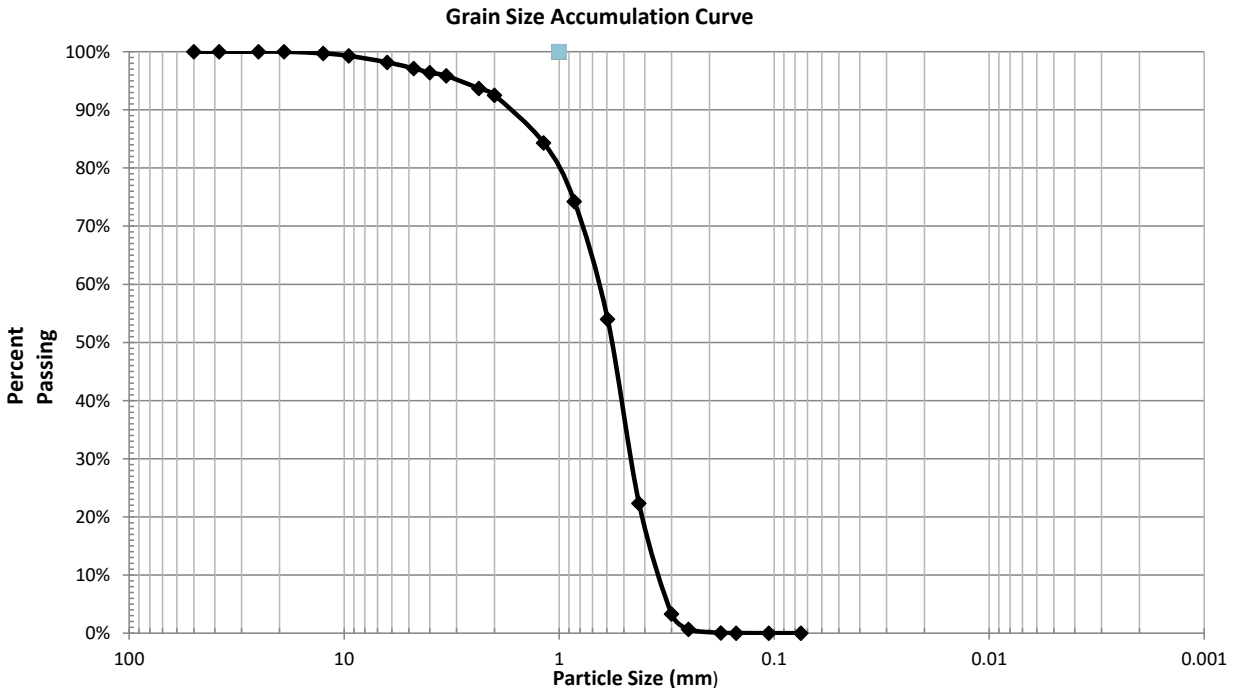
TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Norfolk Dredging Company	**DATE ANALYZED:**	3/18/2025
PROJECT NAME:	W912DS-24-C0014 Fire Island and Shores	**TPI PROJECT NO.:**	2400370
PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 1	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



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PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 1	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Percent Retained	Wenthworth Classification
2 IN (50 mm)	100.0%	0.0%	Very Large Pebble
1 1/2 IN (38.1 mm)	100.0%	0.0%	
1 IN (25 mm)	100.0%	0.0%	Large Pebble
3/4 IN (19 mm)	100.0%	0.0%	
1/2 IN (12.5 mm)	99.7%	0.3%	Meddium Pebble
3/8 IN (9.5 mm)	99.3%	0.7%	
1/4 IN (6.3 mm)	98.2%	1.8%	Small Pebble
No. 4 (4.75 mm)	97.1%	2.9%	
No. 5 (4.0 mm)	96.4%	3.6%	Granule
No. 6 (3.35 mm)	95.8%	4.2%	
No. 8 (2.36 mm)	93.7%	6.3%	
No. 10 (2.0 mm)	92.5%	7.5%	Very coarse sand
No 16 (1.19 mm)	84.3%	15.7%	
No. 20 (0.84 mm)	74.3%	25.7%	Coarse sand
No. 30 (0.59 mm)	54.0%	46.0%	
NO. 40 (0.42mm)	22.3%	77.7%	Medium sand
NO. 50 (0.30 mm)	3.3%	96.7%	
No. 60 (0.25mm)	0.7%	99.3%	Fine sand
NO. 80 (0.18 mm)	0.1%	99.9%	
NO. 100 (0.15 mm)	0.0%	100.0%	
NO. 140 (0.11 mm)	0.0%	100.0%	Very fine sand
NO. 200 (0.76 mm)	0.0%	100.0%	

Remarks: Material was sampled and delivered by the client
Moisture content of sample upon receipt is 17.5%, as determined by test method ASTM D2216

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3/18/2025
Date

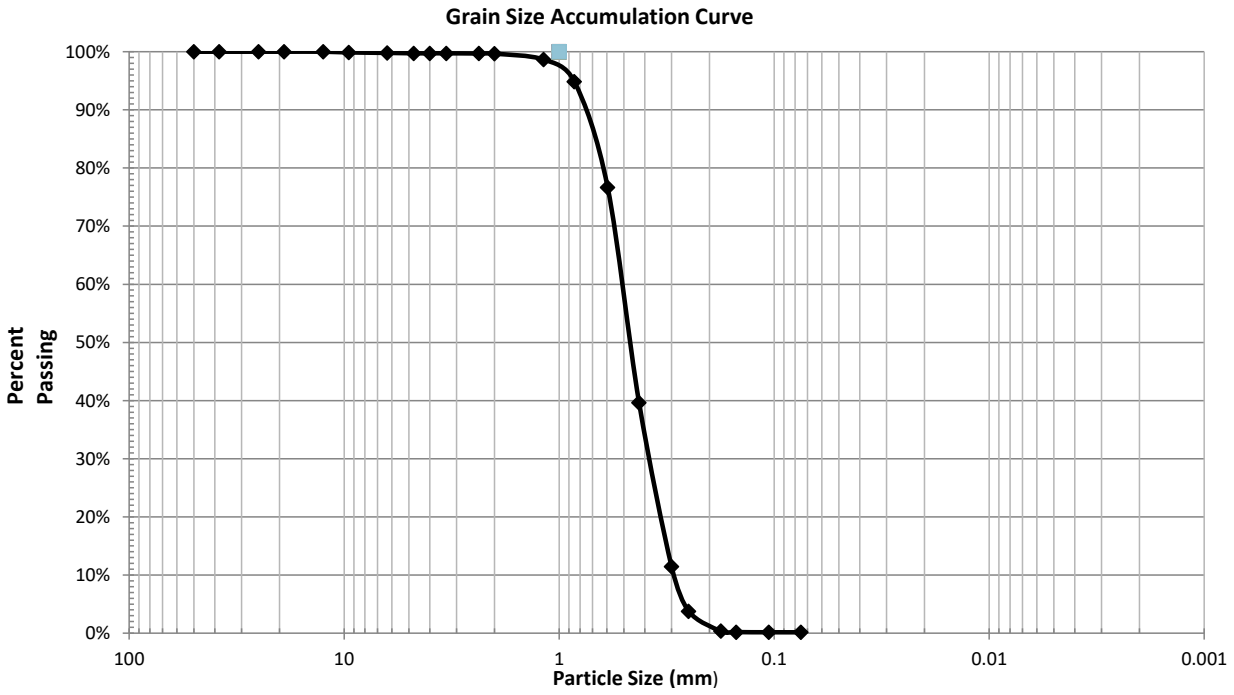
New York City Qualification No. 3

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Norfolk Dredging Company	**DATE ANALYZED:**	3/18/2025
PROJECT NAME:	W912DS-24-C0014 Fire Island and Shores	**TPI PROJECT NO.:**	2400370
PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 2	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



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37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Norfolk Dredging Company	**DATE ANALYZED:**	3/18/2025
PROJECT NAME:	W912DS-24-C0014 Fire Island and Shores	**TPI PROJECT NO.:**	2400370
PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 2	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Percent Retained	Wenthworth Classification
2 IN (50 mm)	100.0%	0.0%	Very Large Pebble
1 1/2 IN (38.1 mm)	100.0%	0.0%	
1 IN (25 mm)	100.0%	0.0%	Large Pebble
3/4 IN (19 mm)	100.0%	0.0%	
1/2 IN (12.5 mm)	100.0%	0.0%	Meddium Pebble
3/8 IN (9.5 mm)	99.9%	0.1%	
1/4 IN (6.3 mm)	99.8%	0.2%	Small Pebble
No. 4 (4.75 mm)	99.7%	0.3%	
No. 5 (4.0 mm)	99.7%	0.3%	Granule
No. 6 (3.35 mm)	99.7%	0.3%	
No. 8 (2.36 mm)	99.7%	0.3%	
No. 10 (2.0 mm)	99.7%	0.3%	Very coarse sand
No 16 (1.19 mm)	98.7%	1.3%	
No. 20 (0.84 mm)	94.9%	5.1%	Coarse sand
No. 30 (0.59 mm)	76.7%	23.3%	
NO. 40 (0.42mm)	39.7%	60.3%	Medium sand
NO. 50 (0.30 mm)	11.5%	88.5%	
No. 60 (0.25mm)	3.8%	96.2%	Fine sand
NO. 80 (0.18 mm)	0.4%	99.6%	
NO. 100 (0.15 mm)	0.2%	99.8%	
NO. 140 (0.11 mm)	0.2%	99.8%	Very fine sand
NO. 200 (0.76 mm)	0.2%	99.8%	

Remarks: Material was sampled and delivered by the client
Moisture content of sample upon receipt is 85.2%, as determined by test method ASTM D2216

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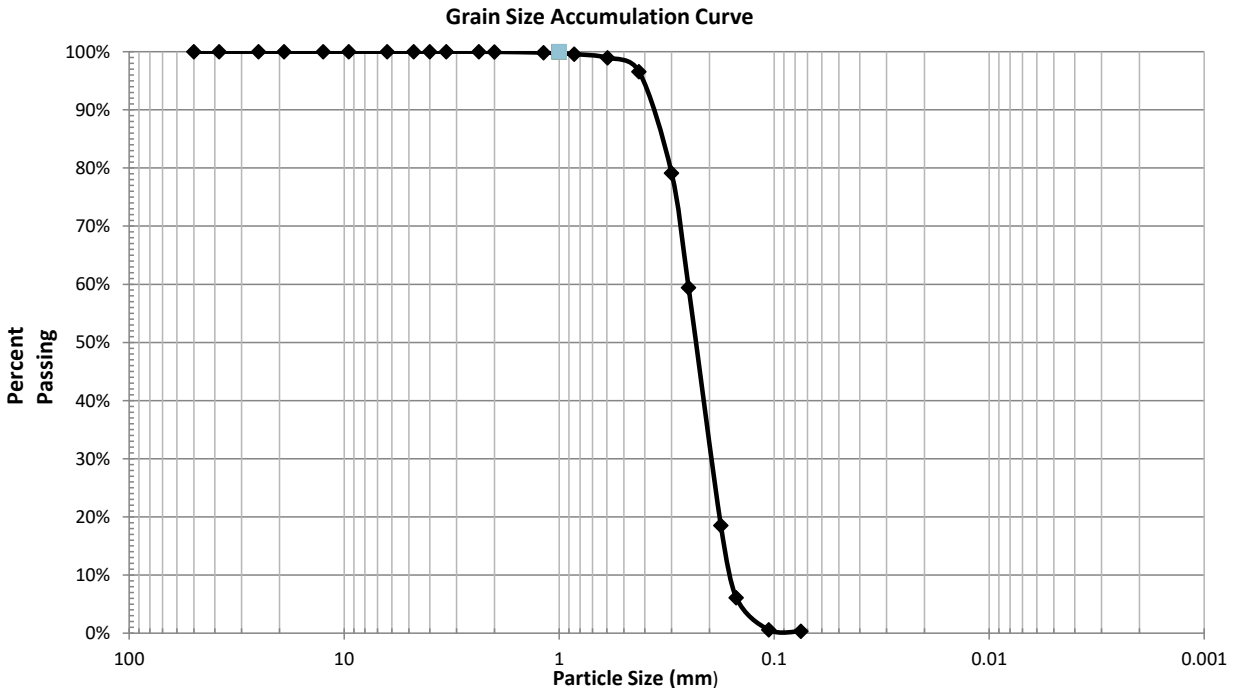
PROJECT NAME:	W912DS-24-C0014 Fire Island and Shores	**TPI PROJECT NO.:**	2400370
PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 3	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



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PROJECT ADDRESS:	Fire Island Inlet	**CCTL NO. :**	8730
MATERIAL DESCRIPTION:	Channel 3	**DATE RECEIVED:**	1/30/2025
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS BY WENTWORTH SCALE

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Percent Retained	Wenthworth Classification
2 IN (50 mm)	100.0%	0.0%	Very Large Pebble
1 1/2 IN (38.1 mm)	100.0%	0.0%	
1 IN (25 mm)	100.0%	0.0%	Large Pebble
3/4 IN (19 mm)	100.0%	0.0%	
1/2 IN (12.5 mm)	100.0%	0.0%	Meddium Pebble
3/8 IN (9.5 mm)	100.0%	0.0%	
1/4 IN (6.3 mm)	100.0%	0.0%	Small Pebble
No. 4 (4.75 mm)	100.0%	0.0%	
No. 5 (4.0 mm)	100.0%	0.0%	Granule
No. 6 (3.35 mm)	100.0%	0.0%	
No. 8 (2.36 mm)	100.0%	0.0%	
No. 10 (2.0 mm)	100.0%	0.0%	Very coarse sand
No 16 (1.19 mm)	99.9%	0.1%	
No. 20 (0.84 mm)	99.6%	0.4%	Coarse sand
No. 30 (0.59 mm)	99.0%	1.0%	
NO. 40 (0.42mm)	96.6%	3.4%	Medium sand
NO. 50 (0.30 mm)	79.1%	20.9%	
No. 60 (0.25mm)	59.4%	40.6%	Fine sand
NO. 80 (0.18 mm)	18.5%	81.5%	
NO. 100 (0.15 mm)	6.1%	93.9%	
NO. 140 (0.11 mm)	0.6%	99.4%	Very fine sand
NO. 200 (0.76 mm)	0.4%	99.6%	

Remarks: Material was sampled and delivered by the client
Moisture content of sample upon receipt is 26.2%, as determined by test method ASTM D2216

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