Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018

		NITROGEN, SUSPENDED (µg/L)		
Start Date	Start Time	Adjusted Result	Average Tidal Result	Average Daily Result
4/11/2018	9:00	125.71		
4/11/2018	9:00	130	127.86	
4/11/2018	15:50	199.07		
4/11/2018	15:50	200	199.54	163.70
5/10/2018	8:35	75.79		
5/10/2018	8:35	80	77.90	
5/10/2018	14:25	70.14		
5/10/2018	14:25	70	70.07	73.98
6/14/2018	7:57	97.07		
6/14/2018	7:57	100	98.54	
6/14/2018	13:12	68.93		
6/14/2018	13:12	70	69.47	84.00
7/16/2018	10:20	123.93		
7/16/2018	10:20	120	121.97	
7/16/2018	16:37	97.93		
7/16/2018	16:37	100	98.97	110.47
8/13/2018	9:05	96.71		
8/13/2018	9:05	100	98.36	
8/13/2018	14:55	56.43		
8/13/2018	14:55	60	58.22	78.29
9/4/2018	7:20	108.93		
9/4/2018	7:20	110	109.47	
9/4/2018	14:10	121.71		
9/4/2018	14:10	120	120.86	115.16
10/4/2018	7:56	121.71		
10/4/2018	7:56	120	120.86	
10/4/2018	13:42	174.57		
10/4/2018	13:42	170	172.29	146.57
11/20/2018	9:40	71.79		
11/20/2018	9:40	70	70.90	
11/20/2018	15:50	126.79		
11/20/2018	15:50	130	128.40	99.65
12/3/2018	7:55	51.29		
12/3/2018	7:55	50	50.65	
12/3/2018	15:45	213.14		
12/3/2018	15:45	210	211.57	131.11

Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018

		NITROGEN, DISSOLVED (µg/L)		
Start Date	Start Time	Adjusted Result	Average Tidal Result	Average Daily Result
4/11/2018	9:00	184.43		
4/11/2018	9:00	180	182.22	
4/11/2018	15:50	150.6		
4/11/2018	15:50	150	150.30	166.26
5/10/2018	8:35	269.99		
5/10/2018	8:35	270	270.00	
5/10/2018	14:25	301.31		
5/10/2018	14:25	300	300.66	285.33
6/14/2018	7:57	173.31		
6/14/2018	7:57	170	171.66	
6/14/2018	13:12	155.58		
6/14/2018	13:12	160	157.79	164.72
7/16/2018	10:20	178.65		
7/16/2018	10:20	180	179.33	
7/16/2018	16:37	156.53		
7/16/2018	16:37	160	158.27	168.80
8/13/2018	9:05	388.37		
8/13/2018	9:05	390	389.19	
8/13/2018	14:55	314.02		
8/13/2018	14:55	310	312.01	350.60
9/4/2018	7:20	168.48		
9/4/2018	7:20	170	169.24	
9/4/2018	14:10	204.03		
9/4/2018	14:10	200	202.02	185.63
10/4/2018	7:56	219.43		
10/4/2018	7:56	220	219.72	
10/4/2018	13:42	210.93		
10/4/2018	13:42	210	210.47	215.09
11/20/2018	9:40	342.66		
11/20/2018	9:40	340	341.33	
11/20/2018	15:50	377.71		
11/20/2018	15:50	380	378.86	360.09
12/3/2018	7:55	325.42		
12/3/2018	7:55	330	327.71	
12/3/2018	15:45	349.62		
12/3/2018	15:45	350	349.81	338.76

Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018

		NITROGEN, AMMONIA as N (µg/L)		
Start Date	Start Time	Adjusted Result	Average Tidal Result	Average Daily Result
4/11/2018	9:00	-		
4/11/2018	9:00	2.5	2.50	
4/11/2018	15:50	10.07		
4/11/2018	15:50	10	10.04	6.27
5/10/2018	8:35	78.5		
5/10/2018	8:35	80	79.25	
5/10/2018	14:25	75.4		
5/10/2018	14:25	80	77.70	78.48
6/14/2018	7:57	33.59		
6/14/2018	7:57	30	31.80	
6/14/2018	13:12	21.41		
6/14/2018	13:12	20	20.71	26.25
7/16/2018	10:20	57.51		
7/16/2018	10:20	60	58.76	
7/16/2018	16:37	39.52		
7/16/2018	16:37	40	39.76	49.26
8/13/2018	9:05	100.49		
8/13/2018	9:05	100	100.25	
8/13/2018	14:55	85.69		
8/13/2018	14:55	90	87.85	94.05
9/4/2018	7:20			
9/4/2018	7:20	2.5	2.50	
9/4/2018	14:10	18.1		
9/4/2018	14:10	20	19.05	10.78
10/4/2018	7:56	23.2		
10/4/2018	7:56	20	21.60	
10/4/2018	13:42	6.29		
10/4/2018	13:42	10	8.15	14.87
11/20/2018	9:40	42.6		
11/20/2018	9:40	40	41.30	
11/20/2018	15:50	55.48		
11/20/2018	15:50	60	57.74	49.52
12/3/2018	7:55	38.01		
12/3/2018	7:55	40	39.01	
12/3/2018	15:45	49.6		
12/3/2018	15:45	50	49.80	44.40

Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018

		NITROGEN, $NO_2 + NO_3$ as N (µg/L)		
Start Date	Start Time	Adjusted Result	Average Tidal Result	Average Daily Result
4/11/2018	9:00	28		
4/11/2018	9:00	30	29.00	
4/11/2018	15:50	14		
4/11/2018	15:50	10	12.00	20.50
5/10/2018	8:35	78		
5/10/2018	8:35	80	79.00	
5/10/2018	14:25	91		
5/10/2018	14:25	90	90.50	84.75
6/14/2018	7:57	41		
6/14/2018	7:57	40	40.50	
6/14/2018	13:12	34		
6/14/2018	13:12	30	32.00	36.25
7/16/2018	10:20	20		
7/16/2018	10:20	20	20.00	
7/16/2018	16:37	23		
7/16/2018	16:37	20	21.50	20.75
8/13/2018	9:05	52		
8/13/2018	9:05	50	51.00	
8/13/2018	14:55	63		
8/13/2018	14:55	60	61.50	56.25
9/4/2018	7:20	30.12		
9/4/2018	7:20	30	30.06	
9/4/2018	14:10	34.75		
9/4/2018	14:10	30	32.38	31.22
10/4/2018	7:56	31.66		
10/4/2018	7:56	30	30.83	
10/4/2018	13:42	24.73		
10/4/2018	13:42	20	22.37	26.60
11/20/2018	9:40	116		
11/20/2018	9:40	120	118.00	
11/20/2018	15:50	97.53		
11/20/2018	15:50	100	98.77	108.38
12/3/2018	7:55	148.93		
12/3/2018	7:55	150	149.47	
12/3/2018	15:45	159.57		
12/3/2018	15:45	160	159.79	154.63

Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018

		CHLOROPHYLL A, CORRECTED FOR PHEOPHYTIN (µg/L)		
Start Date	Start Time	Adjusted Result	Average Tidal Result	Average Daily Result
4/11/2018	9:00	6.40		
4/11/2018	9:00	6.41	6.41	
4/11/2018	15:50	6.90		
4/11/2018	15:50	6.91	6.91	6.66
5/10/2018	8:35	-		
5/10/2018	8:35	-	-	
5/10/2018	14:25	2.87		
5/10/2018	14:25	2.87	2.87	-
6/14/2018	7:57	3.15		
6/14/2018	7:57	3.15	3.15	
6/14/2018	13:12	2.93		
6/14/2018	13:12	2.93	2.93	3.04
7/16/2018	10:20	4.25		
7/16/2018	10:20	4.25	4.25	
7/16/2018	16:37	3.79		
7/16/2018	16:37	3.79	3.79	4.02
8/13/2018	9:05	5.29		
8/13/2018	9:05	5.29	5.29	
8/13/2018	14:55	2.92		
8/13/2018	14:55	2.92	2.92	4.10
9/4/2018	7:20	7.67		
9/4/2018	7:20	7.67	7.67	
9/4/2018	14:10	9.05		
9/4/2018	14:10	9.05	9.05	8.36
10/4/2018	7:56	10.78		
10/4/2018	7:56	10.78	10.78	
10/4/2018	13:42	15.81		
10/4/2018	13:42	15.81	15.81	13.30
11/20/2018	9:40	0.75		
11/20/2018	9:40	0.75	0.75	
11/20/2018	15:50	0.96		
11/20/2018	15:50	0.96	0.96	0.86
12/3/2018	7:55	0.51		
12/3/2018	7:55	0.51	0.51	
12/3/2018	15:45	2.20		
12/3/2018	15:45	2.20	2.20	1.36

Great Bay - Adams Point (Station ID - GRBAP) Water Quality Data for 2018
Summary of Results

Month	TN (mg/L)	DIN (mg/L)	Chl-a (µg/L)
Apr-18	0.33	0.03	6.7
May-18	0.36	0.16	-
Jun-18	0.25	0.06	3.0
Jul-18	0.28	0.07	4.0
Aug-18	0.43	0.15	4.1
Sep-18	0.30	0.04	8.4
Oct-18	0.36	0.04	13.3
Nov-18	0.46	0.16	0.9
Dec-18	0.47	0.20	1.4
May-Sept Average	0.32	0.10	4.9
June-Sept Average	0.31	0.08	4.9
Annual Average	0.36	0.10	5.2

TN = sum of suspended and dissolved nitrogen results.
DIN = sum of Ammonia Nitrogen and NO_2 + NO_3 Nitrogen.