

# Stretch Island

## Annual Shellfish Growing Area Review



Prepared By: Tim Jahraus

Area: Stretch Island

Year Ending: December 31, 2024

Classification: Approved

### Activities in the Growing Area in 2024

The growing area was sampled six times in accordance with National Shellfish Sanitation Program (NSSP) Systematic Random Sampling criteria. A routine shoreline survey was completed, and no Direct or Indirect Impacts were identified.

### Analytical Results of Water Samples

Table 1 summarizes the results of the most recent 30 water samples at all stations. All stations meet NSSP criteria for an Approved classification. Station 823 is Threatened with an estimated 90<sup>th</sup> percentile of 36.3 FC/100mL. Table 2 shows Station 823 individual data.

### Change in Actual Pollution Sources that Impact the Growing Area

We currently have no information indicating that the area has new sources of pollution.

### Classification Status

- ☐ Well within the classification standards
- ☒ Meets standards, but threatened with downgrade in classification
- ☐ Fails to meet current classification standards

### Remarks and Recommendations

Table 1 shows that all stations meet NSSP water quality standards, and the area is correctly classified.

**TABLE 1. Summary of Marine Water Data (SRS) for the Stretch Island Growing Area**

Sampling Event Type: Regulatory

Maximum Number of Samples: 30

Tides Included: All

Station Number	Classification	Date Range	Range (FC/100mL)	Geomean (FC/100mL)	Est. 90 <sup>th</sup> Percentile (FC/100mL)	Meets Standard
30	Approved	12/3/2019 - 11/20/2024	1.7 - 6.8	1.9	2.8	Y
31	Approved	12/3/2019 - 11/20/2024	1.7 - 4.5	2.0	3.0	Y
32	Approved	12/3/2019 - 11/20/2024	1.7 - 130.0	2.3	7.0	Y
33	Approved	12/3/2019 - 11/20/2024	1.7 - 79.0	2.1	5.4	Y
671	Approved	12/3/2019 - 11/20/2024	1.7 - 4.5	1.9	2.6	Y
672	Approved	12/3/2019 - 11/20/2024	1.7 - 17.0	1.9	3.4	Y
816	Approved	12/3/2019 - 11/20/2024	1.7 - 6.8	1.9	3.0	Y
823	Approved	12/3/2019 - 11/20/2024	1.7 - 1600.0	4.6	36.3	Y
824	Approved	12/3/2019 - 11/20/2024	1.7 - 79.0	3.4	13.4	Y

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/ 100 mL with an estimated 90th percentile not greater than 43 organisms/ 100 mL. The above table shows bacteriological results in relation to program standards.

**TABLE 2. Marine Water Quality Summary for the Threatened Station in Stretch Island**

Station: 823

Classification: Approved

Method: SRS

<b>Total Samples: 30</b> <b>Range (FC/100 mL): 1.7 - 1600.0</b> <b>GeoMean (FC/100 mL): 4.6</b>				<b>Date Range: 12/3/2019 - 11/20/2024</b> <b>E90th (FC/100 mL): 36.3</b> <b>Meets Standard: Y</b>		
Sample Date	Event Type	Time	Tide	SWT	Salinity	Fecal Coliform
12/03/2019	Regulatory	12:07	Ebb	10	28	4.5
01/06/2020	Regulatory	11:55	Flood	9	5	130.0
03/26/2020	Regulatory	09:24	Ebb	9	28	1.7
07/16/2020	Regulatory	15:52	Flood	20	28	9.3
09/17/2020	Regulatory	16:43	Flood	16	29	2.0
11/03/2020	Regulatory	11:07	Ebb	12	28	33.0
02/03/2021	Regulatory	11:11	Ebb	9	20	1.7
04/05/2021	Regulatory	10:44	Flood	11	25	1.7
06/23/2021	Regulatory	16:35	Flood	19	29	1.7
08/18/2021	Regulatory	15:52	Flood	20	29	13.0
10/04/2021	Regulatory	16:14	Flood	16	30	1.7
12/01/2021	Regulatory	14:15	Flood	12	28	2.0
01/24/2022	Regulatory	11:43	Ebb	7	22	1.7
03/09/2022	Regulatory	10:27	Ebb	8	21	1.7
05/18/2022	Regulatory	08:25	Ebb	12	27	4.5
07/14/2022	Regulatory	17:48	Flood	19	28	1.7
09/21/2022	Regulatory	15:28	Flood	17	30	2.0
11/16/2022	Regulatory	14:08	Ebb	11	28	2.0
01/17/2023	Regulatory	12:45	Flood	8	11	46.0
02/02/2023	Regulatory	14:27	Flood	8	28	1.7
04/17/2023	Regulatory	15:42	Flood	10	28	1.7
08/01/2023	Regulatory	17:57	Flood	22	29	1.7
10/30/2023	Regulatory	10:57	Ebb	13	28	4.5
12/19/2023	Regulatory	11:47	Flood	10	22	22.0
01/10/2024	Regulatory	11:01	Ebb	9	27	7.8
03/28/2024	Regulatory	09:36	Ebb	10	18	1600.0
05/23/2024	Regulatory	06:19	Ebb	14	27	4.5
07/29/2024	Regulatory	14:56	Flood	18	28	1.7
09/05/2024	Regulatory	07:51	Flood	18	29	2.0
11/20/2024	Regulatory	11:18	Ebb	11	28	1.7

MAP 1. Stretch Island Growing Area

 Stretch Island

0 0.25 0.5 Miles

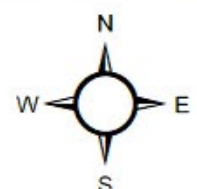


Date Updated: 10/25/2018



Classification	
	Approved
	Conditional
	Prohibited
	Restricted
	Unclassified

**Sampling Stations**



\* Some sampling stations are highlighted with grey box for ease of reading.