soil grab samples were tested for all the listed contaminants, except PFAS chemicals -  
S-1, depth = 0.5 ft  
S-2, depth = 1.0 ft  
S-3, depth = 5.0 ft  
S-4, depth = 5.5 ft

**Well: SB-17B**  
Soil grab samples, (S1 to S3, below) were combined "by mixing in a stainless-steel bowl."  
S-1, depth 0.0 ft  
S-2, depth 1.0 ft  
S-3, depth 3.0 ft

Surface samples, only  
depth (avg) = 1.3 ft

**NOT TESTED**  
for PFAS contamination



Source: South Fork Wind, South Fork 138/68KV Underground Transmission Plan & Profile (pages 18 & 19), dated July 8, 2020. South Fork Wind delayed filing for more than a year before submitting the plans to the New York State Public Service Commission on August 6, 2021. These engineering drawings are dated November 5, 2021.



South Fork Wind's Article VII Certificate mandates that "samples collected must be analyzed for PFAS in locations where fires have occurred since 1940 and where other PFAS contaminated sites were identified based upon due diligence and research of historical and public records [emphasis added]." Still, in violation of its certificate conditions, South Fork Wind tested neither soil nor groundwater within 1,000 feet downgradient from a fire at 75 Wainscott NW Road identified in its Hazardous Waste and Petroleum Work Plan. Well SB-11B is located adjacent to the site of the fire. However, South Fork Wind failed to test soil from the well for PFAS contamination.

Search result  
75 WAINSCOTT NW RD,  
WAINSCOTT, NY, 11975  
Zoom to

### DEWATERING PLAN

August 2021

## 2.0 SUMMARY OF GROUNDWATER INVESTIGATIONS

### 2.1 TOWN ROADS

#### 2.1.1 Areas of Potential PFAS Contaminated Sites

As specified in the Certificate, samples collected must be analyzed for PFAS in locations where fires have occurred since 1940 and where other PFAS contaminated sites were identified based upon due diligence and research of historical and public records [...]

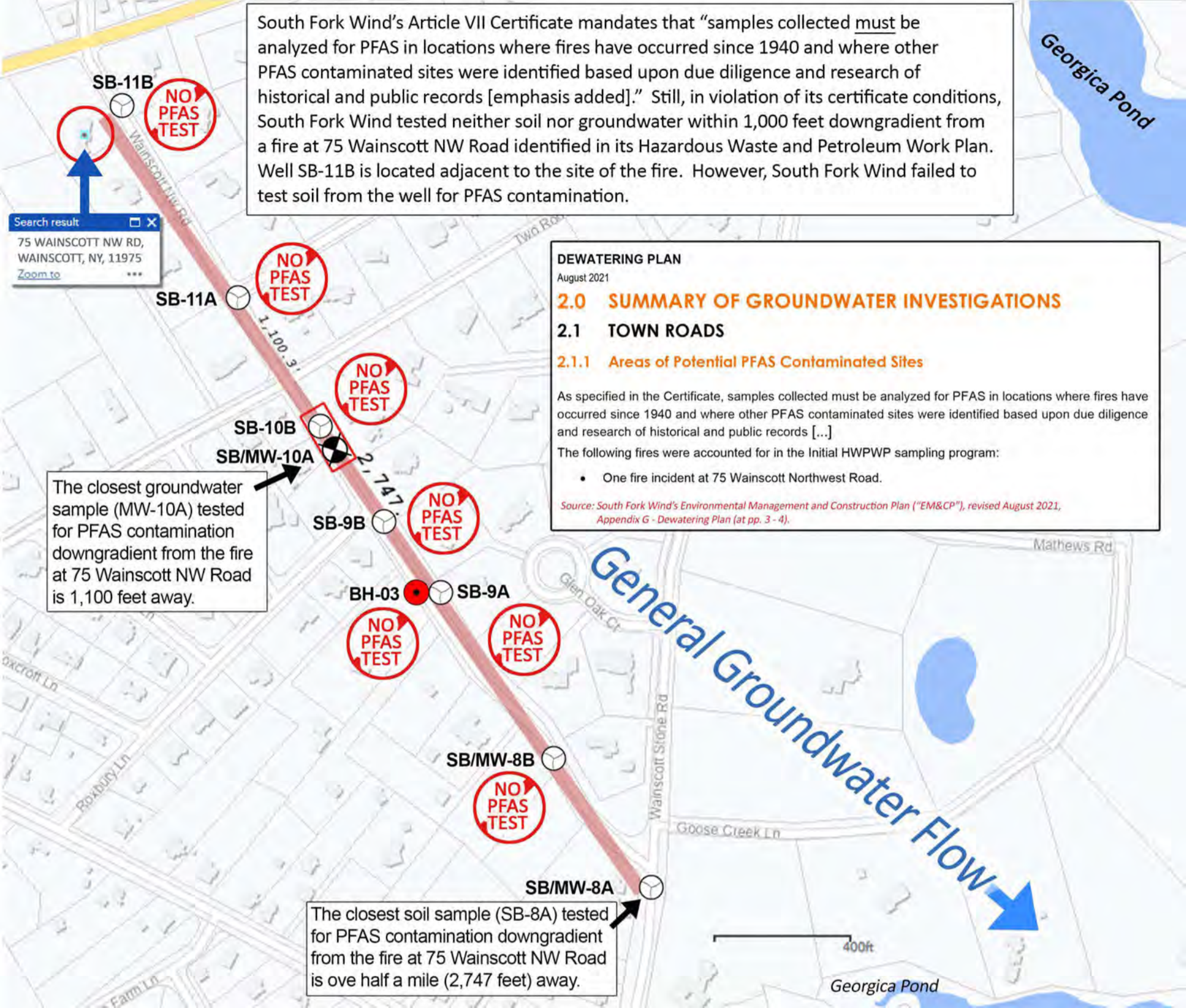
The following fires were accounted for in the Initial HWPWP sampling program:

- One fire incident at 75 Wainscott Northwest Road.

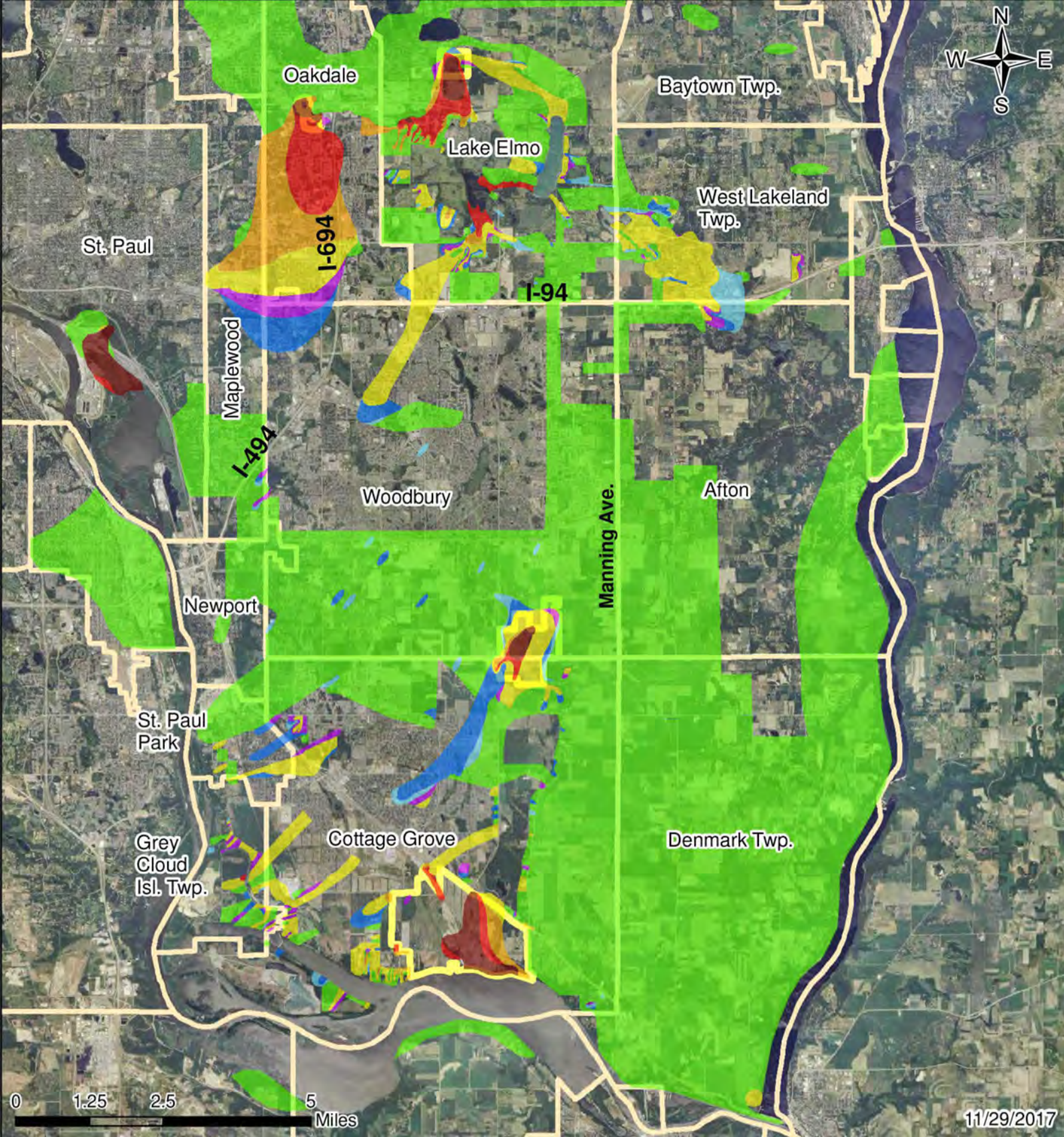
Source: South Fork Wind's Environmental Management and Construction Plan ("EM&CP"), revised August 2021, Appendix G - Dewatering Plan (at pp. 3 - 4).

The closest groundwater sample (MW-10A) tested for PFAS contamination downgradient from the fire at 75 Wainscott NW Road is 1,100 feet away.

The closest soil sample (SB-8A) tested for PFAS contamination downgradient from the fire at 75 Wainscott NW Road is over half a mile (2,747 feet) away.







# PFOA in East Metro - All Aquifers

## November 2017



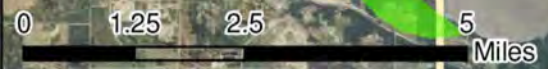
- PFOA greater than 1.75ppb (>50x HBV)
- PFOA 0.351-1.75ppb (10-50x HBV)
- PFOA 0.176-0.35ppb (5-10x HBV)
- PFOA 0.035-0.175ppb (1-5x HBV)
- PFOA 0.027-0.035ppb (75-100% HBV)
- PFOA 0.0175-0.026ppb (50-75% HBV)
- PFOA 0.004-0.0174ppb (<50% HBV)
- PFOA not detected

Map combines data from all aquifers, actual concentrations in any area may vary; blank spaces indicate no sample data.

MDH Health Based Value (HBV) for PFOA is 0.035 parts per billion (ppb; or 35 parts per trillion)

Phone: 651-201-4897  
or 1-800-657-3908

MDH Health Based Value (HBV) for PFOA is 0.035 parts per billion (ppb; or 35 parts per trillion)





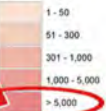
Total PFAS at  
East Hampton Airport  
Exceeds 5,000 ppt

**Legend**

Surface Water Sample

**Groundwater Impact**

Total PFAS ppt



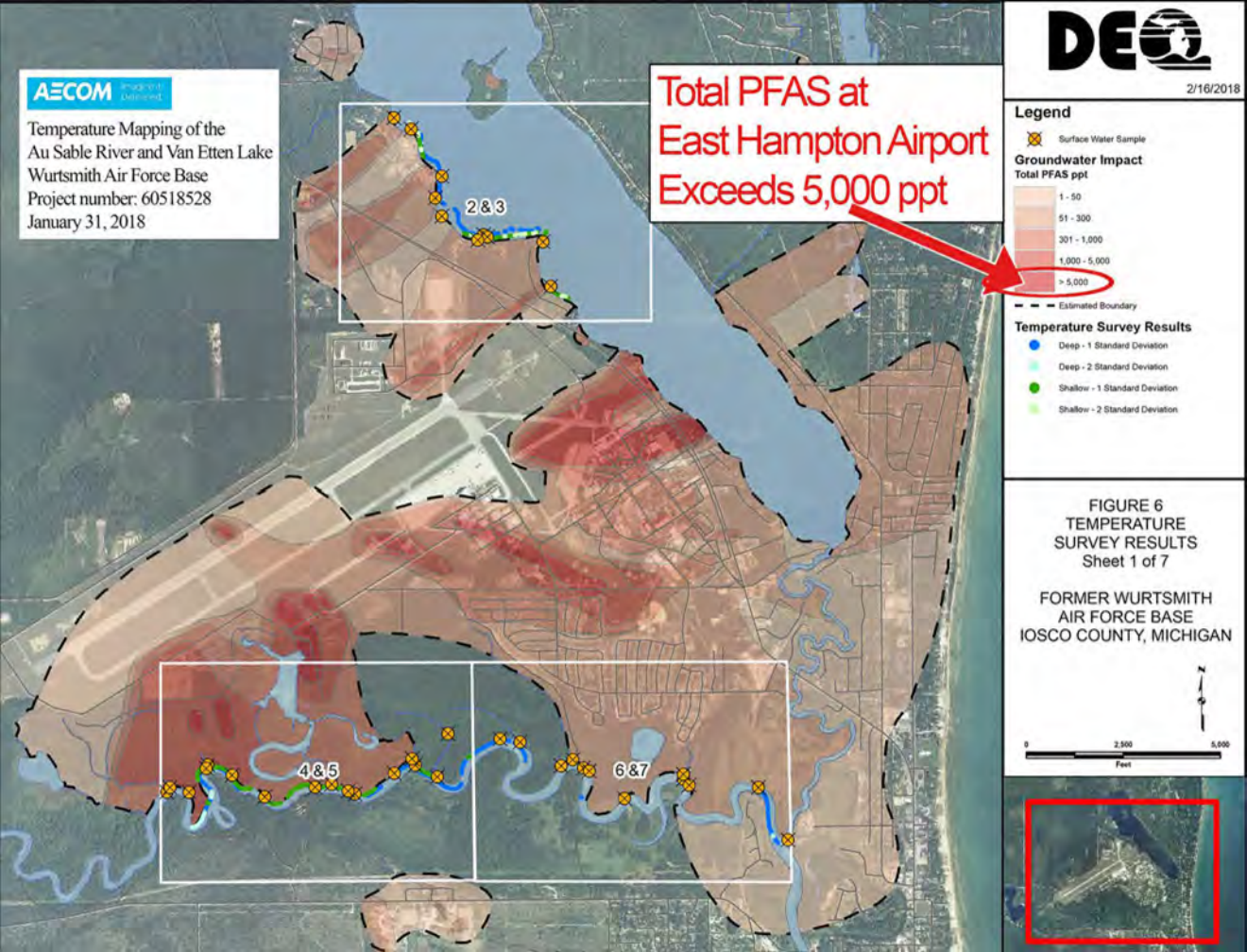
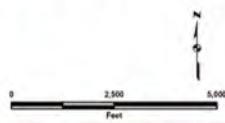
Estimated Boundary

**Temperature Survey Results**

- Deep - 1 Standard Deviation
- Deep - 2 Standard Deviation
- Shallow - 1 Standard Deviation
- Shallow - 2 Standard Deviation

**FIGURE 6**  
TEMPERATURE  
SURVEY RESULTS  
Sheet 1 of 7

FORMER WURTSMITH  
AIR FORCE BASE  
IOSCO COUNTY, MICHIGAN





**Table 1**  
**Groundwater Sample Data**  
**Analytes**

**Well EH-19A1**  
**TOTAL PFAS: 8,388 ppt**

**Groundwater Sample Data**

East Hampton PD	ARFF	
EH-1	EH-19A	EH-19A1
5/8/2018	5/8/2018	8/10/2018

**Perfluoroalkane Sulfonic Acids**

Perfluorobutane sulfonic acid (PFBS)	8.3	360	12
Perfluorohexane sulfonic acid (PFHxS)	730	240	1.5 J
Perfluoroheptane sulfonic acid (PFHpS)	36	.88 U	.88 U
Perfluorooctane sulfonic acid (PFOS)	1.8 J	5.0	1.4 J
Perfluorodecane sulfonic acid (PFDS)	1.3 U	1.3 U	1.3 U

**Perfluoroalkane Carboxylic Acids**

Perfluorobutanoic acid (PFBA)	37	710	3.9 J
Perfluoropentanoic acid (PFPeA)	76	2600	1.1 U
Perfluorohexanoic acid (PFHxA)	65	2800	1.9 J
Perfluoroheptanoic acid (PFHpA)	40	1500	1.2 U
Perfluorooctanoic acid (PFOA)	160	140	1.2 J
Perfluorononanoic acid (PFNA)	1.2 U	7.0 U	.94 U
Perfluorodecanoic acid (PFDA)	.82 U	1.8 U	.52 U
Perfluoroundecanoic acid (PFUnDA)	1.4 U	2.6 U	.31 U
Perfluorododecanoic acid (PFDoDA)	1.2 U	1.1 U	.46 U
Perfluorotridecanoic acid (PFTrDA)	.90 U	1.7 U	.75 U
Perfluorotetradecanoic acid (PFTeDA)	1.2 U	1.2 U	1.2 U

**Perfluoroalkyl Sulfonamides**

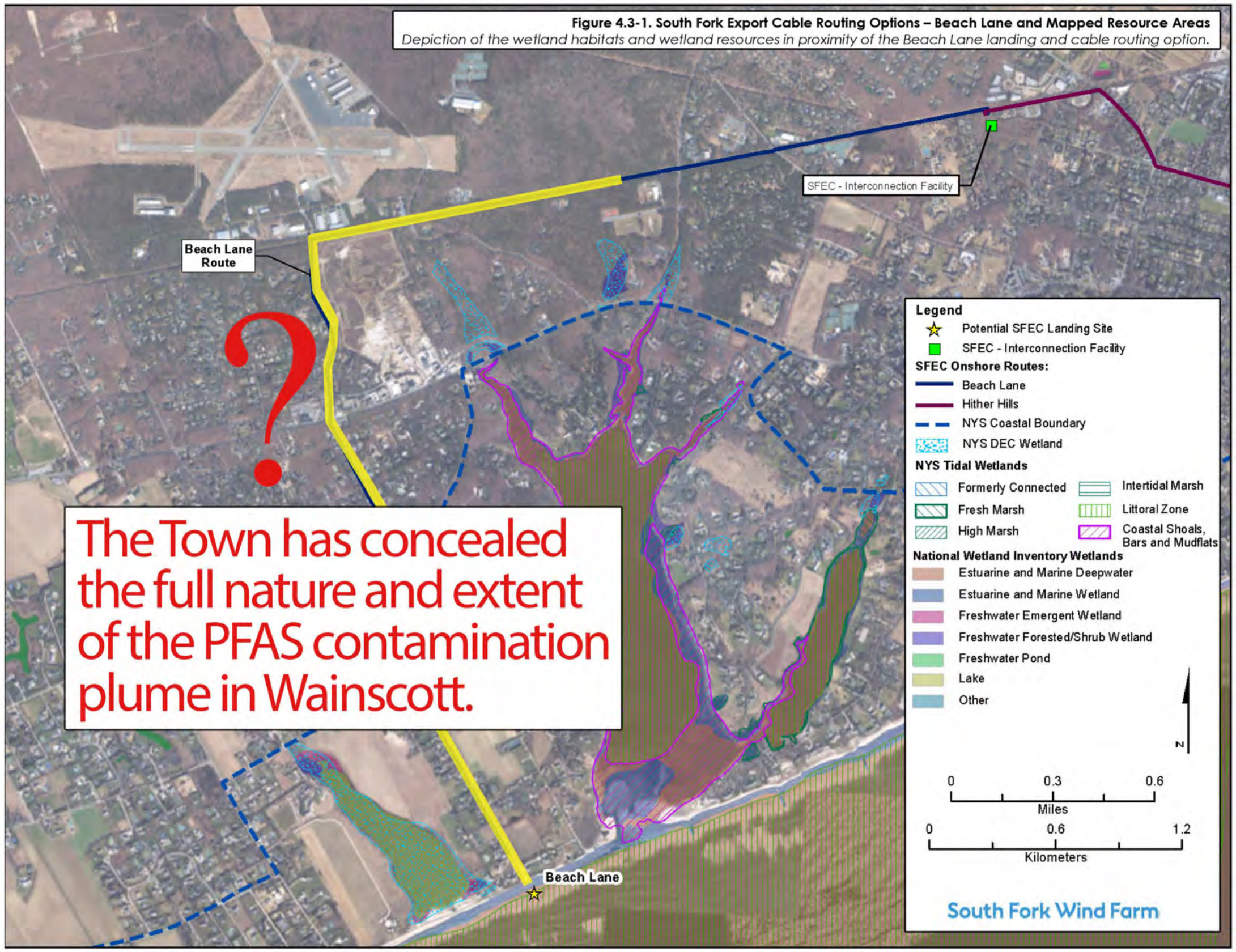
Perfluorooctane sulfonamide (FOSA)	.35 U	.35 U	.35 U
N-Methyl perfluorooctane sulfonamidoacetic acid	4.2 UJ	4.2 UJ	4.2 UJ
N-Ethyl perfluorooctane sulfonamidoacetic acid	.83 U	.83 U	.83 U

**(n:2) Fluorotelomer Sulfonic Acids**

6:2 Fluorotelomer sulfonic acid (6:2 FTS)	7.0	7.0	1.6 J
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	.65 U	2.8 J	.65 U



**Figure 4.3-1. South Fork Export Cable Routing Options – Beach Lane and Mapped Resource Areas**  
 Depiction of the wetland habitats and wetland resources in proximity of the Beach Lane landing and cable routing option.



Beach Lane Route

SFEC - Interconnection Facility

Beach Lane

The Town has concealed the full nature and extent of the PFAS contamination plume in Wainscott.

**Legend**

- ★ Potential SFEC Landing Site
- SFEC - Interconnection Facility

**SFEC Onshore Routes:**

- Beach Lane
- Hither Hills
- - - NYS Coastal Boundary
- ▤ NYS DEC Wetland

**NYS Tidal Wetlands**

▤ Formerly Connected	▤ Intertidal Marsh
▤ Fresh Marsh	▤ Littoral Zone
▤ High Marsh	▤ Coastal Shoals, Bars and Mudflats

**National Wetland Inventory Wetlands**

- ▤ Estuarine and Marine Deepwater
- ▤ Estuarine and Marine Wetland
- ▤ Freshwater Emergent Wetland
- ▤ Freshwater Forested/Shrub Wetland
- ▤ Freshwater Pond
- ▤ Lake
- ▤ Other

0 0.3 0.6  
Miles

0 0.6 1.2  
Kilometers

South Fork Wind Farm



Monitoring Well Wainscott Pond North (Suffolk County Well S62395.1) groundwater fluctuates as much as 5 feet from a high of 1.71 feet (recorded on April 1, 2010) to a low of 6.71 feet below ground surface (recorded on August 19, 2002).

On Aug 19, 2002, the groundwater level at Monitoring Well Wainscott Pond North was 6.71 feet below ground surface.

On Sep 30, 1996, the groundwater level at Monitoring Well Wainscott Pond North was 2.39 feet below ground surface.

On Apr 01, 2010, the groundwater level at Monitoring Well Wainscott Pond North was 1.71 feet below ground surface.

Fluctuation = 5 feet

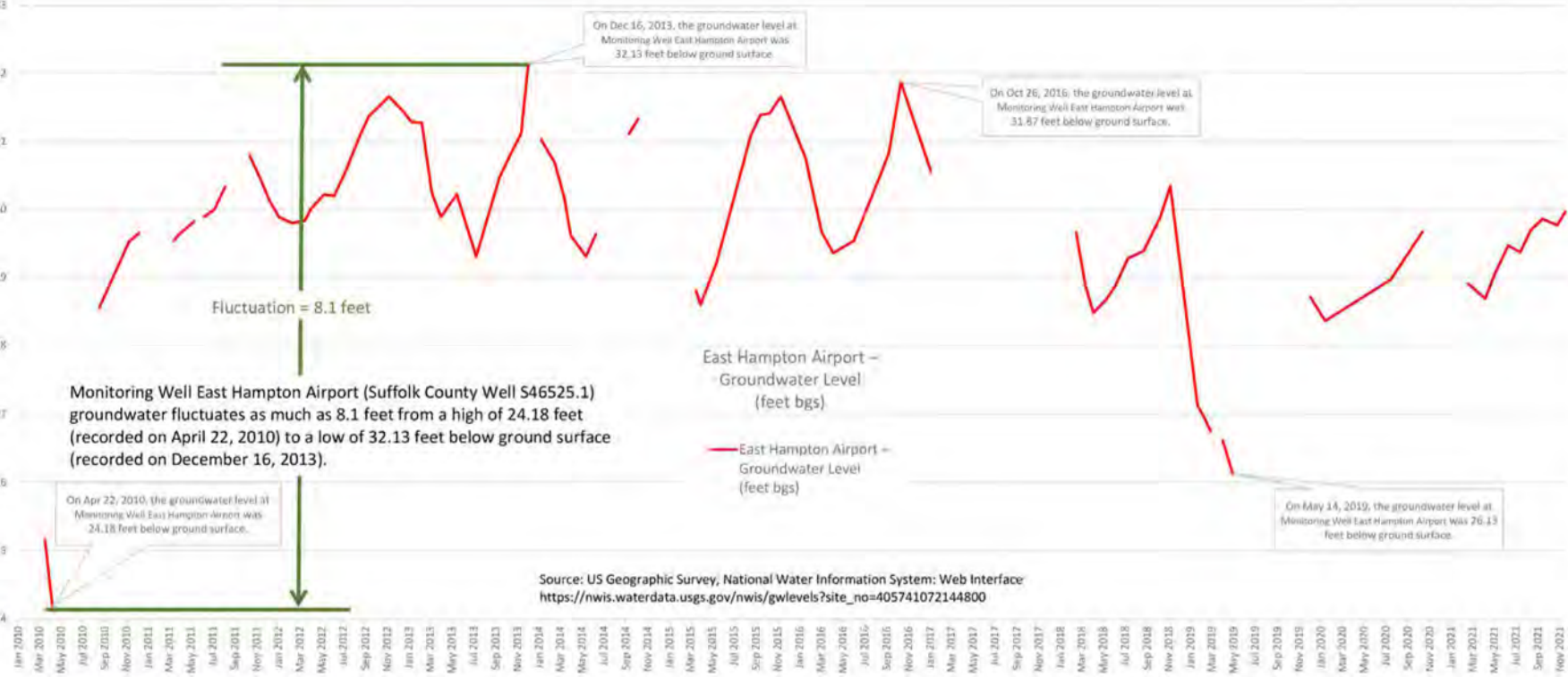
Wainscott Pond –  
Groundwater Level  
(feet bgs)

— Wainscott Pond –  
Groundwater Level  
(feet bgs)

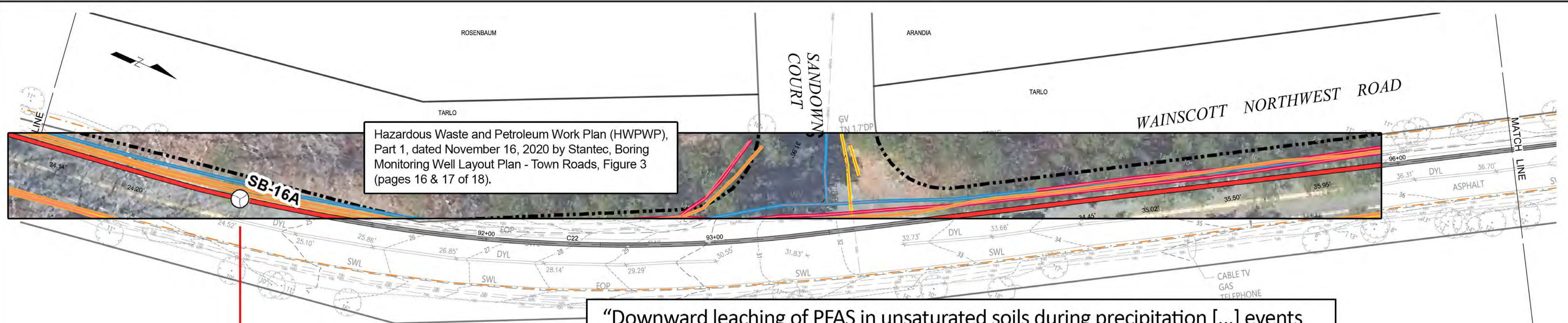
Source: US Geographic Survey, National Water Information System: Web Interface  
[https://nwis.waterdata.usgs.gov/nwis/gwlevels?site\\_no=405600072150002](https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=405600072150002)





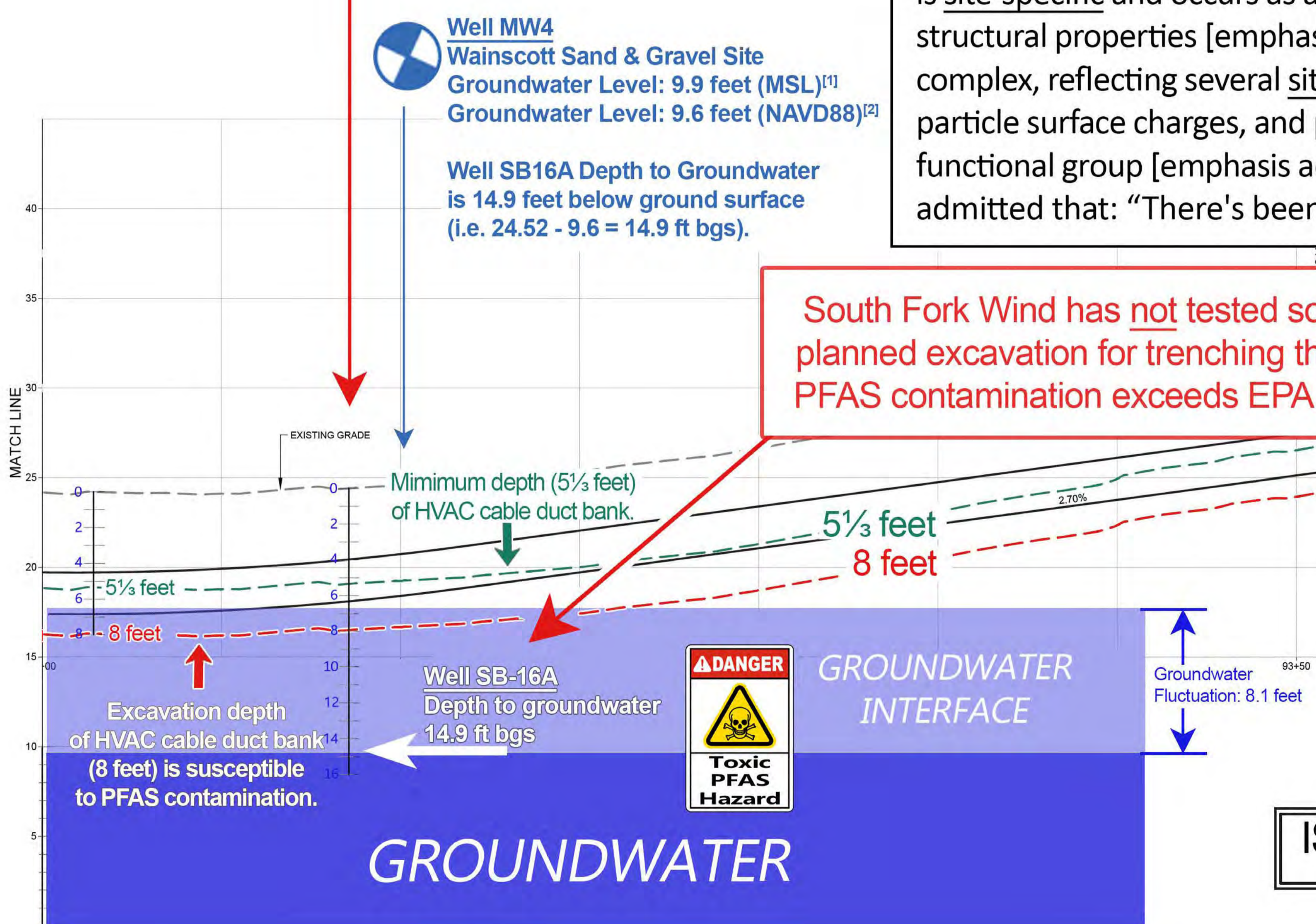






“Downward leaching of PFAS in unsaturated soils during precipitation [...] events is site-specific and occurs as a function of media [i.e. type of soil] and PFAS structural properties [emphasis added].”<sup>[3]</sup> Also, “PFAS distribution in soils is complex, reflecting several site-specific factors such as total organic carbon (TOC), particle surface charges, and phase interfaces [...] C-F chain length and ionic functional group [emphasis added].”<sup>[4]</sup> During cross-examination, South Fork Wind admitted that: “There's been no sampling of the carbon content of the soil.”<sup>[5]</sup>

South Fork Wind has not tested soil from the bottom of its planned excavation for trenching through in an area where PFAS contamination exceeds EPA Health Advisory Levels.



- Notes:**
- [1] See Wainscott Sand & Gravel Site Characterization Report by HDR, published July 2020. NYS DEC Code 152254 (at p. 91 of 631). Well MW4: 9.90 ft “groundwater elevations are shown in ft amsl.”
  - [2] Groundwater Level (in feet NAVD88), converted from Mean Sea Level (9.9 ft MSL) via NOAA Online Vertical Datum Transformer at: [https://vdatum.noaa.gov/runapp\\_agreement.php](https://vdatum.noaa.gov/runapp_agreement.php)
  - [3] See ITRC Environmental Fate and Transport for PFAS, NYS Public Service commission Case 18-T-0604, South Fork Wind Exhibit OWRP-3 (DMM #198)(at p. 7, third bullet-point in the blue box)
  - [4] *Id.* (DMM #198)(at p. 10, last paragraph)
  - [5] NYS Pulic Service Commission, Case 18-T-0604, Cross-examination by Kinsella of South Fork Wind On-shore Water Resources Panel (Kenneth Bowes, Jeffery Holden, and Matthew O'Neill), December 3, 2020 (at p. 155, lines 21-22)

**ISSUED FOR PERMIT**  
NOT FOR CONSTRUCTION

UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

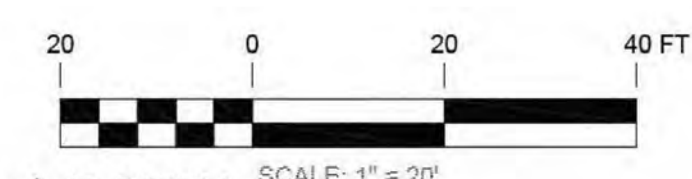
<b>TRC</b>	249 WESTERN AVENUE AUGUSTA, ME 04330	PROJECT NO: 386977			
REV	DESCRIPTION	DATE	DES	CHK	APP
F	ISSUED FOR CLIENT REVIEW	11/01/21	DED	CTJ	KGM
E	RE-ISSUED FOR PERMIT	03/19/21	DED	AMW	KGM
D	ISSUED FOR PERMIT	02/19/21	DED	AMW	KGM
C	ISSUED FOR RE-70% CLIENT REVIEW	01/12/21	DED	AMW	KGM

REVISIONS DURING CONSTRUCTION			
NO.	DATE	AS BUILT REVISIONS	BY

**South Fork Wind** | Powered by Ørsted & Eversource

**SOUTH FORK 138/69KV UNDERGROUND TRANSMISSION PLAN & PROFILE**  
EAST HAMPTON, NY

BY	TRC	CHKD	DED	APP	AMW	APP	KGM
DATE	07/08/20	DATE	07/08/20	DATE	07/08/20	DATE	07/08/20
SCALE	1" = 20'	SCALE	1" = 4'	SCALE	ARCH D	SCALE	FIELD BOOK & PAGES
FILE NUMBER		FILE NUMBER		FILE NUMBER		FILE NUMBER	

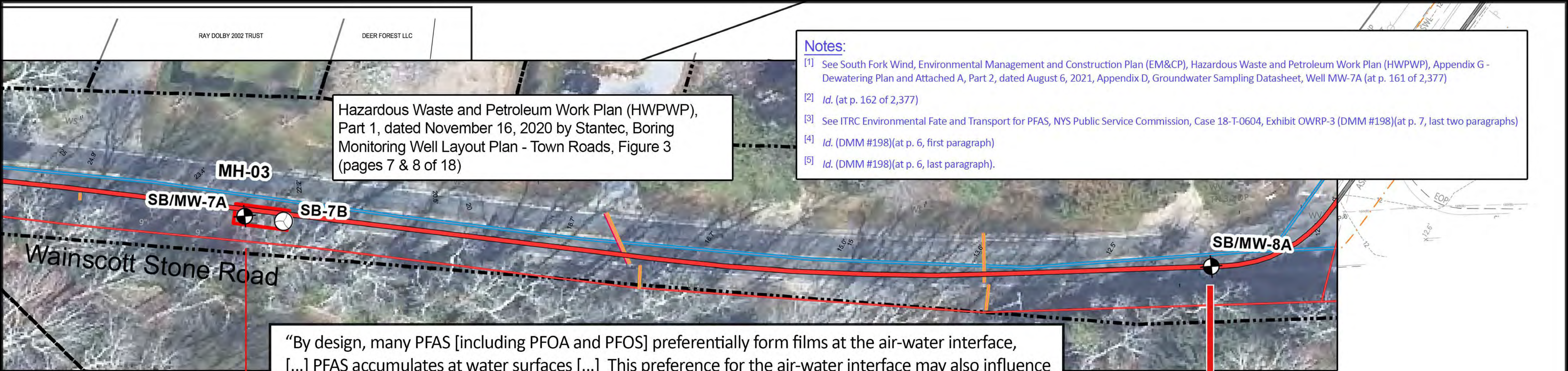




Notes:

- [1] See South Fork Wind, Environmental Management and Construction Plan (EM&CP), Hazardous Waste and Petroleum Work Plan (HWPWP), Appendix G - Dewatering Plan and Attached A, Part 2, dated August 6, 2021, Appendix D, Groundwater Sampling Datasheet, Well MW-7A (at p. 161 of 2,377)
- [2] *Id.* (at p. 162 of 2,377)
- [3] See ITRC Environmental Fate and Transport for PFAS, NYS Public Service Commission, Case 18-T-0604, Exhibit OWRP-3 (DMM #198)(at p. 7, last two paragraphs)
- [4] *Id.* (DMM #198)(at p. 6, first paragraph)
- [5] *Id.* (DMM #198)(at p. 6, last paragraph).

Hazardous Waste and Petroleum Work Plan (HWPWP), Part 1, dated November 16, 2020 by Stantec, Boring Monitoring Well Layout Plan - Town Roads, Figure 3 (pages 7 & 8 of 18)

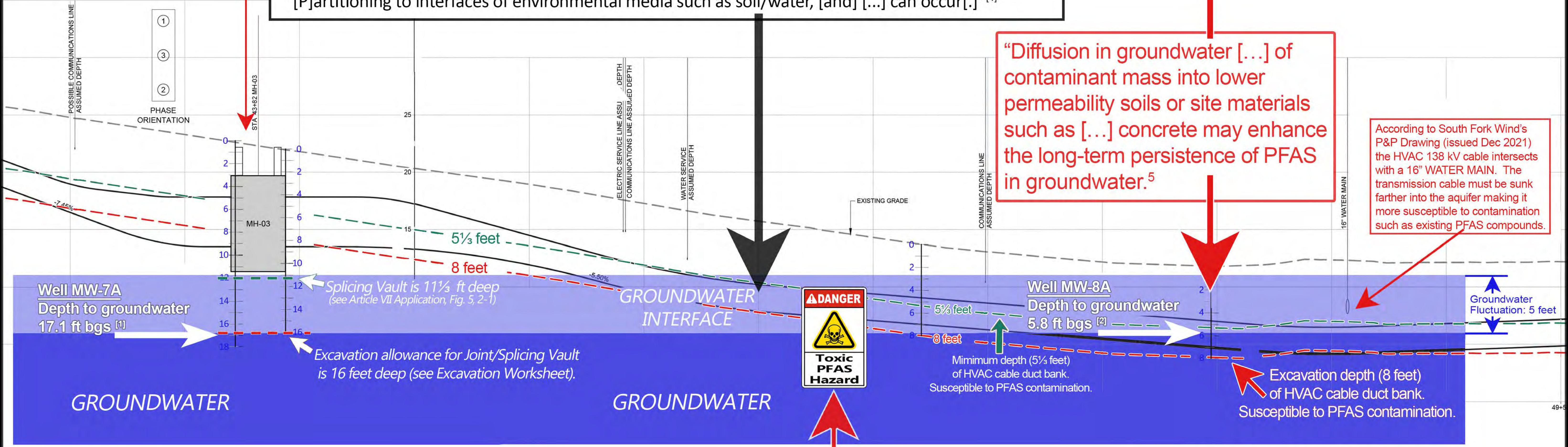


“By design, many PFAS [including PFOA and PFOS] preferentially form films at the air-water interface, [...] PFAS accumulates at water surfaces [...] This preference for the air-water interface may also influence vadose zone transport, where unsaturated conditions provide significant air-water interfacial area.”<sup>[3]</sup>

“[P]artitioning to interfaces of environmental media such as soil/water, [and] [...] can occur[.]”<sup>[4]</sup>

“Diffusion in groundwater [...] of contaminant mass into lower permeability soils or site materials such as [...] concrete may enhance the long-term persistence of PFAS in groundwater.”<sup>5</sup>

According to South Fork Wind's P&P Drawing (issued Dec 2021) the HVAC 138 kV cable intersects with a 16" WATER MAIN. The transmission cable must be sunk farther into the aquifer making it more susceptible to contamination such as existing PFAS compounds.



South Fork Wind has not tested soil from the bottom of its planned excavation for trenching through in an area where PFAS contamination exceeds regulatory limits.

**ISSUED FOR PERMIT**  
NOT FOR CONSTRUCTION

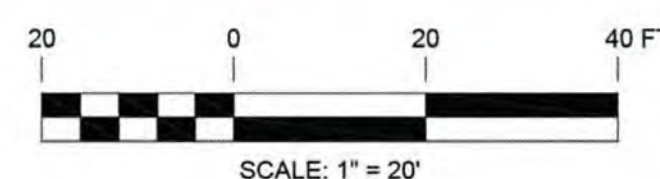
UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

<b>TRC</b>		249 WESTERN AVENUE AUGUSTA, ME 04330	PROJECT NO: 386977		
REV	DESCRIPTION	DATE	DES	CHK	APP
F	ISSUED FOR CLIENT REVIEW	11/01/21	DED	CTJ	KGM
E	RE-ISSUED FOR PERMIT	03/19/21	DED	AMW	KGM
D	ISSUED FOR PERMIT	02/19/21	DED	AMW	KGM
C	ISSUED FOR RE-70% CLIENT REVIEW	01/12/21	DED	AMW	KGM

**South Fork Wind** | Powered by Ørsted & Eversource

SOUTH FORK  
138/69KV UNDERGROUND TRANSMISSION  
PLAN & PROFILE  
EAST HAMPTON, NY

BY	TRC	CHKD	DED	APP	AMW	APP	KGM
DATE	07/08/20	DATE	07/08/20	DATE	07/08/20	DATE	07/08/20
HSCALE	1" = 20'	SIZE	ARCH D	FIELD BOOK & PAGES			
VSCALE	1" = 4'	V.S.		REV. DWG.			



DATE	AS BUILT REVISIONS	BY	CHK	APP	APP



A photograph of a construction site showing a deep trench. Three workers are visible: one in a white hard hat and yellow vest, one in a blue hard hat with 'IBEW' and 'SUNBELT' logos and a yellow vest, and one in a green hard hat. They are surrounded by metal shoring and a yellow ladder. The trench walls are concrete. In the background, there are stacks of rebar and other construction materials. An orange traffic cone is visible on the left. The text 'South Fork Wind - Construction Wainscott Northwest Rd March 21, 2022' is overlaid in the top right corner.

South Fork Wind -  
Construction  
Wainscott Northwest Rd  
March 21, 2022





South Fork Wind -  
Construction  
Wainscott Northwest Rd  
March 21, 2022





South Fork Wind - Construction  
Wainscott Northwest Road, March 21, 2022





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South Fork Wind - Construction  
Wainscott Northwest Road, March 21, 2022



South Fork Wind - Construction  
Beach Lane, Wainscott  
on March 14, 2022





South Fork Wind - Construction  
Beach Lane, Wainscott  
on March 14, 2022







South Fork Wind - Construction  
Beach Lane, Wainscott  
on March 14, 2022



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South Fork Wind - Construction  
Beach Lane, Wainscott on March 14, 2022







South Fork Wind - Construction

Wainscott Northwest Road, March 21, 2022





Department of  
Environmental  
Conservation

# State Superfund Program

## Citizen Participation Plan for East Hampton Airport

July 2020

Site #152250  
200 Daniels Hole Road  
Wainscott  
Suffolk County, New York

**Note:** The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.





## State Superfund Program

No changes were made to the August 2020 Citizen Participation Plan, except for adding some contacts' names and addresses to Appendix A and B.

A "Citizen Participation Specialist" was added to Appendix A.

### Citizen Participation Plan for East Hampton Airport

August 2020

Site #152250  
200 Daniels Hole Road  
Wainscott  
Suffolk County, New York

To Appendix B - Site Contact List, was added Bridget Fleming, Ken LaValle, and Fred Thiele. Also, Adrienne Esposito (of Citizen's Campaign for the Environment), Robert DeLuca (of Group for the East End), and Dick Amper (of the Long Island Pine Barrens Society) were added, as well as Newsday, News 12, the East Hampton School District Superintendent, Richard Burns, and someone from the Wainscott School (no name provided).

**Note:** The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.





## State Superfund Program

The only change the Town made to the Citizen Participation Plan, was to change its name to the Public Participation Plan.

It took the Town a year (from August 26, 2020 to August 31, 2021) to make that change.

The Remedial Investigation/Feasibility Study Work Plan, dated May 2021, reads: "A Citizen Participation Plan (CPP) has been approved for this Site" (at p. 3-1).

### Public Participation Plan for East Hampton Airport

August 2021

Site #152250  
200 Daniels Hole Road  
Wainscott  
Suffolk County, New York

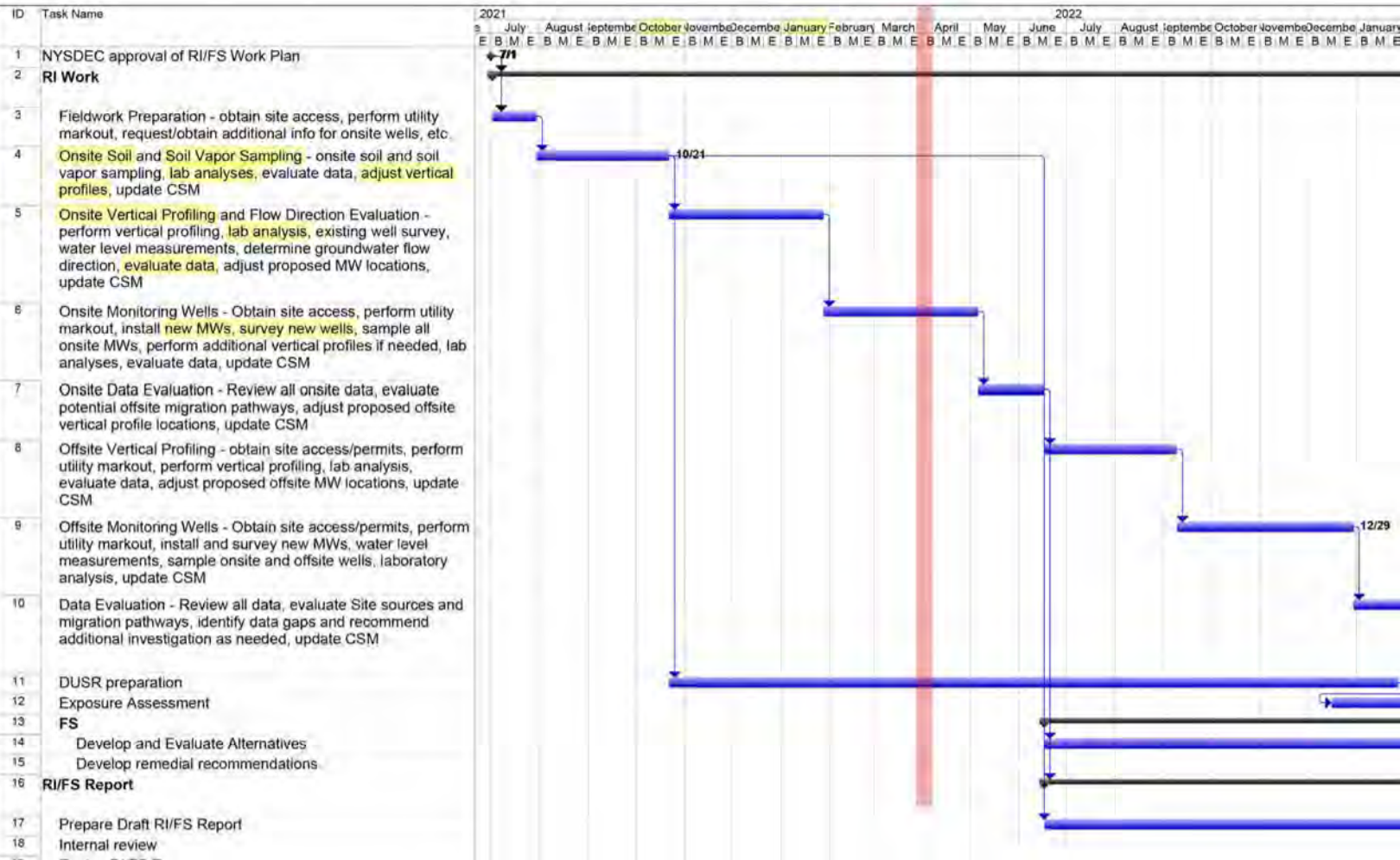
... there was also one important addition to Appendix B, Site Contact List - the inclusion of Simon Kinsella, PO Box 792 Wainscott, NY 11975.

Although, it shouldn't take a year to add an address.

**Note:** The information presented in this Public Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Public Participation Plan may be revised during the site's investigation and cleanup process.



**FIGURE 3.7.1  
RI/FS SCHEDULE  
EAST HAMPTON AIRPORT SITE  
WAINSCOTT, NEW YORK**





According to the Order on Consent and Administrative Settlement (signed by Town Supervisor Peter Van Scoyoc on May 20, 2020), “[w]ithin twenty (20) days [by July 23, 2020] after the effective date [July 3, 2020] of this Order, Respondent [Town] shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of ECL [Environmental Conservation Law] §27-1417 [...]”

ECL §27-1417 requires that the citizen participation plan (CPP) shall “encourage citizen involvement by outlining opportunities and recommended methods for effective citizen participation [...] embody the [...] principles of meaningful citizen participation [including the] opportunities for citizen involvement [...] as early as possible in the decision making process prior to the selection of a preferred course of action [and] full, timely, and accessible disclosure and sharing of information by the department shall be provided, including the provision of technical data and the assumptions upon which the analyses are based.”

The Town complied with the mandated deadline to submit the citizen participation plan (i.e., by July 23, 2020).

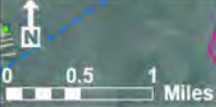
However, it has been nearly two years since the DEC approved the CPP for the Airport, and, still, the Town has not complied with New York State Environmental Conservation Law.

Will the Town please implement the airport citizen participation plan now?



Appendix D to Initial Report on Power Grid Study  
 Figure 6-11. Constraints for Onshore Routes in Brooklyn  
 Source: WSP 2020; DNGL 2020; PLATTS 2009; NPMS 2006; NRHP2017; NYC Aqueducts 2020; NYC Subways 2017; NYC Sewer 2019; DEC Rem 2010; ESRJ 2020. (See Annex B, Part 1: GIS Data Source List for full list of figure references.)

- Cable Landing Site
- ConEd POI
- Onshore Route
- Aquaducts/Tunnels - NYC Water Supply
- Subway Line Tunnel/Bridge
- Transmission Line (PLATTS 2009)
- Pipeline (NPMS 2006)
- NYC Major Sewer Lines
- NRHP Point
- NRHP Area
- DEC Remediation Site Status**
- Clas 2, 3, 4
- Class A (Active)
- Class C (Completed)



**South Brooklyn Marine Terminal Development**

**Empire Wind Cable Landing Site (345 kV)**



**Gowanus Substation**



News Releases: [Region 02](#)

# EPA Updates Superfund National Priorities List to Clean Up Pollution, Address Public Health Risks, and Build a Better America

March 17, 2022

**NEW YORK** - Today, the U.S. Environmental Protection Agency (EPA) announced that it is adding 12 sites and proposing to add another five, including the Lower Hackensack River, to the Superfund National Priorities List (NPL). The federal NPL includes sites where releases of contamination pose significant human health and environmental risks.

Superfund cleanups provide health and economic benefits to communities. The program is credited for significant reductions in both birth defects and blood-lead levels among children living near sites, and research has shown residential property values increase up to 24 percent within three miles of sites after cleanup.

Further, thanks to Superfund cleanups, communities are now using previously blighted properties for a wide range of purposes, including retail businesses, office space, public parks, residences, warehouses, and solar power generation. As of 2021, EPA has collected economic data on 650 Superfund sites. At these sites, there are 10,230 businesses operating on these sites, 246,000 people employed, an estimated \$18.6 billion in income earned by employees, and \$65.8 billion in sales generated by businesses.

With this Superfund NPL update, the Biden-Harris Administration is following through on its commitment to update the NPL twice a year, as opposed to once per year. The Superfund Program is also part of President Biden's Justice40 initiative, which aims to ensure that federal agencies deliver at least 40 percent of benefits from certain investments to underserved communities.

## Contact Information

Stephen McBay ([mcbay.stephen@epa.gov](mailto:mcbay.stephen@epa.gov))  
(212)-637-3672