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.