Exhibit A

GIS VIEWER

Suffolk County, NY

Find address or place

Tax Map #: 0300-193.00-02.00-002.000

PARCEL ID	0300193000200002000
ADDRESS NUMBER	
STREET	
CITY	
ZIP CODE	
ACRE CALCULATED	2.523000
SCHOOL DISTRICT ID	
LAND USE CODE	UNK
OWNER	TOWN OF EAST HAMPTON

Zoom to

OFF STEPHAN HA PTH WAINSCOTT 11975

Tax Map #: 0300-193.00-02.00-003.000

PARCEL ID	0300193000200003000
ADDRESS NUMBER	
STREET	OFF STEPHAN HA PTH
CITY	WAINSCOTT
ZIP CODE	11975
ACRE CALCULATED	1.107000
SCHOOL DISTRICT ID	472402
LAND USE CODE	721
OWNER	TOWN OF EAST HAMPTON

Zoom to

106 STEPHAN HANDS PTH WAINSCOTT 11975

Tax Map #: 0300-193.00-02.00-004.000

PARCEL ID	0300193000200004000
ADDRESS NUMBER	106
STREET	STEPHAN HANDS PTH
CITY	WAINSCOTT
ZIP CODE	11975
ACRE CALCULATED	8.927000
SCHOOL DISTRICT ID	472402
LAND USE CODE	721
OWNER	TOWN OF EAST HAMPTON

Zoom to

89.2'
162.4'
142'
441.3'
213.2'
153,767sq ft
1,917.5'
228.2'
50.6'
51.1'
257.1'
178.9'
66.4'

100ft

1,473,617.263 292,279.838 Feet

POWERED BY esri

National Wetlands Inventory
surface waters and wetlands

ABOUT | GET DATA | PRINT | FIND LOCATION

Measure

Acres

Measurement Result

3.8 Acres

LEGEND

Exhibit B

PUBHx

PUBHx

PFO4E

East Hampton

PFO1/4R

1:1,128
40.955 | -72.229

U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov | New York State, Maxar, Micros...

POWERED BY esri

Exhibit C

EH-1

OBJECTID	1078
Wetland ID	EH-1
Regulatory Acreage	33.200000
Acreage	33.200000
Polygon Acreage	4.700000
Class	Class I
Shape.STArea()	146889.696077
Shape.STLength()	2202.597652

Zoom to ...

(1 of 3)

56 WEST DR SPRINGS 11937

Tax Map #: 0300-145.00-04.00-005.001

PARCEL ID	0300145000400005001
ADDRESS NUMBER	56
STREET	WEST DR
CITY	SPRINGS
ZIP CODE	11937
ACRE CALCULATED	0.137000
SCHOOL DISTRICT ID	
LAND USE CODE	311
OWNER	56 WEST DRIVE LLC

Zoom to ...

(2 of 2)

Tax Map #: 0300-145.00-04.00-012.004

PARCEL ID	0300145000400012004
ADDRESS NUMBER	
STREET	
CITY	
ZIP CODE	
ACRE CALCULATED	0.988000
SCHOOL DISTRICT ID	
LAND USE CODE	400
OWNER	SPRINGS FIREPLACE ROAD HOLDINGS LLC

Zoom to ...

400ft

Exhibit D

EH-1

OBJECTID	1078
Wetland ID	EH-1
Regulatory Acreage	33.200000
Acreage	33.200000
Polygon Acreage	4.700000
Class	Class I
Shape.STArea()	146889.696077
Shape.STLength()	2202.597652

Zoom to

(1 of 3)

56 WEST DR SPRINGS 11937

Tax Map #: 0300-145.00-04.00-005.001	
PARCEL ID	0300145000400005001
ADDRESS NUMBER	56
STREET	WEST DR
CITY	SPRINGS
ZIP CODE	11937
ACRE CALCULATED	0.137000
SCHOOL DISTRICT ID	
LAND USE CODE	311
OWNER	56 WEST DRIVE LLC

Zoom to

(2 of 2)

Tax Map #: 0300-145.00-04.00-012.004	
PARCEL ID	0300145000400012004
ADDRESS NUMBER	
STREET	
CITY	
ZIP CODE	
ACRE CALCULATED	0.988000
SCHOOL DISTRICT ID	
LAND USE CODE	400
OWNER	SPRINGS FIREPLACE ROAD HOLDINGS LLC

Zoom to

Tan Bark Trl
West Dr
Jefferson Ave
Washington Ave
Morris Park Ln
Austin Rd
Warwick Rd
Neighborhood House Dr
Ocean Blvd
Cedar Dr
Amagansett Dr E
S Ocean Blvd
Queens Ln
Suffolk St
400ft

LONG ISLAND/ENVIRONMENT
ONLY IN NEWSDAY

'Forever chemicals' found in Suffolk's private water wells since 2016, data shows

By Vera Chinese
vera.chinese@newsday.com @VeraChinese
Updated April 4, 2022 1:07 pm

Owners of private water wells are concerned over a lack of testing and an increase of contaminants on Long Island. Newsday's Steve Langford reports. Credit: Randee Daddona and Kendall Rodriguez

Two years after "forever chemicals" were regulated by the state, Long Island's health departments are not offering testing for the compounds, which have been found in hundreds of homeowners' private wells, county officials said.

Forever chemicals, perflourinated compounds also known as PFAS, have been linked to immune system problems, cancers and other health impacts, according to the U.S. Environmental Protection Agency.

Perfluorinated compounds are a group of human-made chemicals that have been used in firefighting foam, food packaging and other stain and water-resistant products. They don't break down easily, hence the nickname "forever chemicals."

Suffolk County does not have the capability to test private wells for PFAS, but the compounds have been detected in hundreds of the county's wells since 2016, according to data obtained by Newsday. County health officials could

WHAT TO KOW

- **PFAS are commonly found** in the environment, but New York State does not regulate PFAS in private wells.
- **High-dose studies in animals indicate** that exposure to water with PFAS can cause a wide range of health effects, with the most consistent findings being effects on the liver, immune system, and impaired fetal growth and development.
- **Information on the health risks associated** with PFAS comes mostly from studies of high-level exposure in laboratory animals. Less is known about the chances of human health effects occurring from lower levels of exposure.
- **Using a filter, even a relatively** inexpensive filtered water pitcher, can reduce your exposure to PFAS.

Source: New York State Department of Health

not estimate how many of the 45,000 wells serving an estimated 200,000 people might be impacted.

Nassau has only 500 private wells serving an estimated 1,500 people, county spokesperson Chris Boyle said. The county does not have the ability to test for the compounds and could not provide data on how many wells might contain PFAS, he said.

New York State in 2020 set drinking water standards for perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA), the most studied PFAS compounds, at 10 parts per trillion. The amount of PFOS and PFOA permitted

in drinking water is so low that it is the equivalent of 10 grains of sand in an Olympic-size swimming pool.

Private well survey results

Results include testing for perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA), both forever chemicals deemed dangerous even in minuscule quantities. The state's maximum contaminant level for both are 10 parts per trillion.

Private Well Survey Title	Hamlet	No. of wells sampled	Wells w/ PFOS over 10 ppt	Wells w/ PFOA over 10 ppt	Total w/ PFOS or PFOA over 10 ppt	Maximum PFOS/PFOA Concentration
Wainscott/East Hampton Airport	Wainscott	504	46	34	65	791.00
Yaphank Firematics	Yaphank	46	32	17	32	1,024.00
ANG Gabreski	Westhampton	61	13	6	13	1,880.00
Former Damascus Rd	East Quogue	98	7	6	11	220.40
Old Country Rd. Westhampton	Westhampton	41	9	9	11	204.00
Speonk Solvent Plume	Speonk	56	5	7	9	66.00
VID Industries/Morabito Landfill Vicinity^^	East Patchogue	13	3	8	9	52.00
Old Country Rd. Westhampton Repeat 2020	Westhampton	51	4	4	6	54.50
BNL	Upton/Shirley	83	2	5	5	123.00
Navy (former Grumman Site)	Calverton	108	5	1	5	98.50
SCWA Church Street Well Field /MacArthur Airport**	Bohemia	7	3	4	4	673.00

Private Well Survey Title	Hamlet	No. of wells sampled	Wells w/ PFOS over 10 ppt	Wells w/ PFOA over 10 ppt	Total w/ PFOS or PFOA over 10 ppt	Maximum PFOS/PFOA Concentration
Freon-12 (Middle Road)+++	Calverton	25	4	1	4	72.00
Brookhaven Town Landfill	Brookhaven	10	1	3	3	44.60
East Patchogue/Medford (Vacinity of the SCWA Foxcroft Well Field)	E. Patchogue /Medford	35	0	3	3	21.70
Bull Path Landfill	East Hampton	60	0	3	3	18.30
South River Rd	Calverton	6	2	0	2	49.28
Sebonac Road Vicinity	Southampton	4	2	1	2	46.00
Gerald Wright	Deer Park	2	2	1	2	35.70
Hampton Bays Water District	Hampton Bays	4	0	2	2	31.70
SCWA North Rd Well Field	Greenport	3	1	1	2	30.60
Quogue	Vicinity of Quogue	18	0	2	2	26.00
Smithtown Highway Yard	Smithtown	3	1	1	1	154.40
Ranch Court	Sagaponack	12	0	1	1	109.00
SCWA Great Neck Rd Well Field (vicinity of Republic Airport)	Amityville	1	1	1	1	48.50
Oakside Drive	Smithtown	32	1	0	1	48.30
Eastport Landfill	Eastport	1	0	1	1	40.85
Gerald Wright Repeat 2021	Deer Park	1	1	1	1	40.00

Private Well Survey Title	Hamlet	No. of wells sampled	Wells w/ PFOS over 10 ppt	Wells w/ PFOA over 10 ppt	Total w/ PFOS or PFOA over 10 ppt	Maximum PFOS/PFOA Concentration
Roanoke Sand & Gravel	Middle Island	11	1	0	1	17.70
Forge Rd	Calverton	1	0	0	0	-
Hampton Bays Landfill /Fire Training Area	Hampton Bays	2	0	0	0	-
North Cartwright Road Vicinity	Shelter Island	1	0	0	0	-
Sand Land	Noyac	22	0	0	0	-
SCWA Falcon Drive Well Field	Hauppauge	0	0	0	0	-
SCWA Oxhead Rd Well Field	Stony Brook	0	0	0	0	-
SCWA Stem Lane Well Field	South Setauket	1	0	0	0	-
SCWA Wheeler Rd Well Field	Smithtown	0	0	0	0	-
Watch Hill Sand and Gravel	Islip	0	0	0	0	-
Yaphank Firematics 2020	Yaphank	0	0	0	0	-
Yaphank Firematics 2021	Yaphank	0	0	0	0	-
Coram Sand & Gravel (Brookhaven 7 Aggregates)	Miller Place	7	0	0	0	13.45
Shelter Island	Shelter Island	7	0	0	0	9.83
East Quogue	Vacinity of East Quogue	18	0	0	0	9.80
Old Northport Road Area	Kings Park	18	0	0	0	9.80
Manorville - s/o Navy/Grumman Site	Manorville	19	0	0	0	7.60

Private Well Survey Title	Hamlet	No. of wells sampled	Wells w/ PFOS over 10 ppt	Wells w/ PFOA over 10 ppt	Total w/ PFOS or PFOA over 10 ppt	Maximum PFOS/PFOA Concentration
Robert Cushman Murphy County Park	Manorville	4	0	0	0	7.50
BNL – 2021	Upton/Shirley	5	0	0	0	7.20
BNL - 2020	Upton/Shirley	5	0	0	0	5.20
Riverhead Landfill	Riverhead	3	0	0	0	3.87
Manorville Landfill	Manorville	6	0	0	0	3.37
TOTALS		1,415	146	123	202	6,098.65

Suffolk hopes to soon have the in-house ability to test for PFAS. The county "has a sophisticated and accredited laboratory, but is not yet equipped to analyze samples for PFAS, which requires specialized equipment," Department of Health Services spokeswoman Grace Kelly-McGovern wrote in an email. "The department is in the process of establishing that capability and anticipates that it will be operational by the end of the year."

Here are things to know about PFAS.

What are PFAS?

Long Island relies on underground aquifers for drinking water, drilling wells sometimes hundreds of feet deep into water-saturated sand to supply its taps.

That groundwater also has been the landing spot for decades of industrial, commercial, agricultural and residential pollution. That contamination has led to efforts to test and treat water out of concern over possible health effects. A 2019 report from the Albany-based New York Public Interest Research Group found that Long Island had the most emerging contaminants in its drinking water than any other region in the state.

On Long Island, firefighting training sites are known to cause PFAS contamination, but so can inactive landfills, wastewater treatment plants, paper mills and any site that dealt in textiles, said David Andrews, a senior scientist with the Environmental Working Group, a Washington, D.C.-based national nonprofit advocacy organization.

“Because these chemicals have been used in so many different products, and with really little oversight and scrutiny, it turns out that landfill waste in particular can be a significant source of contamination,” Andrews said.

A 2020 study from Andrews’ organization estimates that 200 million Americans are drinking water with detectable levels of PFOS or PFOA, and that 18 million to 80 million are drinking water above New York’s state standard.

Why would PFAS be in private wells?

Private well pollution from lead, bacteria and other contaminants always has been an area of concern, but environmental advocates said PFAS has elevated the issue because the chemicals are more widespread and considered harmful in tiny amounts.

Public water is regularly tested and treated to meet state drinking water standards, while private wells are pumped directly from the ground with no mandate to test or treat.

Suffolk residents who test through a private lab, which the state estimates can cost $300 to $600 per test, and receive a PFAS reading above state drinking water standards should contact the county health department, Kelly-McGovern said.

Thousands of people on Long Island rarely, or, in some cases, never test their private wells, advocates said.

“Ignorance is not bliss. Ignorance is dangerous,” said Adrienne Esposito, executive director of the Farmingdale-based Citizens Campaign for the Environment. “To compound it, most private well owners don’t even know

they should have their well tested. I talk to them and they're like, 'Well, it tastes good.' "

Where has PFAS been found?

New York State has investigated and taken action to remediate PFAS at targeted sites where contaminated groundwater has been discovered since 2016, according to the state Department of Health.

The Suffolk health department has surveyed private wells near airports, firefighter training sites, inactive landfills and more, and has found chemicals in hundreds of wells. These include wells in Wainscott south of East Hampton Airport and others near Francis S. Gabreski Airport in Westhampton Beach, Brookhaven National Laboratory in Upton, the Suffolk County Firematics Training Facility in Yaphank, and more.

The state health department stressed that the known issues have been addressed.

"To be clear, private well owners in known areas of potential concern in Suffolk County have already been sampled, and those with exceedances of state MCLs [maximum contaminant limits] have been provided with an alternative water system — bottled water, connection to public water supply, or a POET [Point of Entry Treatment] system," said Erin Silk, a spokeswoman for the state health department.

How many wells impacted?

The Suffolk health department is not yet sampling for PFAS in private wells through a program where homeowners pay $100 to have their wells tested. The county does, however, contract with other laboratories to test for PFAS through its private well survey program, which is typically conducted near sites where contamination already has been discovered.

Newsday obtained data showing that 689 of 1,415, 47%, of private wells the county sampled from 2016 until February 2022 through the survey program

had some detection of the compounds. Of those wells, 202 had detections of either PFOS or PFOA above drinking water standards.

The data suggests that many more Suffolk private wells could have some detection of the chemicals, environmentalists said. And those who've paid the county to sample their water wouldn't be made aware.

"Some people might have thought, we'll find the worst of this in 2017, when this was all really coming to light, but then it won't be a problem beyond that," said Rob Hayes, director of clean water for the Albany-based nonprofit Environmental Advocates NY.

"We are seeing still concerning levels of these PFAS chemicals, and I think that really shows that this problem is not just a blip on the radar. It's not going away," he added.

What are homeowners saying?

Frank Riina, of the East Hampton hamlet of Springs, stands in his basement next to a system that checks the water coming in from his private well. Credit: Randee Daddona

Frank Riina, a resident in the East Hampton Town hamlet of Springs and a retired teacher, is an advocate for private well testing and education. Riina said he tests his water every other year through the county's program, but had not considered that his water wasn't being sampled for PFAS until the issue was raised by Newsday. His results have otherwise all been within state drinking water standards.

"That does worry me," he said. "But this information [on emerging contaminants] comes to us in dribs and drabs."

Riina believes that greater access to public water is the answer for many people who have contamination in their wells. But for him, regular testing makes him feel comfortable sticking with private water even though he could connect to a public system if he wanted to.

In Calverton and Manorville, Kelly McClinchy, a middle school teacher in the Tuckahoe school district, has rallied her neighbors living south and east of the former Grumman naval weapons plant. The Suffolk health department tested 108 wells there in 2020 and found 16 had some PFAS and that additional wells had other contaminants.

Kelly McClinchy stands behind a sign outside her home in Manorville. She has rallied her neighbors living south and east of the former Grumman naval weapons plant. Credit: Randee Daddona

A $7 million allocation from a federal omnibus spending bill will fund the hookup to the public water supply for a total of 124 homes in both communities. Riverhead Town and the Suffolk County Water Authority will receive $3.5 million apiece from the $1.5 trillion omnibus spending bill agreement signed into law March 15 by President Joe Biden.

“This funding means access to clean water, and clean water means a great deal to our families and our future,” said McClinchy, whose own well tests have been within drinking water limits.

More testing to come

Groundwater investigations completed since 2017 by the DEC at 342 of 1,901 inactive landfills in the state found at least some PFAS in the water 97% of the time and above drinking water standards 71% of the time, according to the agency. An additional 326 investigations are in progress, according to the DEC. The agency also has investigated 1,096 state Brownfield and Superfund sites as of October. Of those, 734 were above drinking water standards for PFOA, and 685 were above drinking water standards for PFOS.

Of the 78 sites on Long Island, the Demascus Road landfill in East Quogue, where PFOS was discovered in a test well at 11,200 parts per trillion in 2018, was one of the highest priorities for remediation.

How much more contamination is out there is unknown.

“This is a significant problem that I think the full extent won't even be known necessarily for years,” Andrews said.

By Vera Chinese

vera.chinese@newsday.com@VeraChinese

Vera Chinese joined Newsday in 2017 and covers the towns of Southampton, East Hampton and Shelter Island. A Long Island native, she has reported on East End issues for 10 years.

Source:
www.newsday.com/long-island/environment/private-wells-testing-contaminants-drinking-water-pfas-v49xdvtl

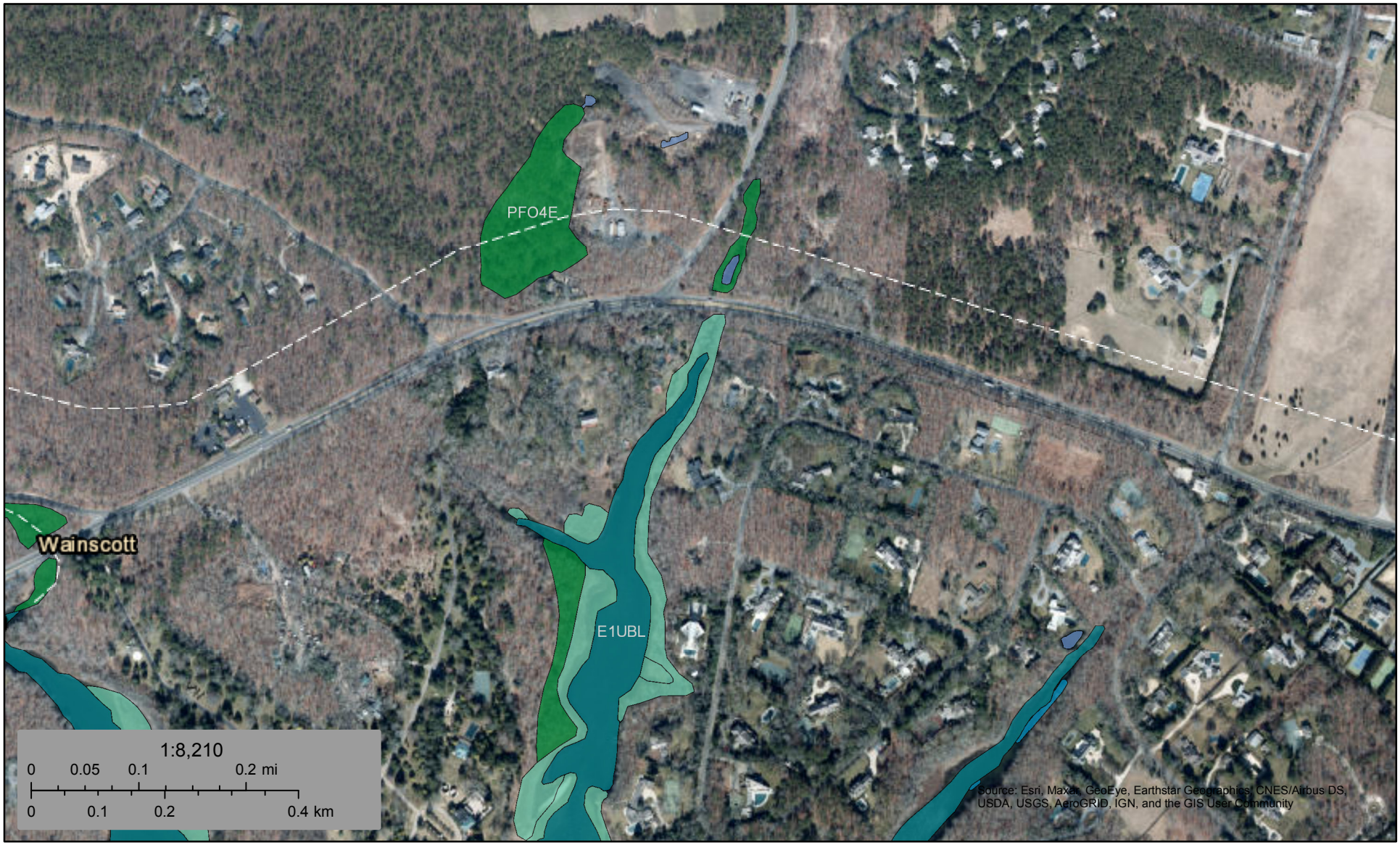
Exhibit F

South Fork Wind
Transition Vault
(with groundwater)
Beach Lane, Wainscott
on April 18, 2022

U.S. Fish and Wildlife Service

National Wetlands Inventory

Georgica Pond Site Exhibit G



April 26, 2022

Wetlands

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

Exhibit H

National Wetlands Inventory
surface waters and wetlands

ABOUT | GET DATA | PRINT | FIND LOCATION

Measure
Feet (US)
Measurement Result
1,439 Feet (US)

LEGEND

PUSCx

1:4,514
40.987 | -72.173

U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov | New York State, State of Conn...

POWERED BY esri

Three and a half years ago, the Town voted in favor of a resolution granting South Fork Wind[1] 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." [2]

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.[3]

---

[1] South Fork Wind LLC (formerly Deepwater Wind South Fork LLC)

[2] Town Board Resolution 2018-888, dated July 19, 2018 (attached).

[3] 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.

Fig. 3

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).

EH-19A		
Analytes	Concentration (ng/g)	
PFOS 3,900 ppt	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)
PFOS - 12,000 ppt PFHxS - 3,800 ppt PFOA - 3,800 ppt	8/9/2018
	0-1'
Perfluorooctane sulfonic acid (PFOS)	12
Perfluorooctanoic acid (PFOA)	3.8

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

EH-19A1
EH-19A
EH-19A2
EH-19B
EH-19B1
EH-1
<500 ft
EH-10

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

Sample:	WSG-MW-6-10-0
Date:	11/6/2019
Depth (ft):	6
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)	**2850**
Perfluorotridcanoic Acid (PFTriA)	1.49 J
Perfluoroundecanoic Acid (PFUnA)	**333**
Perfluorooctane Sulfonic Acid (PFOS)	**151**
Perfluorooctanoic acid (PFOA)	**26.1**
Total PFOA and PFOS	**177.1**
Total PFAS	**3626.39**

MW-6

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

MW-5

Groundwater Flow

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

MW-3
SB-16A

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)

Sample:	WSG-MW4-10-0
Date:	11/7/2019
Depth (ft):	10
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)	**232**
Perfluorooctanoic acid (PFOA)	5.57
Total PFOA and PFOS	**237.57**
Total PFAS	290.03

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

SB-16A
MW-4

South For Wind
Proposed Construction Corridor

Fig. 2

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).

EH-19A		
Analytes	Concentration (ng/g)	
PFOS 3,900 ppt	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)
PFOS - 12,000 ppt PFHxS - 3,800 ppt PFOA - 3,800 ppt	8/9/2018
	0-1'
Perfluorooctane sulfonic acid (PFOS)	**12**
Perfluorooctanoic acid (PFOA)	**3.8**

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

EH-19A1
EH-19A
EH-19A2
EH-19B
EH-19B1
EH-1
<500 ft
EH-10

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

Groundwater Flow

Sample:	WSG-MW-6-10-0
Date:	11/6/2019
Depth (ft):	6
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)	**2850**
Perfluorotridcanoic Acid (PFTriA)	1.49 J
Perfluoroundecanoic Acid (PFUnA)	**333**
Perfluorooctane Sulfonic Acid (PFOS)	**151**
Perfluorooctanoic acid (PFOA)	**26.1**
Total PFOA and PFOS	**177.1**
Total PFAS	**3626.39**

MW-6
MW-5
MW-3
SB-16A
SB-16A
MW-4

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

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

Sample:	WSG-MW4-10-0
Date:	11/7/2019
Depth (ft):	10
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)	**232**
Perfluorooctanoic acid (PFOA)	5.57
Total PFOA and PFOS	**237.57**
Total PFAS	290.03

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

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

Groundwater Flow

South Fork Wind: Route A Construction Corridor

Wainscott Sand & Gravel

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	J 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	J 1.42 ppt (ng/L)
PFOS	J 1.03 ppt (ng/L)
PFHxS	J 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)*

Groundwater Flow

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*

Groundwater Flow

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).

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

Groundwater Flow

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

J = approximated value

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

South Fork Wind: Route A Construction Corridor

Wainscott Sand & Gravel

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)*

Groundwater Flow

Groundwater Flow

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).

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	**0.012 J, B**	< 0.0092	**0.13 J, B**	**0.014 J, B**	< 0.22
Perfluorobutanoic acid (PFBA)	µg/kg	< 0.20	< 0.20	< 0.20	**0.26 J**	< 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	**0.025 J**	**0.03 J**	**0.08 J**	**0.24**	**0.047 J**
Perfluorohexanesulfonic acid (PFHxS)	µg/kg	**0.027 J, B**	**0.02 J B**	**0.17 J, B**	**0.021 J, B**	**0.017 J, B**
Perfluorohexanoic acid (PFHxA)	µg/kg	**0.033 J**	**0.03 J**	**0.067 J**	**0.17 J**	< 0.22
Perfluorononanoic acid (PFNA)	µg/kg	**0.055 J**	**0.049 J**	< 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	**0.14 J**	**0.2 J**	**0.096 J**	**0.11 J**	< 0.22
Perfluorooctanoic acid (PFOA)	µg/kg	**0.14 J, B**	**0.2 J, B**	**0.24 B**	**0.53 B**	**0.10 J, B**
Perfluoropentanoic acid (PFPeA)	µg/kg	< 0.019	< 0.019	**0.026 J**	**0.13 J**	< 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
1. "<" indicates the parameter is not detected.
2. Bold values indicate the consituent 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.

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 No.	Sample Depth (ft.)	Sample Pen. (in)	Sample Rec. (in)	Sample Blows (RQD)	Sample SPT Value	Sample Description Modified Burmister	Remark	Field Test Data	Stratum Depth (ft.)	Stratum Description	Stratum Elev (ft.)	Equipment Installed
		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		1.5	FILL	36.5	
		S-3	1.5					S-3: Brown fine SAND, trace fine Gravel, trace Silt, moist		0.1		SAND		
			1.0 Inches											
5								End of exploration at 5 feet.	3		5		33.0	

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

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 No.	Sample Depth (ft.)	Sample Pen. (in)	Sample Rec. (in)	Sample Blows (RQD)	Sample SPT Value	Sample Description Modified Burmister	Remark	Field Test Data	Stratum Depth (ft)	Stratum Description	Stratum Elev (ft.)	Equipment Installed
		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		
			3 inches											
5								End of exploration at 5 feet.	3		5		28.5	

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

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

Lab ID:			SC60331-16	SC60331-15	SC60331-12
			SB-19A	SB-19B-2	SB-20A
Matrix:			Grab Soil	Grab Soil	Grab Soil
Sample Depth:			3 ft	4 ft	3 ft
Sample Date:			12/23/2020	12/23/2020	12/23/2020
PFAS (EPA PFC_IDA)					
1H,1H,2H,2H-perfluoro		µg/kg	< 0.031	< 0.030	< 0.030
1H,1H,2H,2H-perfluoro		µg/kg	< 0.023	< 0.023	< 0.023
N-ethylperfluorooctane		µg/kg	< 0.032	< 0.031	< 0.031
N-methylperfluorooctа		µg/kg	< 0.036	< 0.036	< 0.036
Perfluorobutanesulfoni		µg/kg	**0.012 J, B**	< 0.0092	**0.13 J, B**
Perfluorobutanoic acid		µg/kg	< 0.20	< 0.20	< 0.20
Perfluorodecanesulfoni		µg/kg	< 0.020	< 0.020	< 0.020
Perfluorodecanoic acid (PFDA)		µg/kg	< 0.022	< 0.022	< 0.022
Perfluorododecanoic acid (PFDoA)		µg/kg	< 0.016	< 0.016	< 0.016
Perfluoroheptanesulfonic Acid (PFHpS)		µg/kg	< 0.016	< 0.016	< 0.016
Perfluoroheptanoic acid (PFHpA)		µg/kg	**0.025 J**	**0.03 J**	**0.08 J**
Perfluorohexanesulfonic acid (PFHxS)		µg/kg	**0.027 J, B**	**0.02 J B**	**0.17 J, B**
Perfluorohexanoic acid (PFHxA)		µg/kg	**0.033 J**	**0.03 J**	**0.067 J**
Perfluorononanoic acid (PFNA)		µg/kg	**0.055 J**	**0.049 J**	< 0.021
Perfluorooctanesulfonamide (PFOSA)		µg/kg	< 0.0093	< 0.0092	< 0.0092
Perfluorooctanesulfonic acid (PFOS)		µg/kg	**0.14 J**	**0.2 J**	**0.096 J**
Perfluorooctanoic acid (PFOA)		µg/kg	**0.14 J, B**	**0.2 J, B**	**0.24 B**
Perfluoropentanoic acid (PFPeA)		µg/kg	< 0.019	< 0.019	**0.026 J**
Perfluorotetradecanoic acid (PFTeA)		µg/kg	< 0.020	< 0.020	< 0.020
Perfluorotridecanoic acid (PFTriA)		µg/kg	< 0.014	< 0.014	< 0.014
Perfluoroundecanoic acid (PFUnA)		µg/kg	< 0.025	< 0.025	< 0.025

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

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

Depth (ft)	Casing Blows/ (Core Rate)	Sample No.	Sample Depth (ft.)	Sample Pen. (in)	Sample Rec. (in)	Sample Blow (RQ
		S-1	0.0			
		S-2	1.0			
		S-3	1.5			

Total excavation depth = approx. 8 ft

Only top 10% of surface soil tested for contamination

Avg. = 0.83 ft. or 10 inches

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.	Sample Depth (ft.)	Sample Pen. (in)	Sample Rec. (in)	Sample Blow (RQ
		S-1	0.0			
		S-2	0.5			

Total excavation depth = approx. 8 ft

Only top 3% of surface soil tested for contamination

Avg. = 0.25 ft. or 3 inches

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.	Sample Depth (ft.)	Sample Pen. (in)	Sample Rec. (in)	Sample Blow (RQ
		S-1	0.0			
		S-2	0.5			

Total excavation depth = approx. 8 ft

Only top 3% of surface soil tested for contamination

Avg. = 0.25 ft. or 3 inches

Notes

1. "<" indicates the parameter is not detected.
2. Bold values indicate the consituent 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	

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.

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

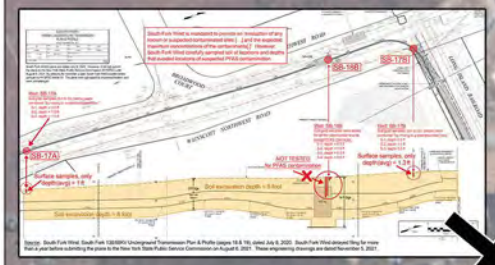
No scientist's or laboratory's signature

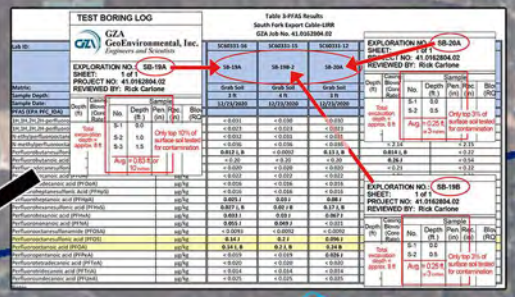
No accounting for fluctuation in water table height

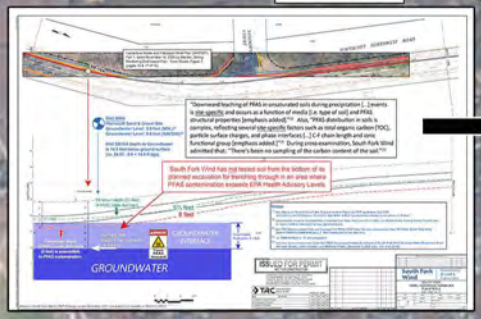
The report is meaningless.

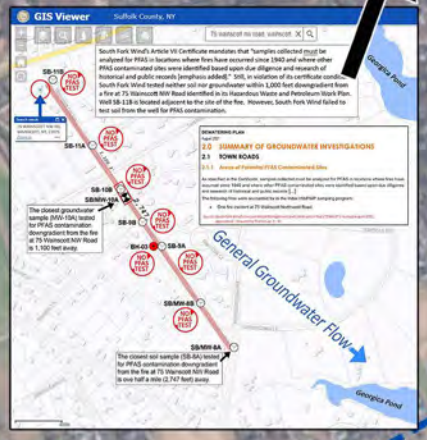
Figure 4.3-1. South Fork Export Cable Routing Options – Beach Lane and Mapped Resource Areas

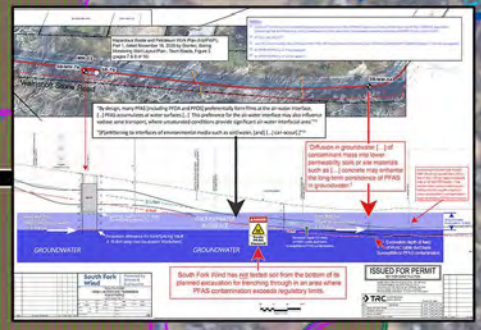
Depiction of the wetland habitats and wetland resources in proximity of the Beach Lane landing and cable routing option.











Beach Lane Route

SFEC - Interconnection Facility

Beach Lane

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

National Wetland Inventory Wetlands

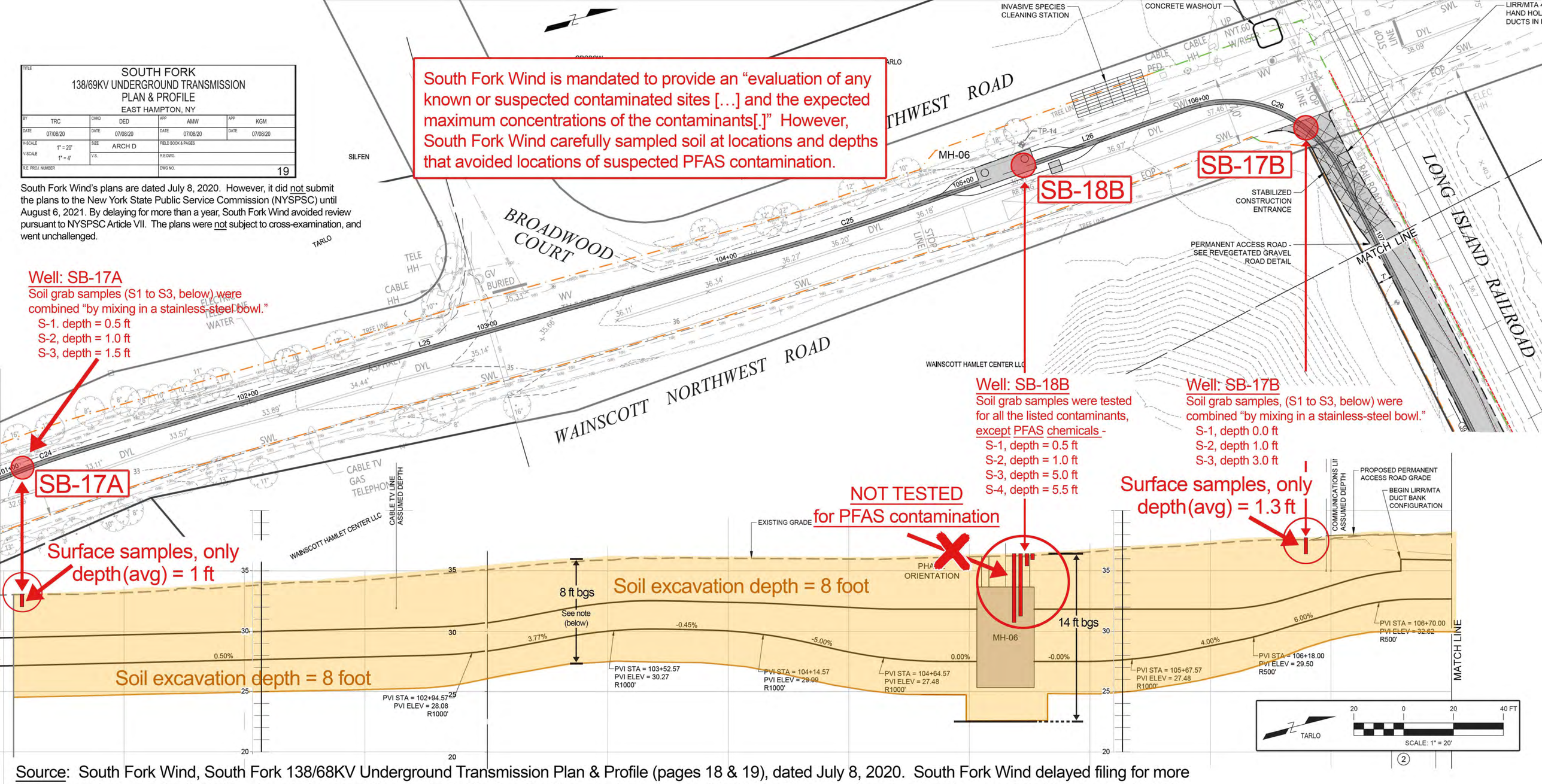
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other

N

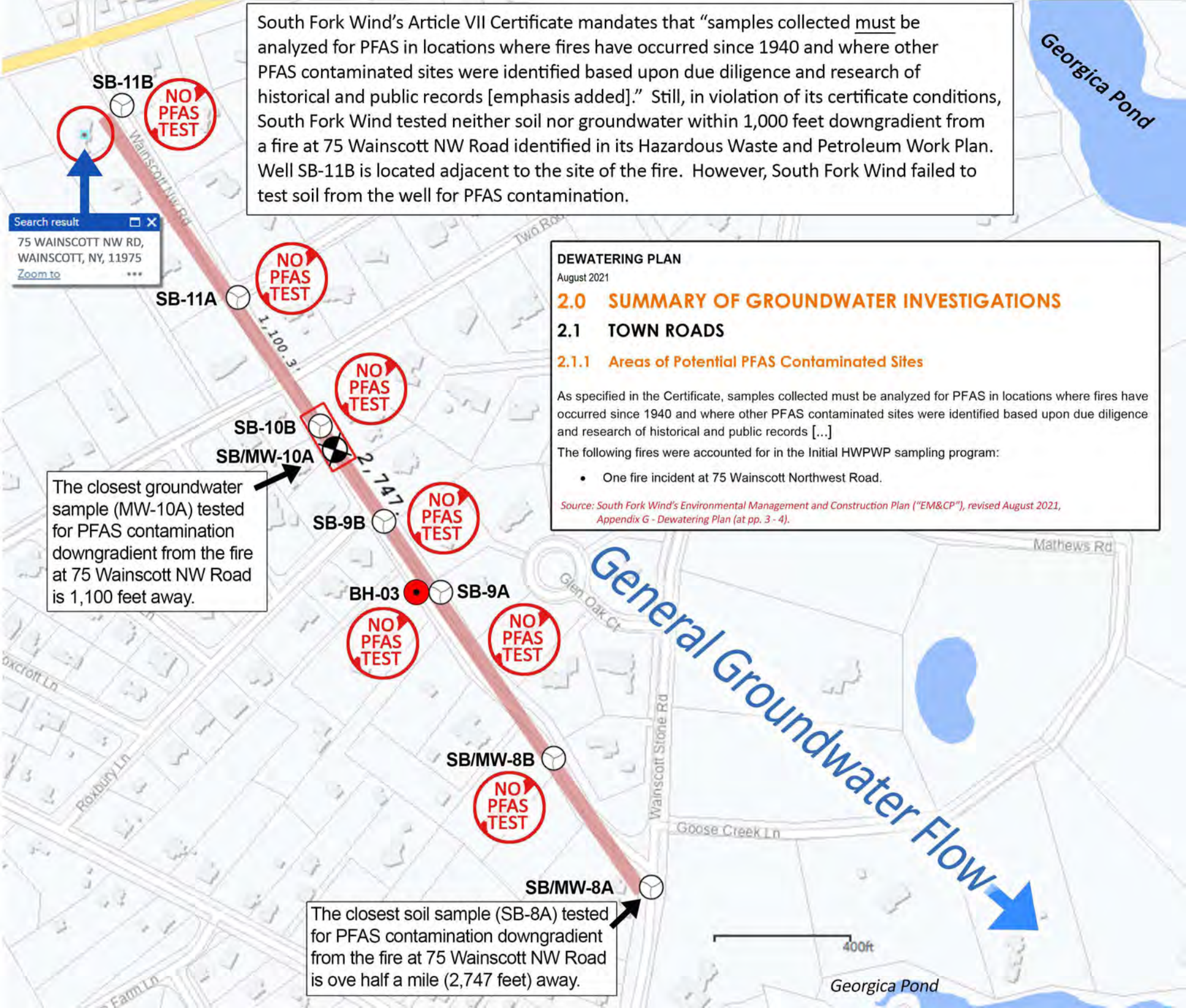
0 0.3 0.6
Miles

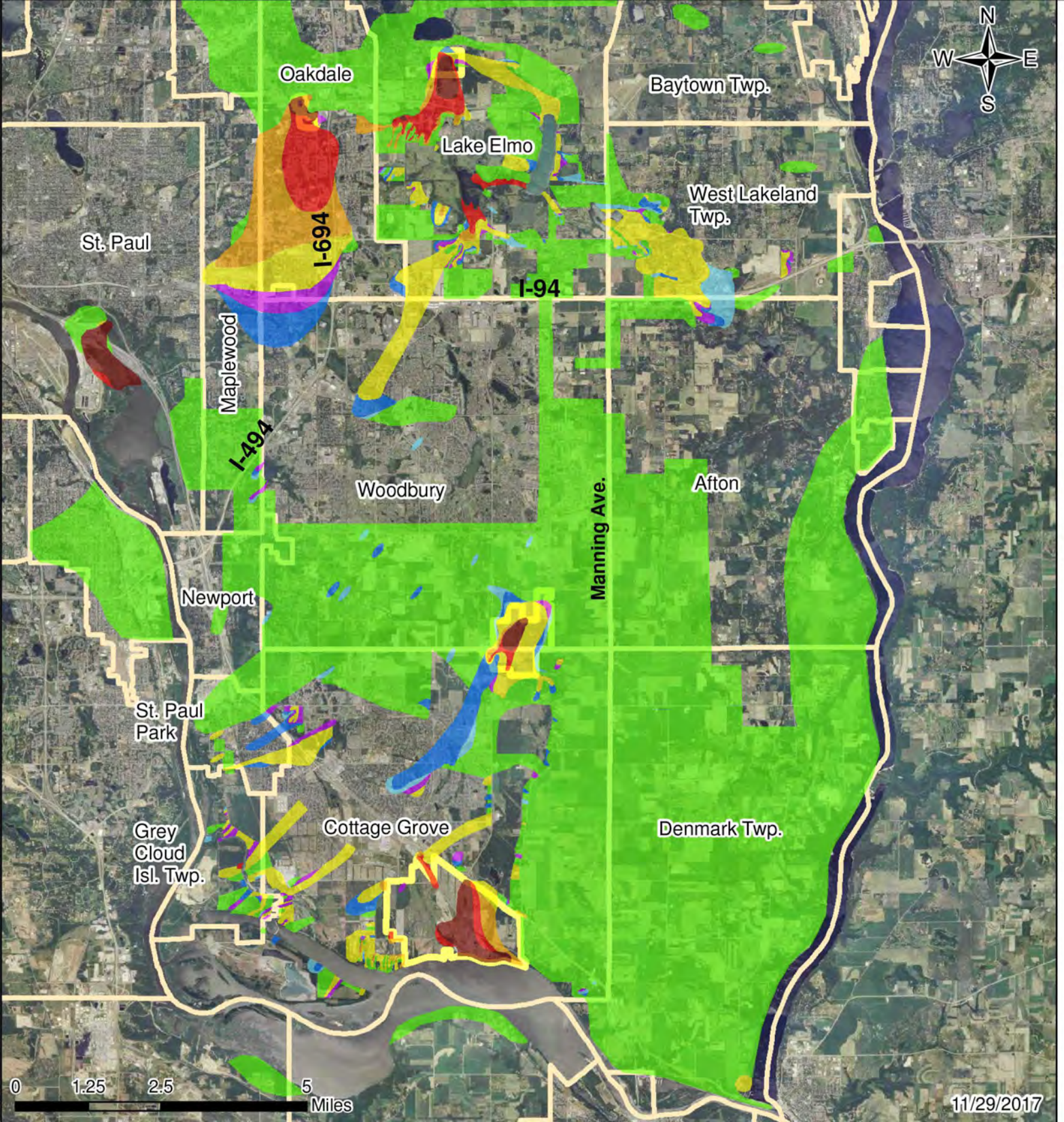
0 0.6 1.2
Kilometers

South Fork Wind Farm



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.
SB-11B
NO PFAS TEST
Search result
75 WAINSCOTT NW RD, WAINSCOTT, NY, 11975
Zoom to
Wainscott NW Rd
Two Rod
Georgica Pond
SB-11A
NO PFAS TEST
1,100.3'
NO PFAS TEST
SB-10B
SB/MW-10A
2,747'
The closest groundwater sample (MW-10A) tested for PFAS contamination downgradient from the fire at 75 Wainscott NW Road is 1,100 feet away.
SB-9B
NO PFAS TEST
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).
Mathews Rd
Glen Oak Ct
BH-03
SB-9A
NO PFAS TEST
NO PFAS TEST
Oxcroft Ln
Roxbury Ln
Wainscott Stone Rd
General Groundwater Flow
SB/MW-8B
NO PFAS TEST
Goose Creek Ln
SB/MW-8A
The closest soil sample (SB-8A) tested for PFAS contamination downgradient from the fire at 75 Wainscott NW Road is ove half a mile (2,747 feet) away.
400ft
Georgica Pond



DEPARTMENT OF HEALTH

PFOA in East Metro - All Aquifers

November 2017

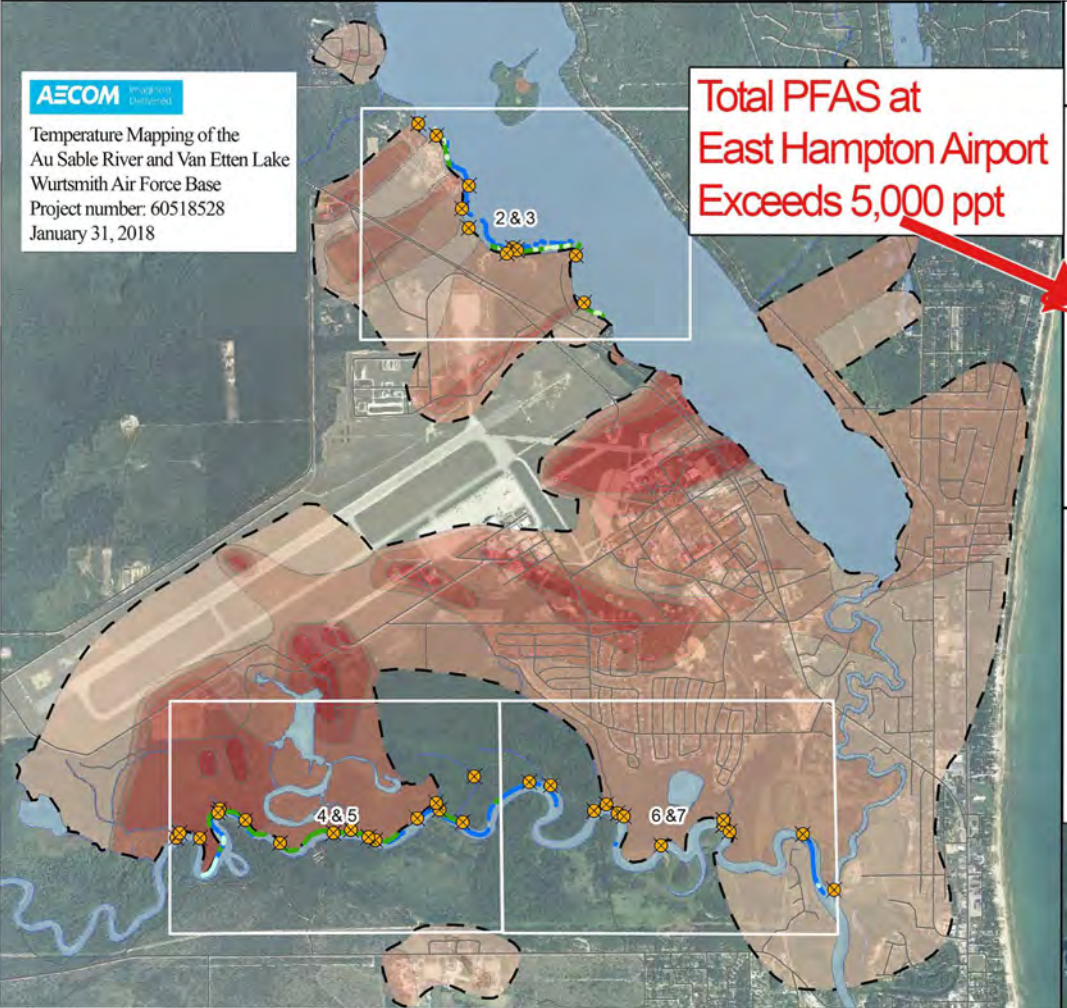
- PFOA greater than 1.75ppb (>50x HBV)
- PFOA 0.351-1.75ppb (10-50x HBV)
- PFOA 0.176-0.35ppb (5-10x HBV)
- PFOA 0.035-0.175ppb (1-5x HBV)
- PFOA 0.027-0.035ppb (75-100% HBV)
- PFOA 0.0175-0.026ppb (50-75% HBV)
- PFOA 0.004-0.0174ppb (<50% HBV)
- PFOA not detected

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)



DEQ

2/16/2018

Legend

Surface Water Sample

Groundwater Impact

Total PFAS ppt

- 1 - 50
- 51 - 300
- 301 - 1,000
- 1,000 - 5,000
- > 5,000

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

N

0 2,500 5,000
Feet

DEC Site Characterization Report: East Hampton Airport
by AECOM USA for NYS DEC (Nov 30, 2018)

Table 1

Groundwater Sample Data

Analytes

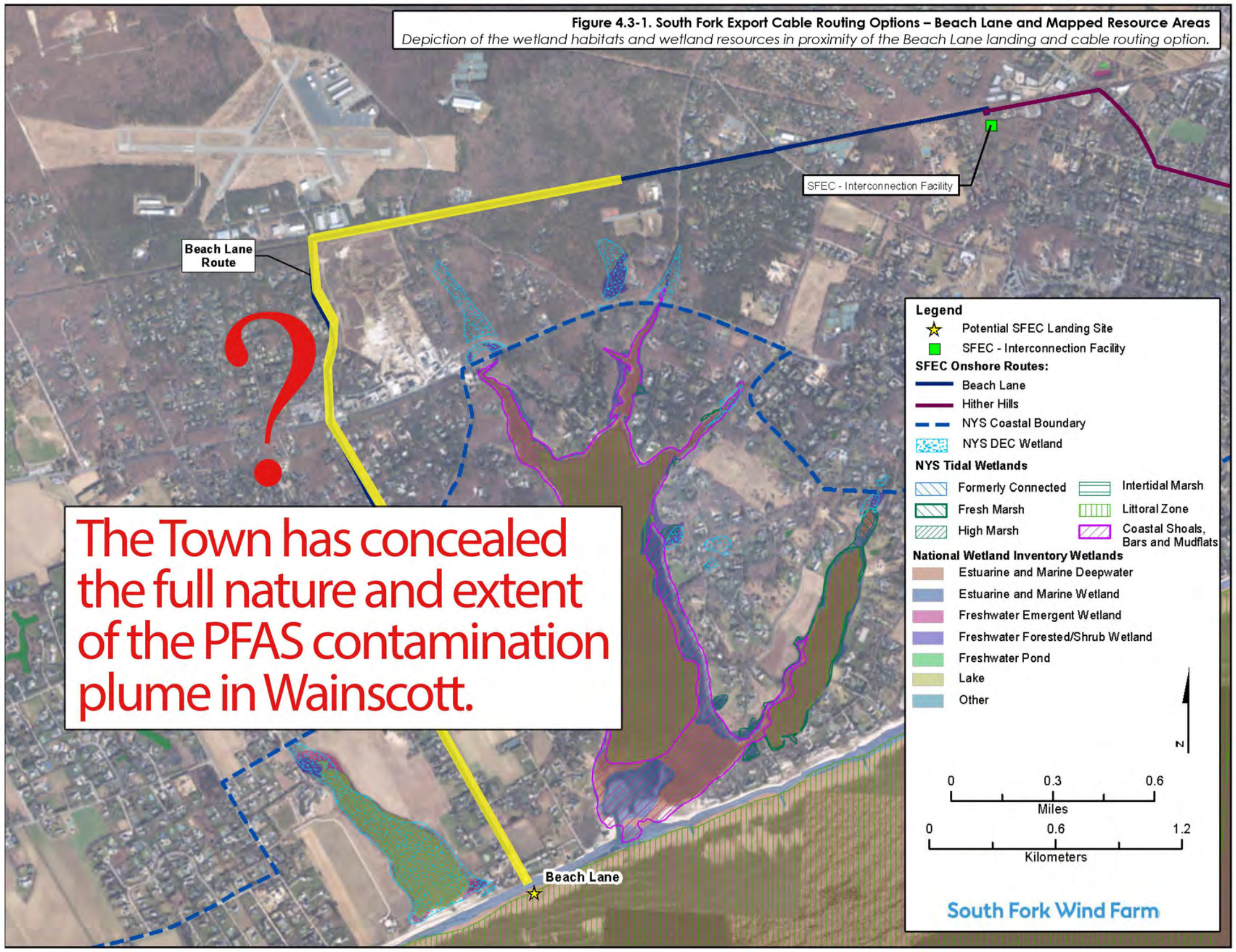
Well EH-19A1

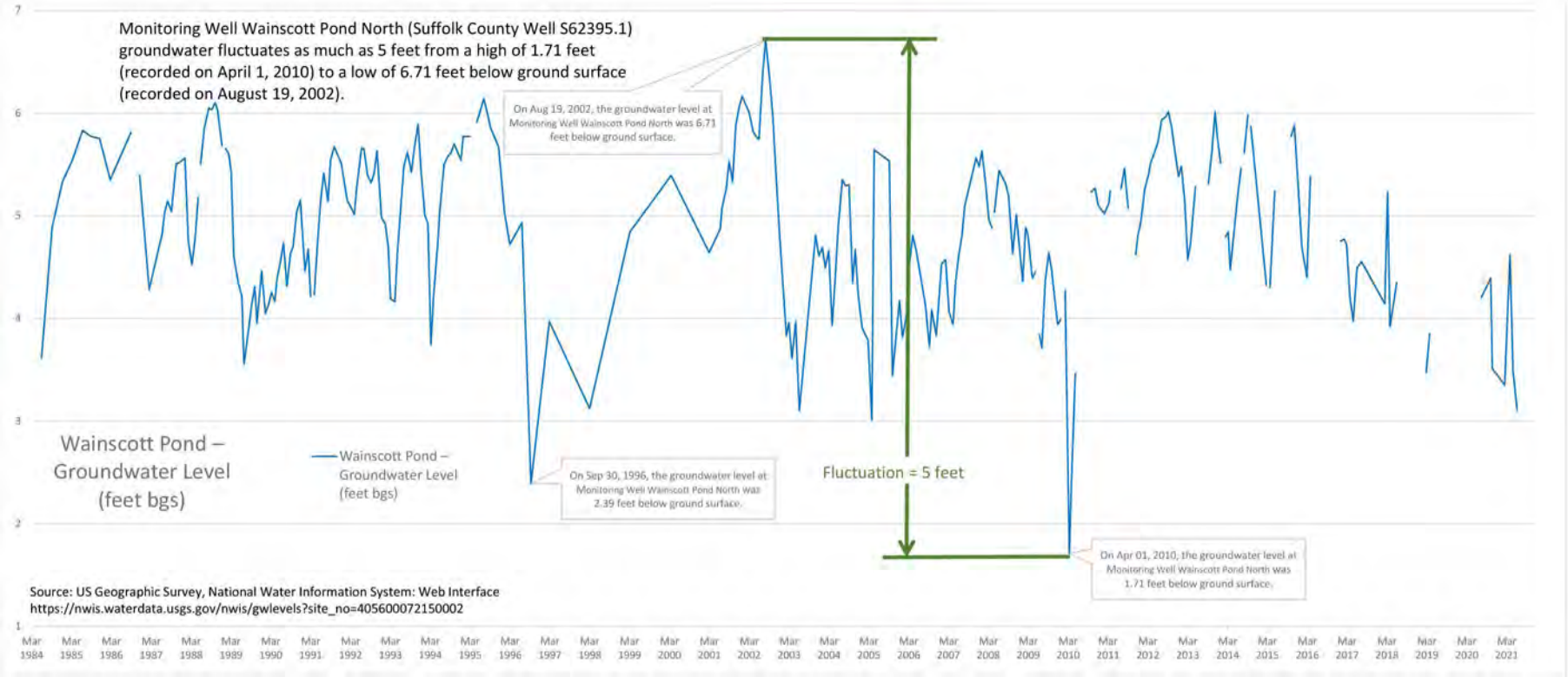
TOTAL PFAS: 8,388 ppt

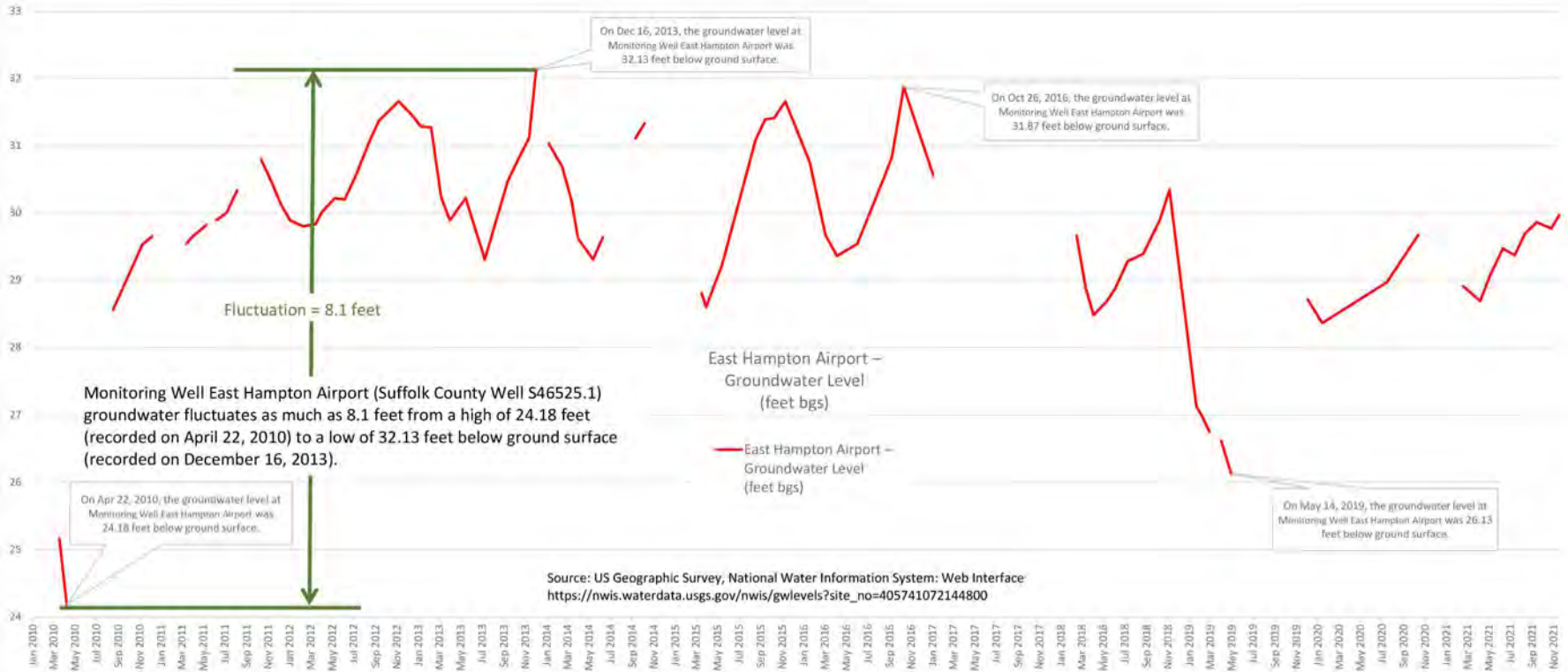
	Groundwater Sample Data		
	East Hampton PD	ARFF	
	EH- 1	EH-19A	EH-19A1
	5/8/2018	5/8/2018	8/10/2018
Perfluoroalkane Sulfonic Acids			
Perfluorobutane sulfonic acid (PFBS)	**8.3**	**360**	**12**
Perfluorohexane sulfonic acid (PFHxS)	**730**	**240**	**1.5 J**
Perfluoroheptane sulfonic acid (PFHpS)	**36**	.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			
Perflurooctane 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.

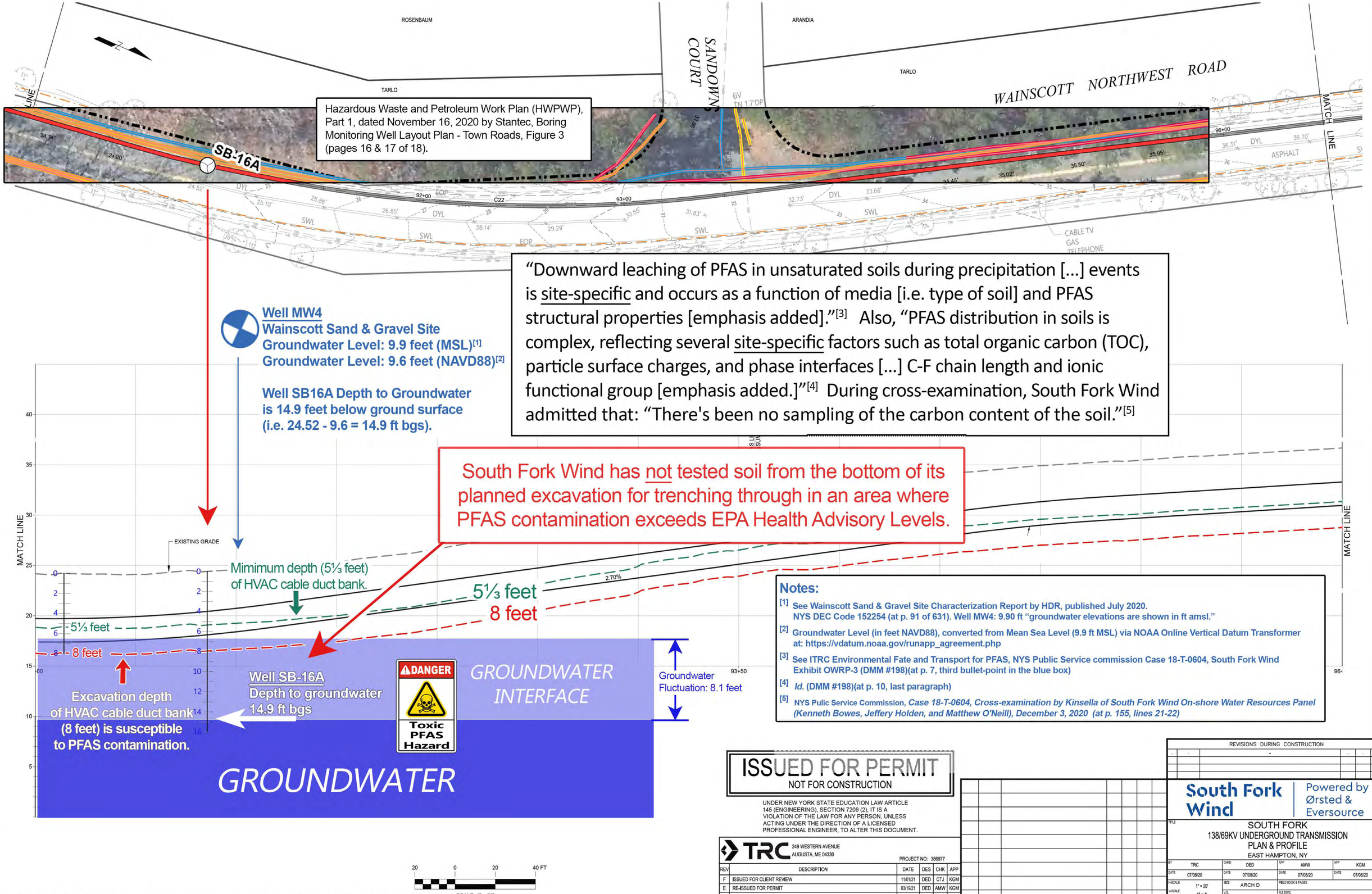



Monitoring Well Wainscott Pond North (Suffolk County Well S62395.1) groundwater fluctuates as much as 5 feet from a high of 1.71 feet (recorded on April 1, 2010) to a low of 6.71 feet below ground surface (recorded on August 19, 2002).
On Aug 19, 2002, the groundwater level at Monitoring Well Wainscott 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.
Fluctuation = 5 feet
On Apr 01, 2010, the groundwater level at Monitoring Well Wainscott Pond North was 1.71 feet below ground surface.
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
7
6
5
4
3
2
1
Mar 1984
Mar 1985
Mar 1986
Mar 1987
Mar 1988
Mar 1989
Mar 1990
Mar 1991
Mar 1992
Mar 1993
Mar 1994
Mar 1995
Mar 1996
Mar 1997
Mar 1998
Mar 1999
Mar 2000
Mar 2001
Mar 2002
Mar 2003
Mar 2004
Mar 2005
Mar 2006
Mar 2007
Mar 2008
Mar 2009
Mar 2010
Mar 2011
Mar 2012
Mar 2013
Mar 2014
Mar 2015
Mar 2016
Mar 2017
Mar 2018
Mar 2019
Mar 2020
Mar 2021



Monitoring Well East Hampton Airport (Suffolk County Well S46525.1) groundwater fluctuates as much as 8.1 feet from a high of 24.18 feet (recorded on April 22, 2010) to a low of 32.13 feet below ground surface (recorded on December 16, 2013).

Source: US Geographic Survey, National Water Information System: Web Interface
https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=405741072144800



Based on South Fork Wind's P&P Drawing, issued December 2021 (compiled by Si Kinsella on March 7, 2022.)

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

[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.

TRC 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

NO.	DATE	AS BUILT REVISIONS	BY	CHK	APP	APP

REVISIONS DURING CONSTRUCTION

South Fork Wind | Powered by Ørsted & Eversource

TITLE: 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
H-SCALE	1" = 20'	SIZE	ARCH D	FIELD BOOK & PAGES			
V-SCALE	1" = 4'	V.S.		R.E.DWG.			
R.E. PROJ. NUMBER				DWG NO.			17

ES VER: 05/2015

10/29/2021 3:07 PM - D:\Danis - C:\pwworkingem\d0611485\VFG - P-&&- ROW.dwg - Sheet - (33)

RAY DOLBY 2002 TRUST

DEER FOREST LLC

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)

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).

MH-03

SB/MW-7A

SB-7B

SB/MW-8A

Wainscott Stone Road

"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."[3]

"[P]artitioning to interfaces of environmental media such as soil/water, [and] [...] can occur[.]"[4]

"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.[5]

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.

POSSIBLE COMMUNICATIONS LINE ASSUMED DEPTH

PHASE ORIENTATION

STA 43+82 MH-03

ELECTRIC SERVICE LINE ASSU ...DEPTH

COMMUNICATIONS LINE ASSUMED DEPTH

WATER SERVICE ASSUMED DEPTH

EXISTING GRADE

COMMUNICATIONS LINE ASSUMED DEPTH

16" WATER MAIN

MH-03

7.46%

5⅓ feet

8 feet

-5.50%

Splicing Vault is 11⅓ ft deep
(see Article VII Application, Fig. 5, 2-1)

Excavation allowance for Joint/Splicing Vault is 16 feet deep (see Excavation Worksheet).

Well MW-7A
Depth to groundwater 17.1 ft bgs [1]

GROUNDWATER

GROUNDWATER INTERFACE

GROUNDWATER

DANGER
Toxic PFAS Hazard

Well MW-8A
Depth to groundwater 5.8 ft bgs [2]

5⅓ feet

8 feet

Mimimum depth (5⅓ feet) of HVAC cable duct bank. Susceptible to PFAS contamination.

Excavation depth (8 feet) of HVAC cable duct bank. Susceptible to PFAS contamination.

Groundwater Fluctuation: 5 feet

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.

20 0 20 40 FT

SCALE: 1" = 20'

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.

South Fork Wind | Powered by Ørsted & Eversource

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

BY	CHKD	APP	APP
TRC	DED	AMW	KGM
DATE 07/08/20	DATE 07/08/20	DATE 07/08/20	DATE 07/08/20

H-SCALE 1" = 20' V-SCALE 1" = 4' | SIZE ARCH D | V.S. | R.E. PROJ. NUMBER | FIELD BOOK & PAGES | R.E. DWG. | DWG NO. 09

TRC 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

DATE AS BUILT REVISIONS BY CHK APP APP

NO. DATE AS BUILT

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


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

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

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

Wainscott Northwest Road, March 21, 2022

NEW YORK STATE OF OPPORTUNITY. 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.

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Environmental
Conservation

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

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).

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.

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Environmental
Conservation

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.

Public Participation Plan
for
East Hampton Airport

August 2021

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

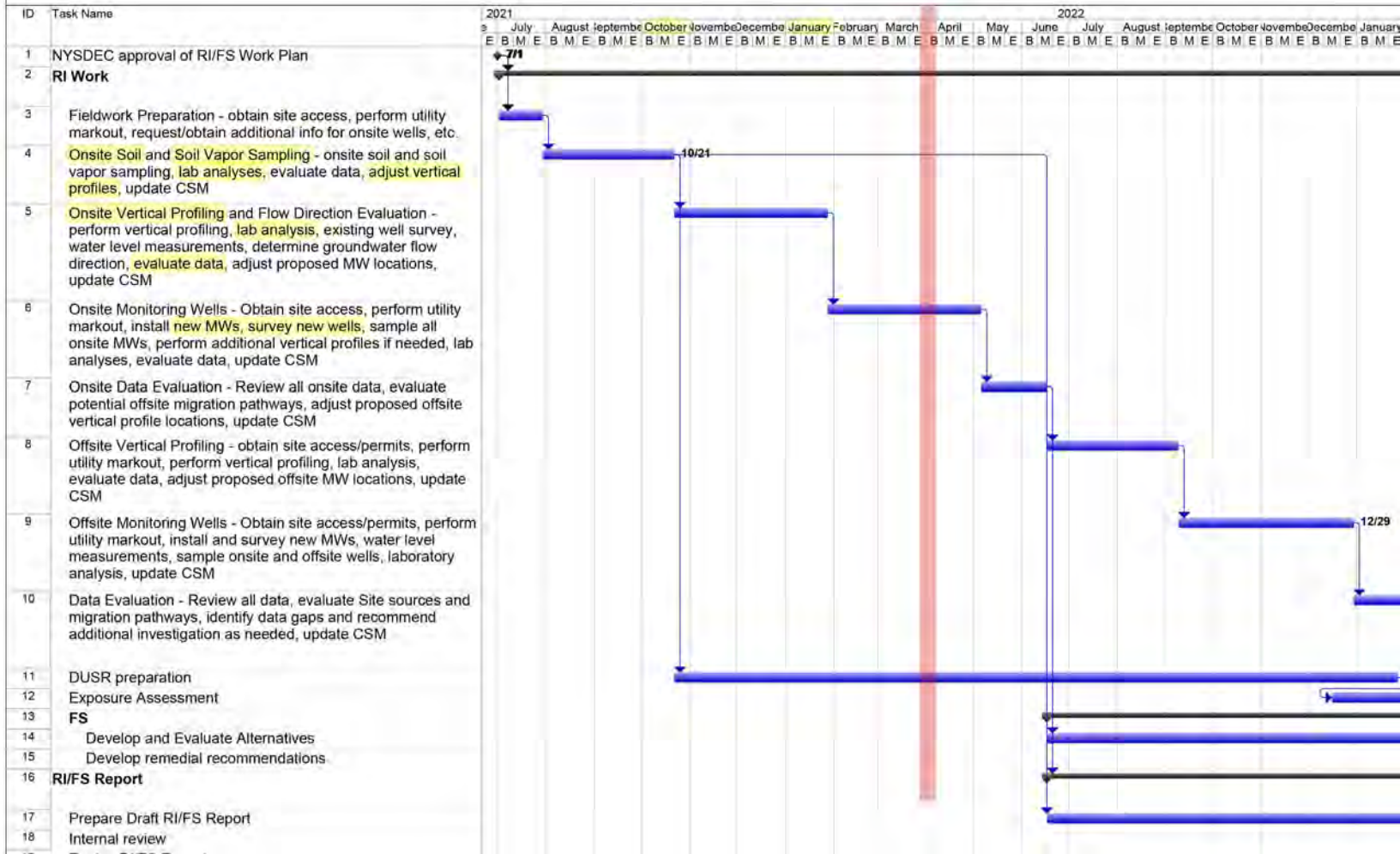
Although, it shouldn't take a year to add an address.

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).

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

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; DNVGL 2020; PLATTS 2009; NPMS 2006; NRHP2017; NYC Aqueducts 2020; NYC Subways 2017; NYC Sewer 2019; DEC Rem 2010; ESRI 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)

N
0 0.5 1 Miles

Gowanus

Gowanus Flats

DEC Superfund Site: Gowanus Canal

RED HOOK

GOWANUS

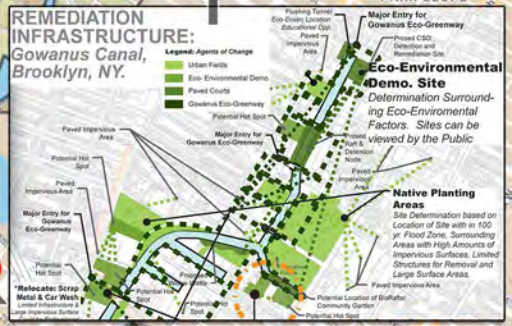
PARK SLOPE

Shipwrecked

Union St

Smith-9th Streets

REMEDIATION INFRASTRUCTURE: *Gowanus Canal, Brooklyn, NY.*



South Brooklyn Marine Terminal Development

Empire Wind Cable Landing Site (345 kV)

Gowanus Substation

SUNSET PARK

Google My Maps

Map data ©2022 Google Terms 500 ft

News Releases: Region 02

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

Contact Information
Stephen McBay (mcbay.stephen@epa.gov)
(212)-637-3672

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.

Town of East Hampton
Long Island, NY

Resolution
RES-2022-551

Adopted
Apr 21, 2022 11:00 AM

Exhibit J

License Agreement - Staging and Storage for Installation of the Transmission Cable By Deepwater Wind South Fork, LLC (South Fork Wind LLC)

Information

Department:	Town Attorney	**Sponsors:**	Councilwoman Cate Rogers
Category:	Approvals	**Functions:**	Agreements (Contracts, Leases, Bids)

Body

WHEREAS, the Town Board previously authorized an easement and a Host Community Agreement with Deepwater Wind South Fork, LLC (Deepwater), now known as South Fork Wind, LLC (South Fork Wind), for their project to connect an offshore wind farm to the Long Island Power Authority (LIPA) sub-station at Cove Hollow Road, East Hampton, hereinafter, the "Project"; and

WHEREAS, South Fork Wind is in the process of obtaining sites for staging and storage in locations within the Town, and is in the process of amending their Environmental Management and Construction Plan to provide for the same; and

WHEREAS, South Fork Wind has requested the use of a portion of property at Stephen Hands Path which is already disturbed and cleared, and has been, and continues to be utilized by the New York State Department of Transportation (NYS DOT) as a highway yard, including salt storage; and

WHEREAS, the DOT has expressed a willingness to allow the temporary use of a portion of the property, and the Town Board is willing to enter into a license agreement with South Fork Wind to allow the use of portions of the property, subject to the approval of the NYS DOT, for purposes of storage of vehicles, construction materials and related equipment, together with the parking of employee vehicles, but not including the storage of any soils or water removed from the cable route; and

WHEREAS, the proposed license is an unlisted action under the State Environmental Quality Review Act (SEQRA) and an environmental assessment has been prepared for the Town Board with regard to the proposed license; now, therefore, be it

RESOLVED, that the Town Board hereby adopts a Negative Declaration pursuant to SEQRA with regard to the proposed license; and be it further

RESOLVED, that the Town Board hereby authorizes the license for use of a portion of Town property located at Stephen Hands Path, Wainscott (0300-193-02-004), subject to the approval of the NYS DOT, for purposes of storage of vehicles, construction materials and related equipment utilized for or in relation to the installation of the transmission cable for the South Fork Wind project, but not including the storage of any water or soil removed from the cable route; and be it further

RESOLVED, that such license shall commence upon full execution of the license, and continue until December 31, 2023 with an option to extend for an additional six (6) month period upon the same terms; and be it further

RESOLVED, that South Fork Wind shall pay the sum of $1.00 per sq. ft., per annum for such license, commencing upon execution of the license, and continuing until such use ceases and all materials and equipment are removed from the site; and be it further

RESOLVED, that the Town Board hereby authorizes the Town Supervisor to execute a License Agreement, subject to the approval of the Town Attorney, to allow South Fork Wind to utilize the portions of the above property, subject to the approval of the NYS DOT, as indicated by a representative of the same.

Meeting History

Draft

Apr 21, 2022 11:00 AM **East Hampton Town Board** **Regular Meeting**

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	Cate Rogers, Councilwoman
SECONDER:	Kathee Burke-Gonzalez, Councilwoman
AYES:	Kathee Burke-Gonzalez, Sylvia Overby, Cate Rogers, Peter Van Scoyoc
ABSENT:	David Lys

Discussion

Add Comment

The License Agreement has not been disclosed. We do not know what is in the agreement. The Environmental Assessment Form (EAF) has not been disclosed. We do not know how the Town Board arrived at its SEQRA negative declaration. The resolution excludes soil

and groundwater only "from the cable route," but remains silent on whether the site will be used for storing and treating soil and groundwater containing PFAS contamination from the Interconnection Facility.
*Posted by **Si Kinsella** 2 days ago*

Exhibit J