

Site Code	Site/Location	GPS Coordinates
JANUARY 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
FEBRUARY 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
MARCH 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
APRIL 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
MAY 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Lake	36.786778, -75.981750
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
JUNE 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Lake	36.786778, -75.981750
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565

GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
JULY 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Park Lake	36.786778, -75.981750
LRN 11	Back Cove	36.879924, -76.056720
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
AUGUST 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Park Lake	36.786778, -75.981750
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
SEPTEMBER 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Park Lake	36.786778, -75.981750
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
OCTOBER 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 09	Atlantic Shores BMP	36.790972, -75.977222
LRN 10	Red Wing Park Lake	36.786778, -75.981750
LRN 11	Back Cove	36.879924, -76.056720
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
NOVEMBER 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429

LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

DECEMBER 2018:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

JANUARY 2019:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

FEBRUARY 2019:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806

LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
	MARCH 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
	APRIL 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	MAY 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139

LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	JUNE 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	JULY 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 11	Back Cove	36.879924, -76.056720
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	AUGUST 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222

LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	SEPTEMBER 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	OCTOBER 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	NOVEMBER 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472

LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	DECEMBER 2019:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	JANUARY 2020:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	FEBRUARY 2020:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429

LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
March 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	APRIL 2020:	a due to COVID-19 restrictions
	MAY 2020:	a due to COVID-19 restrictions
	June 2020:	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944

BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
July 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
August 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.459407, -76.36068
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
September 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.459407, -76.36068
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458

GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
October 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.459407, -76.36068
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
November 2020:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.459407, -76.36068
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
December 2020: No December data due to HRSD Lab closure		
January 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 12	Chelsea Channel	36.893892, -76.053283

LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.765552, -76.059940
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane (Rondorf)	36.877968, -76.049659
GNL 03	Pineland Lane (Hagan)	36.877552, -76.048458
GNL 04	Poplar Point Court (Barber)	36.877778, -76.045833
GNL 05	Weir (Brown)	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
February 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 16	Christopher Lake BMP	36.765552, -76.059940
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane (Rondorf)	36.877968, -76.049659
GNL 03	Pineland Lane (hagan)	36.877552, -76.048458
GNL 04	Poplar Point Court (Barber)	36.877778, -76.045833
GNL 05	Weir (Brown)	36.876730, -76.052220
March 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
April 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283

LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
May 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 12	Chelsea Channel	36.893892, -76.053283
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
June 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
July 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244

LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
August 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
September 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
October 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222

LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
November 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 05	Weir	36.876730, -76.052220
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
December 2021		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
January 2022		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806

LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

February 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

March 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

April 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565

GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

May 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

June 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944
BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389

July 2022

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 01	Spillway	36.879664, -76.045565
GNL 02	Pineland Lane	36.877968, -76.049659
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
BBRF 01	North Bay	36.726333, -75.985944

BBRF 02	Lotus Pond	36.731222, -75.984556
BBRF 03	Outfall	36.733278, -75.990861
BBRF 04	AP Pond	36.733778, -76.005389
	August 2022	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
	September 2022	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
	October 2022	
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 05	Weir	36.876730, -76.052220
	November 2022	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
	December 2022	
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 05	Weir	36.876730, -76.052220
	January 2023	

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

Feburary 2023

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

arch 2023

LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

April 2023

LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

May 2023

LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833

GNL 05	Weir	36.876730, -76.052220
June 2023		
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
July 2023		
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
August 2023		
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
September 2023		
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
October 2023		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167

GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
ember 2023		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
ember 2023		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
uary 2023		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220
Feburary 2023		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468

LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

March 2023

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

April 2023

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727
LRN 02	Broad Bay (FLSP)/Narrows	36.892322, -76.018429
LRN 03	Great Neck Creek/Birdneck Kayak Launch	36.848000, -76.003250
LRN 04	EB Lynnhaven South	36.842194, -76.057472
LRN 05	London Bridge Creek	36.806639, -76.080361
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek Kayak Launch	36.857344, -76.120244
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806
LRN 13	EB Elizabeth	36.826611, -76.197306
LRN 14	Wolfsnare Creek	36.854194, -76.056139
LRN 15	Lake Joyce	36.909861, -76.117750
LRN 17	Pleasure House Point	36.903952, -76.106468
LRN 18	Bay Island	36.906411, -76.044101
LRN 19	GR - City Park	36.797443, -76.111607
LRN 20	GR - Baptist Church	36.798996, -76.099067
LRN 21	GR - Clubhouse Culvert	36.798383, -76.090167
GNL 03	Pineland Lane	36.877552, -76.048458
GNL 04	Poplar Point Court	36.877778, -76.045833
GNL 05	Weir	36.876730, -76.052220

Sample Date	Enterococcus MPN/100ml	E. Coli MPN/100ml	Total Nitrogen mg/l	Total Kjeldahl Nitrogen mg/l
1/16/2018	85		0.76	0.7
1/16/2018	<10		<0.5	<0.5
1/16/2018	120		1.15	0.99
1/16/2018	31		<0.5	<0.5
1/16/2018	52 - IA5		0.94	0.8
1/16/2018	<10		<0.5	<0.5
2/6/2018	798		1.05	0.89
2/6/2018	20		0.79	0.77
2/6/2018	187		1.2	1.05
2/13/2018	860		0.82	0.75
2/13/2018	4110		1.43	1.32
2/12/2018	256		<0.5	<0.5
2/11/2018	10 - IS14		<0.5	<0.5
2/12/2018	<10		<0.5	<0.5
2/13/2018	860		0.82	0.75
3/6/2018	609		0.53	0.5
3/6/2018	10		0.5	<0.5
3/6/2018	175		0.58	0.57
3/6/2018	160		<0.5	<0.5
3/6/2018	97		1.12	1.01
3/12/2018	<10		<0.5	<0.5
3/11/2018	30		<0.5	<0.5
4/3/2018	3650		<0.5	<0.5
4/3/2018	<10		<0.5	<0.5
4/3/2018	2380		0.69	0.65
4/3/2018	75		0.86	0.85
4/3/2018	132		1.22	1.22
4/9/2018	341		<0.5	<0.5
4/9/2018	20 - IA8		<0.5	<0.5
4/3/2018	75		0.86	0.85
4/3/2018	<10	10	0.71	0.71
4/3/2018	<10	52	0.66	0.66
4/3/2018	20	<10	0.71	0.7
5/1/2018	3450		1.49	1.38
5/1/2018	10		0.85	0.85
5/1/2018	228		1.29	1.23
5/1/2018	85		0.97	0.97
5/1/2018	373		1.58	1.52
5/14/2018	<10		<0.5	<0.5
5/14/2018	<10		0.69	0.66
5/14/2018	10		0.54	0.52
5/14/2018	52		1.77	1.75
5/14/2018	<10		1.36	1.36
5/1/2018	10		1.28	1.28
5/1/2018	85		0.97	0.97
5/1/2018	10	121	1.28	1.28
5/1/2018	20	75	1.13	1.11
5/1/2018	<10	63	1	0.99
5/1/2018	<10	<10	0.93	0.93
5/1/2018	10	<10	1.06	1.05
6/5/2018	1050		0.75	0.5
6/5/2018	<10		<0.5	<0.5
6/5/2018	187		1.15	1.08
6/5/2018	884		1.1	1.06
6/5/2018	450		1.27	1.2
6/11/2018	10		<0.5	<0.5
6/10/2018	<10		0.67	0.66
6/11/2018	20		<0.5	<0.5
6/11/2018	496		2.79	2.73
6/11/2018	10	31	1.23	1.19
6/11/2018	1520		0.87	0.76
6/11/2018	14100		1.37	1.19
6/5/2018	109	41	0.98	0.96

6/5/2018	<10	10	1.75	1.7
6/5/2018	10	10	1.16	1.13
6/5/2018	20	98	1.08	1
6/5/2018	10	96	1.15	1.12
7/3/2018	0.88		0.07	6.7
7/3/2018	<0.5		<0.01	7.1
7/3/2018	1.23		0.09	53.3
7/3/2018	1.2		0.06	15.3
7/3/2018	6.64		0.15	92.8
7/9/2018	<0.5		0.07	18
7/9/2018	0.97		0.01	39.2
7/9/2018	1.36		0.2	112
7/9/2018	2.27	<10	0.06	32.4
7/3/2018	0.88		0.01	30.9
7/9/2018	1.25		0.04	40.7
7/3/2018	10.5	197	0.89	91
7/3/2018	1.08	20	0.02	6.2
7/3/2018	0.94	30	0.01	7.7
7/3/2018	1.02	<10	0.05	9.7
7/3/2018	2.47	10	0.05	14
8/7/2018	1.24		0.11	8.3
8/7/2018	0.78		0.04	7.2
8/7/2018	1.39		0.13	26
8/7/2018	1.55		0.18	27.3
8/13/2018	0.56		0.07	15.8
8/12/2018	0.74		0.01	22.9
8/13/2018	<0.5		0.02	22
8/13/2018	1.54		0.05	14.3
8/13/2018	1.46	<10	0.13	14.3
8/13/2018	1.07		0.03	52
8/7/2018	4.62	2	0.2	155
8/7/2018	1.14		0.01	9.4
8/7/2018	1.23	1	0.01	12.8
8/7/2018	1.32	1	0.01	13.2
8/7/2018	1.19	1	0.02	8.8
Sept 4 2018	1.14		0.01	11
Sept 4 2018	0.71		0.01	12.9
Sept 4 2018	1.26		0.19	27.3
Sept 4 2018	1.73		0.25	67.8
Sept 9 2018	1.24		0.02	25.3
Sept 9 2018	1.36		0.12	20.9
Sept 9 2018	0.76	2990	0.04	23
Sept 4 2018	1.16		0.11	30
Sept 9 2018	1.27		0.23	6.7
Sept 10 2018	1.54		0.03	32.4
Sept 4 2018	1.7	52	0.02	17.1
Sept 4 2018	1.76	<10	0.02	19.3
Sept 4 2018	1.63	10	0.02	16
Sept 4 2018	1.87	199	0.02	34.1
10/2/2018	0.96		0.22	8.9
10/2/2018	0.57		0.01	11.6
10/2/2018	0.98		0.1	27.8
10/2/2018	1.21		0.16	28.6
10/8/2018	0.55		0.01	17.7
10/7/2018	1.07		<0.01	29.2
10/8/2018	0.59		0.01	16.1
10/8/2018	1.43		0.04	11.6
10/8/2018	1.73		0.01	24
10/2/2018	1.06		0.02	47.6
10/8/2018	0.92		0.01	47.6
10/2/2018	1.85	41	0.02	19.4
10/2/2018	1.85	20	0.02	21.3
10/2/2018	1.86	74	0.02	20
10/2/2018	1.92	31	0.02	25.3
11/6/2018	0.64		0.02	11
11/6/2018	0.55		0.02	8

11/6/2018	0.86		0.01	10.4
11/6/2018	0.7		0.04	27
11/6/2018	1.16		0.06	74.4
11/12/2018	<0.5		0.03	12
11/12/2018	0.92		0.01	12.3
11/12/2018	<0.5		0.02	12.3
11/6/2018	0.6		0.02	8.5
11/12/2018	0.58		0.08	5.7
11/12/2018	1.3		<0.01	28.3
11/12/2018	0.66		0.03	19.6
11/12/2018	1.59		<0.01	18
11/6/2018	1.18	30	0.01	8
11/6/2018	1.2	86	0.01	8
11/6/2018	1.24	20	0.02	10
11/6/2018	1.21	173	0.02	8.3

12/4/2018	0.5		0.03	2.8
12/4/2018	<0.5		0.01	8.7
12/4/2018	0.51		0.01	3.3
12/4/2018	0.61		0.03	8
12/4/2018	0.95		0.04	12.4
12/10/2018	<0.5		0.03	2.8
12/10/2018	0.5		0.02	4.5
12/10/2018	<0.5		0.03	25.9
12/4/2018	<0.5		0.01	6.1
12/10/2018	0.79		0.12	7
12/10/2018	0.84		0.07	13.8
12/10/2018	0.84		0.06	11
12/10/2018	1.01		0.03	10.4
12/4/2018	0.95	<10	0.02	6.6
12/4/2018	1.09	31	0.02	4.3
12/4/2018	1.05	20	0.01	7.5
12/4/2018	0.99	20	0.03	6.1

1/8/2019	341		0.65	0.61
1/8/2019	10		1.53	1.51
1/8/2019	121		0.7	0.66
1/8/2019	135		0.85	0.76
1/8/2019	121		1.04	0.92
1/14/2019	2010		<0.5	<0.5
1/13/2019			0.69	0.69
1/14/2019	332		<0.5	<0.5
1/8/2019	<10		0.61	0.6
1/14/2019	9800		0.96	0.64
1/8/2019	98		0.92	0.81
1/14/2019	>24200		0.94	0.78
1/14/2019	350		1.52	1.37
1/8/2019	41	10	1.19	1.09
1/8/2019	10	20	1.19	1.1
1/8/2019	<10	<10	1.09	1
1/8/2019	20	20	1.29	1.2
2/5/2019	345		0.54	0.52
2/5/2019	<10		<0.5	<0.5
2/5/2019	31		0.62	0.56
2/5/2019	31		0.54	0.54
2/5/2019	31		0.93	0.88
2/11/2019	1400		0.88	0.75
2/10/2019	10		0.75	0.75
2/11/2019	63		<0.5	<0.5

2/5/2019	110		<0.5	<0.5
2/11/2019	5790		1.28	0.74
2/5/2019	52		0.84	0.84
2/11/2019	6870		1.39	0.99
2/11/2019	<10		1.59	1.12
2/5/2019	30	10	0.97	0.71
2/5/2019	10	10	0.94	0.7
2/5/2019	<10	10	0.94	0.75
2/5/2019	<10	<10	0.95	0.7
3/5/2019	820		0.67	0.65
3/5/2019	20		0.56	0.54
3/5/2019	2100		0.83	0.71
3/5/2019	7270		1.12	0.99
3/5/2019	4110		1.91	1.77
3/11/2019	<10		0.59	0.51
3/11/2019	20		0.65	0.58
3/5/2019	473		0.53	0.53
3/11/2019	>24200		4.34	4.2
3/11/2019	63		1.3	1.15
3/11/2019	341		1.98	1.93
3/11/2019	<10		1.41	0.95
3/5/2019	605	109	0.8	0.68
3/5/2019	108	52	0.87	0.72
3/5/2019	331	122	0.89	0.74
3/5/2019	354	121	0.79	0.68
3/5/2019	96	41	0.88	0.71
4/2/2019	20		0.82	0.79
4/2/2019	10		0.56	0.55
4/2/2019	10		0.66	0.66
4/2/2019	20		1.1	1.1
4/2/2019	189		1.19	1.17
4/7/2019	<10		0.87	0.87
4/2/2019	10		0.84	0.84
4/8/2019	>24200		4.14	4.02
4/2/2019	10		1.33	1.33
4/8/2019	110		2.01	2.01
4/8/2019	30		1.65	1.54
4/2/2019	20	<10	1.26	1.19
4/2/2019	<10	20	0.69	0.69
4/2/2019	<10	<10	0.71	0.71
4/2/2019	<10	20	0.79	0.79
4/2/2019	52	20	0.78	0.78
4/8/2019	10		1.23	1.19
4/8/2019	10		0.76	0.72
4/8/2019	<10		<0.5	<0.5
4/8/2019	<10		0.75	0.56
5/7/2019	4110		0.94	0.86
5/7/2019	41		0.56	0.54
5/7/2019	697		0.84	0.78
5/7/2019	728		2.16	2.09
5/6/2019	3650		1.6	1.51
5/13/2019	1140		0.59	0.55
5/18/2019	528		0.59	0.55
5/7/2019	441		0.9	0.9
5/13/2019	697		1.58	1.43
5/7/2019	2250		1.37	1.37
5/13/2019	13000		1.35	1.25

5/13/2019	63		1.25	1.25
5/7/2019	132	75	1.41	1.41
5/7/2019	30	10	1.11	1.1
5/7/2019	41	20	1.16	1.16
5/7/2019	41	52	1.43	1.43
5/7/2019	62	10	1.46	1.46
5/13/2019	74	75	0.97	0.97
5/13/2019	96	10	1.07	1.07
5/13/2019	119	20	0.61	0.61
5/13/2019	41	20	0.77	0.77
6/4/2019	2700		1.08	1.07
6/4/2019	31		0.72	0.7
6/4/2019	86		0.92	0.91
6/4/2019	187		1.4	1.4
6/4/2019	420		7.11	7.11
6/10/2019	2610		0.77	0.75
6/9/2019	432		1.32	1.32
6/10/2019	134		1.29	1.05
6/4/2019	408		1.19	1.19
6/10/2019	199		1.43	1.43
6/10/2019	20		0.99	0.99
6/4/2019	336	122	1.69	1.67
6/4/2019	31	20	1.21	1.21
6/4/2019	<10	41	1.17	1.17
6/4/2019	41	75	1.19	1.18
6/4/2019	287	52	6.25	6.25
6/10/2019	10	10	1.43	1.43
6/10/2019	31	487	1.2	1.18
6/10/2019	20	<10	0.76	0.73
6/10/2019	20	121	0.79	0.78
7/2/2019	1500		1.17	1.16
7/2/2019	20		0.84	0.84
7/2/2019	63		0.81	0.81
7/2/2019	301		1.12	1.12
7/2/2019	2100		1.47	1.45
7/8/2019	>24200		1.18	1.08
7/8/2019	15500		1.32	1.24
7/8/2019	31		0.73	0.72
7/2/2019	134		0.96	0.96
7/8/2019	>24200		1.08	0.9
7/2/2019	631		1.32	1.32
7/8/2019	>24200		1.21	0.94
7/2/2019	504	441	2.51	2.48
7/2/2019	31	10	2.21	2.17
7/2/2019	41	10	2.29	2.26
7/2/2019	20	<10	2.4	2.39
7/2/2019	134	30	2.34	2.3
7/8/2019	266	243	1.46	1.46
7/8/2019	3450	452	0.88	0.87
7/8/2019	697	399	0.92	0.91
7/8/2019	3080	886	0.95	0.94
8/6/2019	1220		1	0.99
8/6/2019	295		0.89	0.88
8/6/2019	122		1.01	1
8/6/2019	1920		1.22	1.14
8/6/2019	1180		1.14	1.1
8/12/2019	30		<0.05	<0.05

8/12/2019	41		1.05	1.04
8/12/2019	20		0.57	0.57
8/12/2019	121		1.07	1.04
8/12/2019	683		1.03	0.96
8/12/2019	727		1.14	1.13
8/12/2019	<10	20	1.64	1.64
8/6/2019	368	134	1.55	1.55
8/6/2019	73	20	2.13	2.13
8/6/2019	169	41	2.19	2.19
8/6/2019	20	30	2.14	2.14
8/6/2019	41	30	2.18	2.18
8/12/2019	96	<10	0.71	0.71
8/12/2019	84	41	0.08	0.79
8/12/2019	120	<10	0.66	0.66
9/3/2019	1440		1.14	1.13
9/3/2019	41		0.57	0.57
9/3/2019	85		0.94	0.94
9/3/2019	183		1.07	1.05
9/3/2019	520		1.48	1.46
9/9/2019	620		0.63	0.6
9/9/2019	73		0.78	0.78
9/9/2019	85		<0.05	<0.05
9/9/2019	336		0.82	0.72
9/9/2019	323		0.93	0.85
9/9/2019	85	146	1.44	1.44
9/3/2019	175	51	1.47	1.47
9/3/2019	31	10	2.22	2.22
9/3/2019	41	<10	2.17	2.15
9/3/2019	<10	10	2.09	2.09
9/3/2019	84	52	2.27	2.27
9/9/2019	253	121	1.3	1.3
9/9/2019	420	41	1.08	0.95
9/9/2019	175	146	0.71	0.61
9/9/2019	243	226	0.74	0.63
10/1/2019	1180		1.39	1.37
10/1/2019	<10		0.67	0.65
10/1/2019	96		0.91	0.89
10/1/2019	246		1.03	1.03
10/1/2019	888		1.2	1.2
10/21/2019	1960		0.59	0.57
10/20/2019	2480		0.96	0.96
10/21/2019	13000		1.19	0.73
10/1/2019	717		1	0.99
10/21/2019	19900		1.23	0.93
10/1/2019	84	97	1.47	1.47
10/1/2019	75	10	2.05	2.05
10/1/2019	63	41	2.07	2.07
10/1/2019	183	20	2.15	2.12
10/1/2019	86	<10	1.65	1.65
10/21/2020	2330	631	1.3	1.3
10/21/2019	1110	323	1.05	1.03
10/21/2019	512	231	0.86	0.83
10/21/2019	309	144	0.69	0.67
11/5/2019	262		0.61	0.57
11/5/2019	10		<0.50	<0.50
11/5/2019	591		0.7	0.61
11/5/2019	231		0.61	0.61

11/5/2019	63		0.88	0.88
11/18/2019	20		<0.50	<0.50
11/18/2019	121		<0.50	<0.50
11/18/2019	2990		1.97	1.66
11/5/2019	85		0.92	0.91
11/18/2019	1720		0.62	0.6
11/18/2019	31	10	1.91	1.91
11/5/2019	185	73	1.14	1.13
11/5/2019			1.44	1.44
11/5/2019	1190	389	1.45	1.45
11/5/2019	20	52	1.58	1.58
11/18/2019	1260	327	1.82	1.71
11/18/2019	127	31	0.8	0.75
11/18/2019	30	31	0.77	0.71
12/3/2019	364		<0.50	<0.50
12/3/2019	<10		<0.50	<0.50
12/3/2019	250		<0.50	<0.50
12/3/2019	120		<0.50	<0.50
12/3/2019	62		1.06	1.01
12/9/2019	63		0.55	0.53
12/9/2019	<10		0.81	0.79
12/9/2019	10		0.63	0.62
12/3/2019	84		0.71	0.64
12/9/2019	1040		1.32	1.09
12/9/2019	<10	<10	1.43	1.43
12/3/2019	10	341	1.15	1.12
12/3/2019	20	52	1.09	1.08
12/3/2019	<10	30	1.08	1.07
12/3/2019	<10	73	1.05	1.05
12/3/2019	10	20	1.21	1.2
12/9/2019	20	20	1.3	1.23
12/9/2019	<10	>24200	0.94	0.89
12/9/2019	<10	<10	0.72	0.58
12/9/2019	63	10	0.73	0.6
1/7/2020	20		0.58	0.56
1/7/2020	<10	<10	<0.50	<0.50
1/7/2020	31		0.76	0.68
1/7/2020	160		0.74	0.71
1/7/2020	74		1.24	1.13
1/13/2020	20		<0.50	<0.50
1/12/2020	20		0.58	0.58
1/13/2020	<10		<0.50	<0.50
1/13/2020	1070		<0.50	<0.50
1/7/2020	98		0.81	0.79
1/13/2020	>24200		0.91	0.91
1/13/2020	31	<10	1.45	1.45
1/7/2020	31	131	1.03	0.95
1/7/2020	41	10	1.13	1.11
1/7/2020	10	31	1.12	1.1
1/7/2020	30	31	1.03	1.03
1/7/2020	41	10	1.26	1.24
1/13/2020	52	197	1.07	1.01
1/13/2020	10	98	0.95	0.9
1/13/2020	10	<10	0.83	0.64
1/13/2020	<10	<10	0.81	0.64
2/4/2020	41		0.89	0.83
2/4/2020	20		0.53	0.51

2/4/2020	20		0.78	0.69
2/4/2020	75		0.77	0.77
2/4/2020	73		1.31	1.29
2/10/2020	<10		<0.50	<0.50
2/9/2020	373		1.09	1.01
2/10/2020	52		<0.50	<0.50
2/10/2020	3610		0.73	0.55
2/4/2020	41		1.03	0.94
2/10/2020	279		1.25	1.18
2/10/2020	<10		1.67	1.65
2/4/2020	20	10	1	0.94
2/4/2020	<10	31	1.05	0.95
2/4/2020	10	10	1.05	0.97
2/4/2020	20	20	1.45	1045
2/10/2020	687	471	1.07	1.02
2/10/2020	379	185	1.22	1.11
2/10/2020	402		0.88	0.71
2/10/2020	384	169	0.88	0.7

--	--	--	--	--

3/3/2020	97		1.03	0.95
3/3/2020	<10		<0.50	<0.50
3/3/2020	41		0.86	0.65
3/3/2020	63		0.92	0.88
3/3/2020	30		1.33	1.29
3/9/2020	10		<0.50	<0.50
3/8/2020	<10		<0.50	<0.50
3/9/2020	10		<0.50	<0.50
3/9/2020	52		<0.50	<0.50
3/9/2020	<10	10	1.57	1.43
3/3/2020	>24200	20	1.04	1.02
3/3/2020	<10	20	0.85	0.84
3/3/2020	10	10	0.78	0.77
3/3/2020	20	20	0.65	0.65
3/3/2020	<10	0	0.64	0.62
3/9/2020	10	52	0.85	0.84
3/9/2020	30	20	1.22	1.06
3/9/2020	<10	<10	<0.50	<0.50
3/9/2020	199	10	4.53	4.34

--	--	--	--	--

--	--	--	--	--

--	--	--	--	--

6/2/20	52		0.82	0.81
6/2/20	10		<0.50	<0.50
6/2/20	109		0.84	0.81
6/2/20	31		0.96	0.96
6/2/20	145		1.6	1.6
6/8/20	<10		<0.50	<0.50
6/8/20	31		0.91	0.9
6/8/20	1.32		0.91	0.75
6/2/20	52		0.85	0.79
6/8/20	52		1.46	1.46
6/8/20	10	<10	1.41	1.41
6/2/20	74	74	1.4	1.4
6/2/20	20	20	1.86	1.81
6/2/20	<10	10	1.82	1.78
6/2/20	<10	10	1.44	1.41
6/2/20	>24200	<10	5.69	5.64
6/8/20	<10	10	1.04	1.04

6/8/20	107	<10	1.58	1.57
6/8/20	<10	605	0.74	0.69
6/8/20	<10	173	0.72	0.66
7/7/20	2480		1.31	1.28
7/7/20	10		0.66	0.64
7/7/20	10		0.91	0.91
7/7/20	98		1.25	1.23
7/7/20	288		1.35	1.32
7/13/20	>24200		1.35	1.29
7/13/20	98		1.19	1.17
7/13/20	<10		0.67	0.65
7/7/20	97		1.25	1.22
7/13/20	213		1.68	1.67
7/13/20	10	<10	1.23	1.23
7/7/20	581	135	1.63	1.63
7/7/20	20	<10	1.32	1.32
7/7/20	31	<10	1.28	1.28
7/7/20	20	10	1.32	1.32
7/13/20	10	<10	1.17	1.17
7/13/20	107	10	1.41	1.41
7/13/20	20	<10	0.7	0.68
7/13/20	31	161	0.65	0.62
8/11/2020	384		1.76	1.68
8/11/2020	389		0.83	0.81
8/11/2020	399		1	0.91
8/11/2020	>24200		1.4	1.26
8/11/2020	24200		1.29	1.19
8/10/2020	2140		1.24	1.16
8/11/2020	443		1.21	1.21
8/10/2020	602		1.84	1.84
8/10/2020	<10	10	1.15	1.15
8/11/2020	145	471	2.35	2.35
8/11/2020	253	121	1.11	1.1
8/11/2020	20	30	1.51	1.5
8/11/2020	31	20	1.46	1.46
8/11/2020	10	<10	1.36	1.36
8/11/2020	20	31	1.41	1.41
8/10/2020	63	20	1.36	1.36
8/10/2020	197	31	1.04	1.03
8/10/2020	41	<10	0.88	0.84
8/10/2020	63	<10	0.68	0.65
9/1/2020	345		1.06	1.03
9/1/2020	<10		0.57	0.55
9/1/2020	30		0.7	0.67
9/1/2020	161		1.06	1.04
9/1/2020	288		1.51	1.46
9/13/2020	122		<0.50	<0.50
9/13/2020	72		0.88	0.85
9/14/2020	52		0.61	0.59
9/14/2020	31		0.91	0.67
9/1/2020	12000		1.32	1.28
9/14/2020	1050		1.13	1.11
9/14/2020	31	20	1.56	1.56
9/14/2020	20	31	0.98	0.98
9/1/2020	74	10	1.39	1.38
9/1/2020	51	<10	1.53	1.53
9/1/2020	31	10	1.71	1.7

9/1/2020	52	20	1.46	1.44
9/1/2020	<10	<10	1.56	1.56
9/14/2020	135	10	1.52	1.52
9/14/2020	1520	<10	0.99	0.97
9/14/2020	52	41	0.86	0.84
9/14/2020	10	31	0.63	0.63
10/6/2020	759		1.04	0.96
10/6/2020	<10		0.51	0.5
10/6/2020	249		0.73	0.7
10/6/2020	84		0.85	0.8
10/12/2020	7270		<0.50	<0.50
10/11/2020	73		0.77	0.78
10/12/2020	359		<0.50	<0.50
10/12/2020	>24200		1.05	0.65
10/6/2020	<10		1.41	1.14
10/12/2020	8160		1.18	1.02
10/12/2020	145		0.98	1.36
10/6/2020	20	30	1.04	1.03
10/6/2020	199	20	1.43	1.42
10/5/2020	20	10	1.4	1.39
10/6/2020	10	<10	1.25	1.24
10/6/2020	41	20	1.13	1.13
10/6/2021	20	10	1.68	1.68
10/12/2020	1.37		<10	1.36
10/12/2020	379		0.85	0.82
10/12/2020	341		0.68	0.66
10/12/2020	98	0.7	20	0.68
11/16/2020	583		1.08	0.87
11/16/2020	86		0.8	0.74
11/16/2020	213		0.7	0.64
11/16/2020	195		1.09	1
11/16/2020	364		1.25	1.13
11/9/2020	5790		0.94	0.85
11/8/2020	31		0.88	0.87
11/9/2020	10		0.98	0.55
11/16/2020	426		1.03	0.85
11/9/2020	1080		1.11	0.98
11/9/2020	31	<10	1.29	1.29
11/9/2020	<10	<10	0.84	0.84
11/16/2020	30	10	0.74	0.72
11/16/2020	97	279	1.02	0.97
11/16/2020	75	231	1.01	0.97
11/16/2020	75	279	0.89	0.85
11/16/2020	63	10	0.93	0.89
11/9/2020	<10	<10	1.16	1.16
11/9/2020	10	<10	0.63	0.62
11/9/2020	20	132	0.83	0.83
11/9/2020	<10	<10	0.81	0.81
1/5/21	2050		0.56	<0.50
1/5/21	20		<0.50	<0.50
1/5/21	1130		0.68	0.53
1/5/21	2910		1.17	1.01
1/5/21	1530		1.18	1.01
1/11/21	20		<0.50	<0.50
1/10/21	241		0.91	0.77
1/11/21	20		<0.50	<0.50

1/11/21	161		0.54	0.54
1/11/21	<10	<10	1.08	0.75
1/11/21	10	<10	1.09	0.84
1/5/21	63	10	0.69	0.62
1/5/21	10	20	0.78	0.66
1/5/21	41	31	0.74	0.62
1/5/21	20	85	0.61	0.52
1/5/21	20	<10	0.9	0.78
1/11/21	<10	10	0.76	0.66
1/11/21	10	10	0.57	<0.50
1/11/21	<10	10	0.63	<0.50
1/11/21	10	<10	0.7	<0.50
2/2/2021	10		<0.50	<0.50
2/2/2021	10		<0.50	<0.50
2/2/2021	934		0.66	0.54
2/2/2021	1730		0.81	0.68
2/2/2021	3610		2.01	1.86
2/8/2021	31		<0.50	<0.50
2/8/2021	<10		<0.50	<0.50
2/2/2021	1110		0.85	0.65
2/8/2021	1350		1.1	0.8
2/8/2021	10	41	1.5	1.13
2/2/2021	183	10	0.96	0.71
2/2/2021	75	10	<0.50	<0.50
2/2/2021	86	31	<0.50	<0.50
2/2/2021	63	63	<0.50	<0.50
2/2/2021	52	52	<0.50	<0.50
2/2/2021	20	<10	<0.50	<0.50
3/2/2021	1150		1.34	1.2
3/2/2021	20		<0.50	<0.50
3/2/2021	146		0.64	0.55
3/2/2021	121		0.99	0.81
3/2/2021	62		1.84	1.73
3/7/2021	31		1	0.87
3/8/2021	<10		<0.5	<0.50
3/8/2021	31		1.41	1.09
3/2/2021	30		0.93	0.71
3/8/2021	156		1.27	1.08
3/8/2021	10	20	1.13	0.77
3/2/2021	31	108	<0.50	<0.50
3/2/2021	10	20	0.72	0.69
3/2/2021	<10	10	0.61	0.58
3/2/2021	<10	30	<0.50	<0.50
3/2/2021	75	10	0.68	0.65
3/8/2021	10	<10	1.14	1.13
3/8/2021	<10	<10	0.94	0.87
3/8/2021	<10	10	0.83	0.66
3/8/2021	10	<10	2.4	2.22
4/6/2021	<10		<0.50	<0.50
4/6/2021	10		<0.50	<0.50
4/6/2021	41	0	<0.50	<0.50
4/12/2021	156		1.12	1.12
4/6/2021	520		1.22	1.2
4/12/2021	20		<0.50	<0.50
4/12/2021	794		1.17	1.15
4/12/2021	30		<0.50	<0.50
4/12/2021	30		1.28	1.13

4/6/2021	63		0.69	0.67
4/12/2021	171		0.92	0.9
4/12/2021	51	20	1.42	1.38
4/6/2021	>24200	<10	4.25	4.23
4/6/2021	10	20	0.8	0.73
4/6/2021	<10	<10	0.8	0.74
4/6/2021	20	10	0.83	0.77
4/6/2021	<10	<10	<0.50	<0.50
4/12/2021	52	63	1.24	1.18
4/12/2021	<10	31	0.02	1.05
4/12/2021	0.05	20	0.73	0.72
4/12/2021	85	31	1.53	1.5
5/10/2021	6130		1.67	1.64
5/10/2021	20		<0.50	<0.50
5/4/2021	459		0.89	0.77
5/4/2021	341		1.13	1.05
5/4/2021	4610		3.46	3.42
5/10/2021	20		<0.50	<0.50
5/9/2021	226		1.06	1.04
5/4/2021	<10		<0.50	<0.50
5/10/2021	228		0.63	0.52
5/4/2021	173		0.98	0.96
5/10/2021	479		0.95	0.94
5/10/2021	20	10	1.7	1.69
5/4/2021	>24200	565	2.26	2.24
5/4/2021	85	10	0.95	0.93
5/4/2021	108	41	1.03	1.02
5/4/2021	30	98	0.01	0.89
5/4/2021	173	20	1.34	1.34
5/10/2021	51	<10	1.1	1.09
5/10/2021	52	<10	1.07	1.5
5/10/2021	0.09	<10	0.77	0.74
5/10/2021	10	30	0.6	0.56
6/1/2021	305		0.84	0.79
6/1/2021	20		<0.50	<0.50
6/1/2021	109		1.24	1.15
6/1/2021	132		1.15	1.07
6/14/2021	733		0.6	0.58
6/14/2021	448		1.17	1.12
6/14/2021	10		<0.50	<0.50
6/14/2021	41		1.06	1.06
06/14/2021	10	3	1.12	1.12
6/1/2021	175	110	1.8	1.76
6/1/2021	<10	<10	0.97	0.94
6/1/2021	10	<10	0.96	0.95
6/1/2021	31	31	1.02	1.02
6/1/2021	512	10	12.8	12.8
6/14/21	<10	<1	1.35	1.35
6/14/21	<10	1	0.81	0.77
6/14/2021	10	2	0.8	0.74
6/14/2021	228	66	0.81	0.79
7/1/2021	697		1.04	1.02
7/1/2021	<10		0.56	0.55
7/1/2021	63		0.79	0.78
7/1/2021	52		1.3	1.3
7/1/21	97		0.61	0.59
7/14/2021	637		1.22	1.22

7/14/2021	10		<0.50	<0.50
7/7/2021	228		0.97	0.97
07/14/2021	0.23		1.67	1.66
7/1/2021	327	420	1.56	1.56
7/1/2021	<10	10	0.97	0.97
7/1/2021	<10	41	0.9	0.9
7/1/2021	<10	10	0.97	0.97
7/14/2021	20	10	1.15	1.13
7/14/2021	52	<10	0.85	0.83
7/14/2021	84	122	0.66	0.64
7/14/2021	40	31	0.7	0.67
8/3/2021	158		0.68	0.66
8/3/2021	10		0.52	0.5
8/3/2021	209		0.86	0.84
8/3/2021	185		1.15	1.1
8/3/2021	657		1.26	1.19
8/3/2021	20		0.57	0.55
8/9/2021	20		1.36	1.33
8/9/2021	414		<0.50	<0.50
8/3/2021	145		0.93	0.9
8/9/2021	146		1.24	1.22
8/9/2021	10	41	1.14	1.14
8/3/2021	41	63	0.96	0.95
8/3/2021	52	62	1.08	1.06
8/3/2021	52	74	1.13	1.13
8/3/2021	41	20	1.39	1.38
8/3/2021	74	63	1.28	1.27
8/9/2021	256	243	1.22	1.22
8/9/2021	160	31	0.76	0.72
8/9/2021			0.73	0.67
8/9/2021	20	52	0.65	0.62
9/7/2021	1200		0.99	0.94
9/7/2021	712		0.6	0.58
9/7/2021	30		0.73	0.72
9/13/2021	246		1.36	1.34
9/7/2021	712		1.77	1.71
9/13/2021	1940		1.65	1.64
9/13/2021	576		1.24	1.19
9/13/2021	<10		<0.50	<0.50
9/7/2021	727		1.29	1.27
9/13/2021	878		2.17	2.06
9/13/2021	31	20	1.38	1.38
9/7/2021	156	120	1.61	1.56
9/7/2021	31	<10	1.35	1.35
9/7/2021	63	10	2.12	2.1
9/7/2021	74	41	2.28	2.26
9/7/2021	41	<10	2.25	2.18
9/13/2021	52	20	1.15	1.15
9/13/2021			<0.50	<0.50
9/13/2021	10	<10	<0.50	<0.50
9/13/2021	20	<10	<0.50	<0.50
10/5/2021	583		1.07	1.04
10/5/2021	403		0.57	0.55
10/5/2021	41		0.73	0.71
10/5/2021	108		0.84	0.82
10/11/2021	2400		1.17	1.12
10/11/2021	251		<0.50	<0.50

10/5/2021	1140		1.24	1.2
10/5/2021	51		<0.50	<0.50
10/5/2021	171		0.85	0.82
10/11/2021	2110		0.88	0.83
10/11/2021	84	148	2.03	2.03
10/11/2021	265	683	2.45	2.44
10/11/2021	146	63	1.76	1.76
10/11/2021	20	20	1.96	1.96
10/05/2021	120	30	1.71	1.71
10/11/2021	31	109	1.89	1.89
10/11/2021	20	97	2.01	2.01
10/11/2021	122	10	0.75	0.71
10/11/2021	10	10	0.76	0.73
11/2/2021	120		0.61	0.59
11/2/2021	10		<0.50	<0.50
11/2/2021	30		<0.50	<0.50
11/2/2021	10		<0.50	<0.50
11/8/2021	305		0.83	0.81
11/8/2021	10		<0.50	<0.50
11/08/2021	464		0.69	0.65
11/8/2021	20		<0.50	<0.50
11/5/0202	171		0.85	0.82
11/08/2021	714		<0.50	<0.50
11/8/2021	98	<10	1.52	1.52
11/2/2021	247	86	1	0.99
11/2/2021	20	52	1.1	1.1
11/2/2021	30	135	1.26	1.26
11/2/2021	41	<10	1.23	1.23
11/8/2021	41	52	<0.50	<0.50
11/8/2021	146	313	0.7	0.63
12/7/2021	933		0.93	0.87
12/7/2021	<10		<0.50	<0.50
12/7/2021	<10		<0.50	<0.50
12/7/2021	74		0.62	0.6
12/13/2021	588		1.49	1.49
12/13/2021	1220		1.43	1.36
12/13/2021	<10		<0.50	<0.50
12/7/2021	185		1.01	0.99
12/13/2021	1050		1.15	0.83
12/13/2021	31	52	1.31	1.16
12/7/2021	75	145	1.74	1.73
12/7/2021	75	10	1.35	1.33
12/7/2021	30	86	1.31	1.3
12/7/2021	684	189	1.36	1.36
12/7/2021	10	20	1.28	1.25
12/13/2021	51	74	1.23	1.13
12/13/2021	20	20	1.17	1.17
12/13/2021	<10	<10	<0.50	<0.50
12/13/2021	<10	<10	<0.50	<0.50
1/4/2022	0.15	na	3.7	0.98
1/4/2022	<0.05	na	2	0.51
1/4/2022	0.07	na	6.3	0.67
1/4/2022	0.13	17300	14.5	0.81
1/4/2022	0.25	19900	15	1.34
1/10/2022	0.12	3870	11.4	0.89
1/10/2022	0.05	75	22.6	<0.50

1/4/2022	0.26	12000	44.4	1.58
1/10/2022	0.07	63	5.3	1.08
1/4/2022	0.06	2250	2.9	<0.50
1/4/2022	0.1	216	4.1	1.15
1/4/2022	0.09	328	5.3	0.93
1/4/2022	0.09	706	3.2	0.94
1/4/2022	0.09	379	5.3	0.98
1/10/2022	0.08	131	13.2	1.07
1/10/2022	0.06	41	12	0.82
1/10/2022	0.07	41	38.4	0.66
1/10/2022	<0.05	<10	12.6	0.68
2/1/2022	<0.05	120	6.4	<0.50
2/1/2022	<0.05	<10	5	<0.50
2/1/2022	<0.05	10	4.4	<0.50
2/1/2022	0.07	121	21.8	0.61
2/1/2022	0.15	1080	47.6	1.16
2/14/2022	0.1	86	8.3	0.78
2/14/2022	<0.05	<10	22.5	<0.50
2/1/2022	0.15	<10	8.3	0.9
2/14/2022	0.1	145	9.2	0.66
2/14/2022	0.07	<10	3.8	1.19
2/1/2022	0.06	<10	1.6	0.65
2/1/2022	0.05	<10	2.3	0.69
2/1/2022	0.05	<10	1.6	0.7
2/1/2022	0.07	<10	10.7	0.76
2/1/2022	0.06	20	3	0.7
2/14/2022	0.09	20	28	1.08
2/14/2022	0.06	10	20.8	<0.50
2/14/2022	0.07	<10	29.8	0.54
3/1/2022	<0.05	20	12.4	<0.50
3/1/2022	<0.05	<10	na	<0.50
3/1/2022	<0.05	<10	4.1	<0.50
3/1/2022	<0.05	<10	7.2	<0.50
3/1/2022	0.27	156	18.4	1.18
3/1/2022	<0.5	<10	4.7	<0.50
3/1/2022	0.05	20	6	0.66
3/14/2022	0.15	4110	30.4	1.3
3/14/2022	0.07	109	7.9	0.97
3/1/2022	0.09	10	na	0.78
3/1/2022	0.05	52	na	0.62
3/1/2022	<0.05	<10	na	0.54
3/1/2022	<0.05	<10	na	0.56
3/1/2022	<0.05	<10	na	0.59
3/14/2022	0.13	908	31.6	1.32
3/14/2022	0.14	703	50.8	0.98
3/14/2022	0.2	2010	67.3	1.04
3/14/2022	0.08	231	18.5	0.64
4/5/2022	0.12	156	5.1	0.79
4/5/2022	0.06	31	9.5	0.65
4/5/2022	0.12	63	14.7	0.99
4/5/2022	0.18	52	9	0.61
4/4/2022	0.16	305	28.1	1.38
4/11/2022	<0.05	10	9.2	<0.50
4/5/2022	0.06	20	7.4	0.96
4/11/2022	0.15	158	17.2	1.14
4/11/2022	0.07	20	5.5	0.91
4/5/2022	0.15	148	16	1.89

4/5/2022	0.07	10	2.6	0.72
4/5/2022	0.07	84	55.5	0.74
4/5/2022	0.07	<10	2.5	0.71
4/5/2022	0.4	142	81	2.27
4/11/2022	0.06	10	35.6	1.1
4/11/2022	0.07	41	12.1	0.8
4/11/2022	<0.05	10	9.5	<0.50
4/11/2022	<0.05	20	12.7	0.62

5/3/2022	0.16	932	na	0.96
5/3/2022	0.07	259	na	0.8
5/3/2022	0.11	158	na	0.8
5/3/2022	0.23	464	na	1.59
5/9/2022	0.14	2100	na	1.07
5/16/2022	<0.05	<10	na	<0.50
5/3/2022	0.09	148	na	0.97
5/9/2022	0.1	17300	na	0.89
5/9/2022	0.12	na	na	1.09
5/3/2022	0.34	na	na	1.64
5/3/2022	0.13	na	na	0.82
5/3/2022	0.12	na	na	0.81
5/3/2022	0.13	na	na	0.78
5/3/2022	0.21	na	na	1.94
5/9/2022	0.18	909	na	1.6
5/9/2022	0.14	145	na	1.08
5/9/2022	0.07	73	na	0.73

6/7/2022	0.14	301	na	0.98
6/7/2022	<0.05	<10	na	0.68
6/7/2022	0.13	63	na	1.12
6/7/2022	0.16	20	na	0.87
6/7/2022	0.5	146	na	1.74
6/13/2022	0.17	4160	na	1.11
6/13/2022	<0.05	<10	na	<0.50
6/7/2022	0.13	586	na	0.94
6/13/2022	0.13	11200	na	0.99
6/13/2022	0.12	na	na	0.98
6/7/2022	0.23	na	na	2.25
6/7/2022	0.24	na	na	1.11
6/7/2022	0.24	na	na	1.02
6/7/2022	0.2	na	na	0.97
6/7/2022	0.29	na	na	1.22
6/13/2022	<0.05	52	na	1.08
6/13/2022	0.07	292	na	0.77
6/13/2022	0.06	384	na	0.62
6/13/2022	0.12	135	na	1.03

7/5/2022	0.18	521	na	1.26
7/5/2022	<0.05	<10	na	0.64
7/5/2022	0.11	86	na	1.22
7/11/2022	0.17	882	na	1.07
7/11/2022	0.07	75	na	0.57
7/5/2022	0.23	487	na	1.24
7/11/2022	0.17	644	na	1.08
7/5/2022	0.26	na	na	1.72
7/5/2022	0.18	na	na	1.37
7/5/2022	0.19	na	na	1.35
7/5/2022	0.17	na	na	1.35
7/5/2022	0.18	na	na	1.59
7/11/2022	0.11	30	na	2.3

7/11/2022	0.06	75	na	1.34
7/11/2022	0.06	52	na	1.41
7/11/2022	0.06	41	na	1.33
8/2/2022	0.86	>24200	na	1.71
8/2/2022	0.17	2100	na	1.77
8/2/2022	0.16	15500	na	1.21
8/2/2022	0.32	8660	na	1.62
8/2/2022	0.27	2190	na	1.52
8/8/2022	0.07	10	na	0.6
8/2/2022	0.27	862	na	1.39
8/8/2022	0.24	85	na	1.7
8/8/2022	0.24	na	na	2.94
8/2/2022	0.13	na	na	1.57
8/2/2022	0.16	na	na	1.78
9/6/2022	0.12	228	na	1.1
9/6/2022	0.07	<10	na	0.69
9/6/2022	0.11	51	na	1.02
9/6/2022	0.2	63	na	1.24
9/12/2022	0.23	7700	na	1.8
9/12/2022	0.33	4110	na	2.1
9/12/2022	0.1	256	na	0.72
9/12/2022	0.14	313	na	1.09
9/12/2022	0.15	3440	na	1.28
9/6/2022	0.18	na	na	2.14
9/6/2022	0.15	na	na	2.33
10/4/2022	960		0.8	0.78
10/4/2022	2810		0.86	0.8
10/4/2022	1580		1.28	1.16
10/10/2022	327		1.06	1.03
10/10/2022	na		0.5	0.51
10/10/2022	134		1.02	0.93
10/10/2022	63		0.76	0.76
10/10/2022	20		2.16	2.16
10/4/2022		148	1.93	1.93
11/1/2022	17300		1.01	0.84
11/1/2022	836		1.24	1.23
11/1/2022	4880		0.82	0.76
11/1/2022	2140		0.7	0.66
11/1/2022	3260		1.09	1.03
11/14/2022	754		1.12	1.08
11/14/2022	52		<0.05	<0.05
11/14/2022	816		1.05	0.93
11/14/2022		120	2.42	2.42
11/1/2022		158	1.15	1.15
11/1/2022		10	0.76	0.76
12/6/2022	41		0.77	0.75
12/6/2022	<10		<0.50	<0.50
12/6/2022	122		0.62	0.6
12/6/2022	75		0.53	0.51
12/6/2022	355		1.21	1.17
12/12/2022	1620		0.91	0.9
12/12/2023	717		0.74	0.67
12/12/2022	148		<0.50	<0.50
12/12/2022		171	2.04	2.03
12/6/2023		41	3.61	3.6

1/3/2023	10	na	<0.50	<0.50
1/3/2023	<10	na	<0.50	<0.50
1/3/2023	226	na	<0.50	<0.50
1/3/2023	631	na	0.83	0.81
1/3/2023	563	na	1.13	1.02
1/9/2023	839	na	1.19	1.06
1/9/2023	10	na	<0.50	<0.50
1/9/2023	683	na	1.21	1.15
1/9/2023	495	na	0.84	0.82
1/9/2023	na	110	1.44	1.44
1/3/2023	na	52	0.74	0.74
1/3/2023	na	<10	0.68	0.68
2/7/2023	<10	na	0.79	0.73
2/7/2023	<10	na	<0.50	<0.50
2/7/2023	20	na	<0.50	<0.50
2/7/2023	62	na	0.83	0.78
2/7/2023	211	na	1.55	1.47
2/13/2023	4880	na	1.42	1.32
2/13/2023	97	na	<0.50	<0.50
2/13/2023	2100	na	1.24	1.22
2/13/2023	12000	na	1.11	0.92
2/13/2023	na	132	1.57	1.57
2/7/2023	na	20	0.67	0.66
2/7/2023	na	<10	0.75	0.72
3/7/2023	31	na	<0.50	<0.50
3/7/2023	<10	na	<0.50	<0.50
3/7/2023	86	na	1.81	1.81
3/13/2023	959	na	1.20	1.15
3/13/2023	20	na	<0.50	<0.50
3/13/2023	4880	na	0.67	0.61
3/13/2023	1530	na	0.97	0.74
3/13/2023	na	10	2.62	2.51
3/13/2023	<10	na	<0.50	<0.50
3/13/2023	na	1330	1.10	1.10
3/13/2023	na	256	1.43	1.40
3/13/2023	na	1190	1.17	1.13
3/7/2023	na	10	0.50	0.50
3/7/2023	na	20	0.52	0.52
4/4/2023	20	na	0.55	0.53
4/4/2023	41	na	0.65	0.65
4/10/2023	341	na	1.17	1.14
4/10/2023	743	na	1.04	1.00
4/10/2023	na	20	2.28	2.23
4/10/2023	110	na	0.61	0.61
4/10/2023	<10	na	<0.50	<0.50
4/10/2023	na	98	1.21	1.21
4/10/2023	na	98	1.39	1.38
4/10/2023	na	203	1.30	1.28
4/4/2023	na	10	0.75	0.75
4/4/2023	na	<10	4.82	4.82
5/2/2023	602	na	0.86	0.82
5/2/2023	1850	na	1.30	1.23
5/2/2023	1180	na	1.56	1.49
5/8/2023	2990	na	1.33	1.23
5/8/2023	30	na	<0.50	<0.50
5/8/2023	323	na	0.87	0.87
5/8/2023	2380	na	1.09	1.01
5/8/2023	na	30	2.09	2.09
5/8/2023	52	na	0.67	0.65
5/8/2023	10	na	0.57	0.55
5/8/2023	na	521	1.55	1.55
5/8/2023	na	860	1.63	1.61
5/8/2023	na	537	1.45	1.42
5/2/2023	na	75	0.87	0.87

5/2/2023	na	10	0.91	0.91
6/12/2023	1010	na	0.81	0.77
6/6/2023	no result	na	0.83	0.81
6/6/2023	135	na	1.02	1.02
6/12/2023	175	na	0.83	0.81
6/12/2023	10	na	<0.50	<0.50
6/12/2023	146	na	0.72	0.70
6/12/2023	256	na	0.89	0.88
6/12/2023	na	20	1.42	1.42
6/6/2023	10	na	0.72	0.70
6/12/2023	na	487	1.56	1.56
6/12/2023	na	226	1.52	1.50
6/12/2023	na	1470	1.28	1.28
6/6/2023	na	20	0.95	0.95
6/6/2023	na	63	1.05	1.04
7/11/2023	512	na	1.01	0.95
7/11/2023	512	na	1.17	1.08
7/10/2023	>24200	na	1.28	1.18
7/10/2023	749	na	0.78	0.74
7/10/2023	24200	na	1.33	1.24
7/10/2023	>24200	na	1.42	1.19
7/10/2023	122	na	0.63	0.59
7/10/2023	na	15500	1.35	1.25
7/10/2023	na	17300	1.31	1.18
7/10/2023	na	>24200	1.30	1.16
8/1/2023	122	na	0.74	0.74
8/14/2023	259	na	1.03	1.03
8/14/2023	110	na	0.86	0.84
8/14/2023	63	na	1.00	1.00
8/14/2023	na	10	2.19	2.19
8/14/2023	52	na	0.73	0.72
8/14/2023	<10	na	<0.50	<0.50
8/14/2023	na	63	3.41	3.41
8/14/2023	na	52	1.59	1.57
8/14/2023	na	85	1.72	1.66
8/1/2023	na	10	2.19	2.19
8/1/2023	na	<10	1.89	1.89
9/5/2023	135	na	1.32	1.30
9/5/2023	74	na	1.10	1.05
9/5/2023	313	na	1.19	1.12
9/11/2023	14100	na	1.35	1.26
9/11/2023	301	na	0.71	0.68
9/5/2023	85	na	1.27	1.26
9/11/2023	>24200	na	1.43	1.13
9/11/2023	na	41	2.79	2.79
9/11/2023	256	na	0.73	0.71
9/11/2023	169	na	0.68	0.65
9/11/2023	na	20	2.94	2.94
9/11/2023	na	30	1.57	1.54
9/11/2023	na	74	1.79	1.75
9/5/2023	na	10	1.88	1.88
9/5/2023	na	<10	3.50	3.50
10/9/2023	1370	na	1.11	1.08
10/3/2023	146	na	0.76	0.75
10/3/2023	63	na	1.47	1.47
10/9/2023	52	na	0.89	0.81
10/9/2023	52	na	0.77	0.74
10/9/2023	na	97	2.52	2.52
10/9/2023	<10	na	<0.50	<0.50
10/9/2023	na	1010	2.56	2.54
10/9/2023	na	238	1.13	1.10
10/9/2023	na	146	1.49	1.48

10/3/2023	na	10	1.44	1.44
10/3/2023	na	<10	0.92	0.83
11/13/2023	313	na	0.70	0.67
11/7/2023	135	na	0.63	0.60
11/7/2023	201	na	0.61	0.58
11/13/2023	216	na	0.64	0.62
11/13/2023	<10	na	<0.50	<0.50
11/7/2023	41	na	0.63	0.60
11/13/2023	52	na	<0.50	<0.50
11/13/2023	na	63	2.51	2.51
11/13/2023	<10	na	<0.50	<0.50
11/13/2023	na	74	1.22	1.22
11/13/2023	na	256	0.96	0.96
11/13/2023	na	73	1.34	1.34
11/7/2023	na	144	1.53	1.53
11/7/2023	na	52	2.12	2.12
12/11/2023	19900	na	0.96	0.71
12/5/2023	613	na	<0.50	<0.50
12/5/2023	301	na	0.65	0.59
12/11/2023	17300	na	1.06	0.87
12/11/2023	171	na	<0.50	<0.50
12/11/2023	19900	na	1.17	1.04
12/11/2023	6870	na	0.99	0.82
12/11/2023	na		2.21	2.21
12/11/2023	10	na	<0.50	<0.50
12/11/2023	na	6130	1.36	1.20
12/11/2023	na	6870	1.20	1.06
12/11/2023	na	14100	1.79	1.61
12/5/2023	na	75	1.12	1.11
12/5/2023	na	10	1.38	1.35

1/2/2024	0.06	134	<0.50	<0.50
1/2/2024	0.08	97	0.69	0.76
1/8/2024	0.08	1020	0.8	0.89
1/8/2024	<0.05	30	<0.50	<0.50
1/8/2024	0.09	1920	0.82	0.97
1/8/2024	0.12	5170	0.79	0.95
1/8/2024	0.10	na	1.50	1.56
1/8/2024	<0.05	20	<0.50	<0.50
1/8/2024	0.12	na	0.90	1.03
1/8/2024	0.18	na	1.12	1.24
1/8/2024	0.19	na	1.11	1.25
1/2/2024	0.06	na	0.97	1.06
1/2/2024	0.08	na	1.10	1.22
2/12/2024	0.10	5790	0.76	0.89
2/6/2024	<0.05	20	<0.50	<0.50
2/6/2024	<0.05	121	<0.50	<0.50
2/6/2024	0.06	269	0.75	0.77
2/12/2024	0.08	2910	0.94	1.10
2/12/2024	<0.05	203	<0.50	<0.50
2/12/2024	0.08	1580	1.01	1.09
2/12/2024	0.05	2610	0.69	0.76
2/12/2024	<0.05	na	1.10	1.22

2/12/2024	<0.05	10	<0.50	<0.50
2/12/2024	0.10	na	0.99	1.12
2/12/2024	0.14	na	1.13	1.28
2/12/2024	0.15	na	1.02	1.18
2/6/2024	<0.05	na	0.82	0.99
2/6/2024	<0.05	na	0.79	0.99
3/11/2024	0.12	1010	0.86	0.95
3/5/2024	0.10	3870	0.93	0.99
3/5/2024	0.22	24200	1.13	1.21
3/11/2024	0.11	171	0.89	1.08
3/11/2024	<0.05	197	<0.50	<0.50
3/5/2024	0.18	>24200	1.16	1.29
3/11/2024	0.07	345	0.68	0.74
3/11/2024	0.09	na	1.30	1.49
3/11/2024	<0.05	<10	<0.50	<0.50
3/11/2024	0.14	na	1.10	1.24
3/11/2024	0.15	na	1.12	1.27
3/11/2024	0.18	na	1.21	1.33
3/5/2024	0.06	na	0.88	0.96
3/5/2024	0.05	na	0.86	0.93
4/8/2024	0.11	323	0.63	0.65
4/8/2024	<0.05	10	0.60	0.60
4/2/2024	0.10	96	0.95	1.03
4/2/2024	0.31	10	1.70	1.79
4/8/2024	0.11	98	1.18	1.18
4/8/2024	<0.05	63	<0.50	0.52
4/8/2024	0.08	31	0.91	0.92
4/8/2024	0.07	20	0.77	0.77
4/8/2024	0.09	na	1.36	1.42
4/2/2024	0.09	41	0.60	0.60
4/8/2024	<0.05	134	0.54	0.55
4/8/2024	0.14	na	1.22	1.22
4/8/2024	0.15	na	1.14	1.14
4/8/2024	0.21	na	1.46	1.46
4/2/2024	0.07	na	0.88	0.88
4/2/2024	0.25	na	0.84	0.84

Total Phosphorus mg/l	Total Suspended Solids mg/l	Ammonia-N mg/l	Nitrate/Nitrite-N mg/l
0.05	7	0.03	0.06
0.01	5	<.01	<.01
0.09	15.8	0.16	0.17
0.04	9.3	<.01	<.01
0.05	8.6	0.05	0.14
0.02	11.7	<.01	<.01
0.13	5.3	0.28	0.16
0.06	4.4	0.26	0.01
0.08	13.6	0.34	0.16
0.12	28	0.3	0.08
0.26	43.5	0.11	0.11
0.05	6	0.05	0.04
0.04	11.3	<0.01	<0.01
0.02	10.8	0.02	<0.01
0.12	28	0.3	0.08
0.05	2.3	0.03	0.03
0.03	3.6	0.01	0.02
0.03	5.2	0.01	0.01
0.03	8.9	<0.01	<0.01
0.1	20.4	0.09	0.11
0.03	4.2	0.02	0.02
0.04	6.7	0.01	0.01
0.07	2.9 - IA7		0.05
0.02	2.7 - IA7		<0.01
0.06	3		0.04
0.09	18.4		0.01
0.21	44.9		0.12
0.09	7.1	0.06	0.11
0.04	8	0.01	<0.01
0.09	18.4		0.01
0.05	2.6		<0.01
0.05	4.6		<0.01
0.05	9.5		0.01
0.21	7.4	0.52	0.1
0.08	4.9	0.15	<0.01
0.13	24.2	0.07	0.06
0.08	12.9	<0.01	<0.01
0.25	26.6	0.17	0.05
0.03	7.1	0.02	<0.01
0.07	18.8	0.01	0.02
0.09	17.2	0.04	0.02
0.15	27.2	0.1	0.02
0.12	22	0.02	<0.01
0.17	3.9	0.13	<0.01
0.08	12.9	<0.01	<0.01
0.17	3.9	0.13	<0.01
0.01	3.1	0.15	0.02
0.19	2	0.12	0.01
0.18	2.3	0.06	<0.01
0.19	1.3	0.14	0.01
0.14	4.6	0.09	0.06
0.05	4.8	0.01	0.02
0.16	9.9	0.03	0.06
0.2	19.4	0.06	0.04
0.27	21	0.19	0.07
0.05	12.7	0.04	0.02
0.11	25.8	<0.01	0.01
0.03	11.6	0.02	0.01
0.28	13.5	0.08	0.06
0.2	14	0.01	0.04
0.08	11.7	0.01	0.11
0.17	15.1	0.09	0.18
0.16	7.4	0.13	0.02

0.54	11.2	0.14	0.05
0.41	6.3	0.01	0.02
0.34	7.5	0.09	0.08
0.46	8.9	0.22	0.03
0.23	0.9	546	0.02
0.05	<0.5	<10	<0.01
0.29	1.25	85	0.01
0.23	1.2	30	<0.01
1.16	6.68	203	0.05
0.07	<0.5	650	0.03
0.12	0.97	110	<0.01
0.13	1.36	107	<0.01
0.17	2.29	63	0.02
0.13	0.93	10	0.05
0.18	1.25	393	<0.01
1.06	10.5	867	<0.01
0.19	1.08	31	<0.01
0.2	0.94	<10	<0.01
0.23	1.02	<10	<0.01
0.35	2.47	155	<0.01
0.22	1.33	1520	0.1
0.09	0.8	10	0.02
0.24	1.44	98	0.04
0.58	1.63	537	0.08
0.07	0.58	30	0.02
0.08	0.76	30	0.02
0.06	<0.5	74	<0.01
0.13	1.59	379	0.06
0.21	1.49	10	0.02
0.14	1.08	714	0.01
0.39	4.64	211	0.02
0.36	1.15	31	0.01
0.27	1.24	<10	0.01
0.21	1.33	10	0.01
0.17	1.19	10	<0.01
0.26	1.18	633	0.03
0.06	0.71	<10	<0.01
0.17	1.28	197	0.02
0.33	1.79	717	0.06
0.12	1.26	5480	0.02
0.2	1.47	3130	0.12
0.06	0.77	144	0.02
0.15	1.17	259	0.02
0.18	1.56	5790	0.29
0.16	1.57	1320	0.03
0.22	1.7	10	<0.01
0.22	1.76	<10	<0.01
0.17	1.63	20	<0.01
0.24	1.87	<10	<0.01
0.15	1	420	0.04
0.05	0.57	20	<0.01
0.15	1.03	305	0.05
0.21	1.28	391	0.07
0.05	0.57	30	0.02
0.1	1.07	52	<0.01
0.05	0.6	<10	0.02
0.12	1.44	86	0.01
0.13	1.73	31	<0.01
0.12	1.07	85	0.01
0.09	0.92	41	<0.01
0.19	1.85	10	<0.01
0.19	1.85	31	<0.01
0.17	1.86	10	<0.01
0.2	1.92	20	<0.01
0.06	0.65	228	0.01
0.03	0.55	20	<0.01

0.06	0.87	1010	0.01
0.08	0.71	336	0.01
0.26	1.26	465	0.11
0.03	<0.5	73	0.01
0.05	0.94	41	0.02
0.03	<0.5	<10	0.04
0.05	0.62	10	0.02
0.04	0.98	41	0.4
0.2	1.32	389	0.02
0.08	0.68	<10	0.02
0.08	1.59	84	<0.01
0.08	1.18	20	<0.01
0.08	1.2	10	<0.01
0.11	1.24	10	<0.01
0.1	1.21	96	<0.01
0.03	0.53	75	0.02
0.02	<0.5	<10	0.03
0.03	0.53	86	0.01
0.05	0.66	52	0.05
0.17	1.08	86	0.13
0.07	<0.5	75	0.11
0.03	0.5	<10	<0.01
0.04	<0.5	327	0.11
0.04	<0.5	85	<0.01
0.23	1.04	10500	0.26
0.15	1.02	2480	0.17
0.14	1	9210	0.16
0.07	1.05	754	0.03
0.07	1.02	<10	0.07
0.07	1.16	<10	0.06
0.08	1.1	10	0.05
0.07	1.05	<10	0.07
0.04	4.2	0.03	0.04
0.24	4.5	0.03	0.02
0.04	4.1	0.02	0.04
0.1	7.8	0.12	0.1
0.12	12.4	0.14	0.11
0.04	5.5	0.02	0.08
0.04	9.3	0.01	<0.01
0.05	26.5	0.03	0.16
0.03	4.1	0.01	0.02
0.12	7.1	0.09	0.32
0.06	6.1	0.02	0.11
0.18	5.7	0.05	0.16
0.08	9	0.44	0.16
0.09	4.1	0.25	0.1
0.08	3	0.24	0.09
0.07	2.5	0.21	0.09
0.09	6	0.22	0.09
0.04	7.1	0.01	0.01
0.02	5.3	0.02	0.01
0.04	7.4	0.01	0.05
0.06	18.3	0.02	<0.01
0.16	66.8	0.11	0.05
0.11	13.5	0.15	0.14
0.04	14.2	<0.01	<0.01
0.03	12.7	0.01	0.05

0.04	12.3	0.04	<0.01
0.06	5.6	0.21	0.54
0.06	12.7	<0.01	<0.01
0.13	27.3	0.25	0.4
0.06	8.6	0.24	0.47
0.06	2.3	0.14	0.26
0.07	1.7	0.11	0.23
0.05	1.7	0.11	0.19
0.06	1.8	0.11	0.24
0.05	9.4	0.07	0.02
0.02	4.5	0.01	0.01
0.06	8	0.02	0.12
0.12	27.8	0.08	0.13
0.21	45.6	0.07	0.14
0.02	5.2	0.01	0.08
0.08	73.6	<0.01	0.07
0.03	8.8	0.01	<0.01
0.19	84.8	0.02	0.14
0.12	18.3	0.02	0.15
0.14	25	0.01	0.05
0.07		0.02	0.46
0.07	3.7	0.08	0.12
0.06	3.7	0.06	0.15
0.06	4.5	0.07	0.15
0.06	4.5	0.07	0.12
0.06	3.2	0.07	0.16
0.06	7.8	<0.01	0.02
0.02	5.8	0.01	0.01
0.03	5.4	<0.01	<0.01
0.11	31.6	0.02	<0.01
0.15	19.3	0.1	0.02
0.07	17	<0.01	<0.02
0.06	21.4	0.01	<0.01
0.19	60	0.02	0.12
0.1	22.4	<0.01	<0.01
0.21	38.4	<0.01	<0.01
0.1	16	0.07	0.11
0.09	15.4	0.06	0.08
0.06	3	0.01	<0.01
0.05	3.1	<0.01	<0.01
0.06	4	0.01	<0.01
0.06	4.3	<0.01	<0.01
0.1	35.6	0.02	0.04
0.06	7.2	0.01	0.04
0.04	9.4	0.05	0.19
0.05	15	0.04	0.18
0.17	4.8	0.18	0.07
0.03	10.1	0.01	0.01
0.08	6.2	0.03	0.06
0.35	9.4	1	0.07
0.25	21	0.18	0.09
0.05	7.3	0.07	0.04
0.04	8.2	0.04	0.04
0.08	20	0.01	<0.01
0.13	25.2	<0.01	0.14
0.18	40.3	0.02	<0.01
0.18	18.2	0.04	0.1

0.13	18.3	0.01	<0.01
0.27	5	0.49	<0.01
0.36	3.7	0.18	0.01
0.38	5.5	0.18	<0.01
0.41	6	0.12	<0.01
0.4	9.2	0.02	<0.01
0.09	22	0.02	<0.01
0.11	26.8	0.06	<0.01
0.06	14.4	0.09	<0.01
0.08	23.6	0.04	<0.01
0.19	6.8	0.02	0.01
0.06	7.7	0.02	0.02
0.06	11.4	0.02	0.02
0.15	24.9	0.03	<0.01
0.91	73.1	0.03	<0.01
0.07	7.7	0.05	0.02
0.11	24.9	0.02	<0.01
0.08	10.6	0.02	0.23
0.19	30.3	0.02	<0.01
0.12	15.7	0.02	<0.01
0.05	5.6	<0.01	<0.01
0.2	12.8	0.22	0.02
0.2	8.9	0.01	<0.01
0.24	10.9	0.01	<0.01
0.23	10	0.02	0.02
0.69	31	0.12	<0.01
0.08	16.7	0.02	<0.01
0.09	4.5	0.05	0.02
0.06	14.3	0.07	0.03
0.04	12	0.02	0.01
0.16	15.5	0.06	0.01
0.04	11.5	0.04	<0.01
0.05	11.4	0.01	<0.01
0.2	33.2	0.02	<0.01
0.22	53.2	0.04	0.02
0.17	19.2	0.15	0.09
0.14	38.4	0.1	0.08
0.05	14	0.04	0.02
0.1	28.7	0.03	<0.01
0.12	8.2	0.06	0.18
0.25	31.3	0.05	<0.01
0.16	11.2	0.14	0.27
0.31	22.8	0.3	0.03
0.19	14.9	0.16	0.04
0.23	16.8	0.05	0.03
0.22	14	0.02	0.01
0.21	23.6	0.07	0.04
0.07	13.6	0.02	<0.01
0.07	10.8	0.02	0.01
0.06	23.8	<0.01	0.01
0.07	18.4	0.02	0.02
0.2	7.9	0.02	0.01
0.06	10.3	0.09	0.02
0.12	13.6	<0.01	0.01
0.23	28.6	0.08	0.08
0.16	14	0.11	0.04
0.03	8.5	0.04	<0.01

0.1	40	0.02	0.01
0.05	12.3	0.07	<0.01
0.9	88	0.04	0.03
0.12	14.4	0.02	0.06
0.13	34.4	0.02	0.01
0.09	22.4	0.02	<0.01
0.2	30.8	0.07	<0.01
0.2	19.4	0.02	<0.01
0.21	20.5	0.03	<0.01
0.21	22	0.02	<0.01
0.23	20	0.03	<0.01
0.06	19.6	0.02	<0.01
0.06	30.3	0.03	0.01
0.04	8.1	0.07	<0.01
0.19	7.1	0.19	0.02
0.05	7.1	0.02	<0.01
0.08	10.9	0.01	<0.01
0.12	31.2	0.07	0.01
0.15	24	0.49	0.02
0.09	12.2	0.16	0.02
0.08	15.3	0.02	<0.01
0.06	28.8	0.05	0.02
0.12	4.2	0.23	0.09
0.13	12	0.24	0.07
0.1	20.6	0.01	<0.01
0.22	10.4	0.16	<0.01
0.17	20	0.02	<0.01
0.18	20	0.02	0.01
0.15	18.1	0.02	<0.01
0.18	22.5	0.02	<0.01
0.09	20	0.05	0.09
	5.6	0.06	0.12
0.05	19.1	0.1	0.11
0.05	13.8	0.08	0.1
0.16	8.5	0.19	0.02
0.04	8.5	0.02	0.02
0.06	10.2	0.02	0.02
0.13	34.9	0.01	<0.01
0.13	16.7	0.01	<0.01
0.05	10.4	0.06	0.02
0.08	10.3	0.01	<0.01
0.12	4.2	0.03	0.46
0.12	42	0.06	0.02
0.19	7.1	0.04	0.3
<0.01	6.9	0.24	0.2
0.15	22.9	0.02	<0.01
0.16	21.6	0.02	<0.01
0.17	24	0.02	0.03
0.17	20.8	0.02	<0.01
0.08	22	0.03	<0.01
0.08	6.5	0.04	0.02
0.06	18.8	0.03	0.02
0.05	27.6	0.02	0.05
0.06	5.1	0.12	0.04
0.02	4.3	0.02	0.01
0.05	4.2	0.08	0.09
0.05	7.8	0.02	<0.01

0.11	7.7	0.02	<0.01
0.02	5.1	0.05	0.02
0.03	8.7	0.06	0.02
0.09	7.7	0.07	0.31
0.1	41.4	0.01	0.01
0.05	6.8	0.03	0.02
0.11	30.7	0.02	<0.01
0.14	5.5	0.03	0.01
0.09	13	0.02	<0.01
0.1	14	0.02	<0.01
0.11	14.5	0.03	<0.01
0.13	20.8	0.61	0.11
0.05	33.1	0.04	0.05
0.03	12.6	0.06	0.06
0.04	1.5	0.04	0.05
0.02	7.1	0.02	0.02
0.02	2.2	0.02	0.02
0.04	6.3	0.01	0.01
0.13	13.2	0.02	0.04
0.02	4.4	0.05	0.02
0.03	6.7	<0.01	0.01
0.03	27.2	0.03	0.02
0.06	6.7	0.02	0.07
0.21	8.4	0.14	0.21
0.08	22	<0.01	<0.01
0.18	12	0.02	0.02
0.07	7.4	0.02	0.01
0.07	7	0.02	<0.01
0.07	5.7	0.01	<0.01
0.08	12.3	0.01	0.01
0.06	17.3	0.06	0.07
0.05	46.7	0.05	0.05
0.03	8.8	0.09	0.14
0.03	17.1	0.07	0.14
<0.05	5	0.02	0.02
<0.05	4.5	<0.02	<0.01
0.05	4.1	0.1	0.08
0.06	9.7	0.01	0.03
0.18	8.1	0.15	0.11
<0.05	9.6	0.05	0.01
0.06	18.6	0.02	<0.01
<0.05	9.2	0.04	0.01
<0.05	3.2	0.09	0.16
0.05	6.3	<0.02	0.02
0.1	32.4	0.03	<0.01
0.08	23.2	0.02	<0.01
0.1	8.4	0.06	0.08
0.07	6.2	0.02	0.02
0.07	6	0.02	0.02
0.07	4.9	<0.02	<0.01
0.08	10.6	0.04	0.02
0.06	14.9	0.02	0.06
0.06	7.1	0.04	0.05
<0.05	29.1	0.02	0.19
<0.05	11.4	0.01	0.16
0.09	11.2	0.15	0.05
<0.05	6.6	0.02	0.02

<0.05	7.3	<0.02	0.08
0.06	9.6	<0.02	<0.01
0.18	14	0.02	0.02
<0.05	7.4	0.02	0.02
0.11	21.2	0.05	0.08
<0.05	11.9	<0.02	0.02
<0.05	17.4	0.06	0.18
0.07	21.5	0.05	0.09
0.14	47.6	0.09	0.07
0.09	21.3	0.07	0.03
0.09	10.8	0.11	0.06
0.07	3.2	0.06	0.11
0.06	3.6	0.05	0.08
0.12	4.2	<0.02	<0.01
0.11	8.9	0.09	0.05
0.12	9.2	0.08	0.11
0.06	16.8	0.09	0.17
0.06	14	0.09	0.17

0.12	7.3	0.36	0.07
<0.05	3.2	0.08	0.02
<0.05	6.7	0.06	0.21
0.11	12.7	<0.02	0.04
0.18	17.6	0.03	0.04
<0.05	7	<0.02	0.01
0.07	14	<0.02	<0.01
<0.05	1.4	0.04	0.09
0.06	14.5	<0.02	0.01
0.09	20	0.12	0.14
0.09	6.7	0.03	0.01
<0.05	3.8	<0.02	0.01
<0.05	3.8	0.02	0.01
<0.05	3.6	<0.02	<0.01
<0.05	3.7	<0.02	0.02
0.1	32	0.03	0.01
0.59	57.5	0.08	0.16
0.06	10.9	0.05	0.19
0.36	35.2	0.1	0.19

0.14	24.7	0.08	0.01
<0.05	9.3	<0.02	0.01
0.08	6.7	<0.02	0.03
0.11	20.4	0.04	<0.01
0.3	26.6	0.03	<0.01
<0.05	12.6	0.11	0.02
0.11	26.3	0.05	0.01
0.07	5.8	0.06	0.16
0.07	13.1	<0.02	0.06
0.17	50.4	0.03	<0.01
0.12	20.3	0.03	<0.01
0.24	9.9	0.52	<0.01
0.25	6.5	0.23	<0.01
0.24	7.5	0.17	0.04
0.22	5.1	0.41	0.04
0.54	49.8	0.25	0.05
0.08	8.3	0.02	<0.01

0.22	8.4	0.12	0.01
0.06	27.4	0.07	0.05
<0.05	12.7	0.1	0.06
0.25	7.6	0.27	0.04
<0.05	11	<0.02	0.03
0.33	22.2	0.03	<0.02
0.28	23.4	0.09	0.02
0.41	63.6	0.07	0.3
0.45	25.8	0.24	0.06
0.19	50.4	<0.02	0.01
0.1	22.8	0.09	0.02
0.22	23.2	0.06	0.03
0.31	27.3	0.04	0.01
0.08	10.4	<0.02	<0.01
0.3	11.6	0.3	<0.02
0.15	10.8	<0.02	<0.02
0.13	12.4	<0.02	<0.02
0.14	11.2	<0.02	<0.02
0.07	13	0.03	<0.01
0.2	8.7	0.02	<0.01
<0.05	11.8	0.06	0.02
<0.05	18	<0.02	0.03
0.42	11.7	0.34	0.07
0.09	7.8	0.1	0.01
0.17	5	0.08	0.09
0.31	23.4	0.06	0.13
0.26	17.6	0.03	0.1
0.25	22.6	0.41	0.08
0.22	69.6	<0.02	<0.01
0.29	28.4	0.05	<0.01
<0.05	8.2	0.02	<0.01
0.28	54	<0.02	<0.01
0.18	10.8	0.1	0.01
0.15	12.8	<0.02	0.01
0.16	16.8	<0.02	<0.01
0.15	14.8	0.03	<0.01
0.15	14	0.05	<0.01
0.15	9.2	<0.02	<0.01
0.16	6.4	0.08	0.02
0.12	17.7	0.08	0.01
0.05	11.6	0.04	0.04
0.12	13.9	0.04	0.03
0.05	18	0.04	0.02
0.06	9.7	<0.02	0.03
0.18	42.8	0.02	0.01
0.33	16.8	0.22	0.05
<0.05	8.9	0.06	0.04
0.09	19.3	<0.02	0.02
0.06	7.3	0.06	0.02
0.06	5.1	0.17	0.25
0.2	38	0.03	0.04
0.14	39.6	0.03	0.01
0.16	19.5	<0.02	<0.01
0.11	14	<0.02	<0.01
0.16	7.2	0.19	0.01
0.17	18	0.03	<0.01
0.16	18.8	<0.02	<0.01

0.19	20	0.02	0.02
0.15	17.6	<0.02	<0.01
0.14	25.1	0.04	<0.01
0.16	29.1	0.02	0.02
0.07	21	0.05	0.02
<0.05	18	<0.02	<0.01
0.16	7.6	0.39	0.08
<0.05	6.1	0.02	0.01
0.06	7.1	<0.02	0.03
0.08	9.2	0.14	0.05
0.06	13.8	0.15	0.04
0.07	18.5	<0.02	<0.01
0.07	36.3	0.13	0.03
0.06	5.4	0.12	0.41
0.18	188	<0.02	<0.01
0.13	11.9	0.13	0.16
0.07	20.5	<0.02	0.02
0.11	34	<0.02	<0.01
0.16	8.7	0.26	0.01
0.17	10.9	<0.02	<0.01
0.1	12.4	0.07	0.01
0.1	10.5	<0.02	<0.01
0.17	10.9	<0.02	<0.01
0.07	20.5	0.02	<0.01
0.06	9.9	0.06	0.02
<0.05	13.6	0.03	0.02
0.05	21	<0.02	0.01
0.11	15.9	0.27	0.21
0.06	13.4	0.11	0.06
<0.05	29	0.15	0.06
0.22	13.6	0.1	0.09
0.25	54	0.14	0.12
0.14	18	0.24	0.09
0.07	10.8	<0.02	0.01
0.05	5.1	0.11	0.43
0.11	14.2	0.11	0.18
0.09	11.8	<0.02	0.13
0.08	14.5	<0.02	<0.01
0.07	23.2	<0.02	<0.01
0.12	5.7	0.08	0.02
0.1	8.4	0.06	0.05
0.11	8.8	0.09	0.04
0.11	5.8	0.08	0.04
0.09	7.4	0.06	0.04
0.06	12.8	<0.02	<0.01
0.07	3.7	<0.02	0.01
0.06	48.8	< 0.02	<0.01
< 0.05	10.6	0.03	0.02
0.07	5.2	0.07	0.11
<0.05	5.6	<0.02	0.01
0.06	5	0.03	0.14
0.18	14.1	0.09	0.16
0.17	13.4	0.12	0.16
<0.05	8	<0.02	0.05
0.09	7.8	0.02	0.15
<0.05	4.4	0.03	0.14

0.05	12.6	<0.02	<0.01
<0.05	3.2	0.23	0.34
0.12	20.3	0.32	0.24
0.07	6.6	0.09	0.07
0.05	2.3	0.06	0.12
0.06	2.1	0.06	0.13
<0.05	1	0.04	0.09
0.07	1	0.04	0.12
<0.05	9.2	<0.02	0.1
<0.05	7.8	0.1	0.22
<0.05	6.6	0.14	0.23
<0.05	7	0.15	0.23
<0.05	5	0.04	0.09
<0.05	6.2	<0.02	0.01
<0.05	4.6	<0.02	0.11
0.08	9.3	0.07	10034
23	38.4	0.12	0.15
<0.05	14.9	<0.02	0.02
0.05	15	0.02	0.03
0.07	27	0.03	0.2
0.08	10.2	0.11	0.3
<0.05	5.4	0.31	0.38
0.09	40	0.05	0.26
<0.05	2.8	0.07	0.11
<0.05		<0.02	0.02
<0.05		<0.02	0.02
<0.05		<0.02	0.02
<0.05		<0.02	0.04
0.18	17.7	0.28	0.14
<0.05	6.4	0.04	<0.01
0.05	10.5	0.03	0.09
0.14	15.6	0.1	0.18
0.25	23.7	<0.02	0.11
0.05	12.3	<0.02	0.14
0.05	13.8	0.03	0.03
0.05	19.7	0.08	0.32
0.08	31.2	0.08	0.04
0.08	25	0.08	0.19
<0.05	5.2	0.02	0.36
0.07	3	0.05	0.05
0.07	15.3	0.1	0.03
0.06	6.6	0.06	0.03
0.06	3.6	<0.02	0.04
0.07	14	0.08	0.04
0.08	22.8	0.02	<0.01
0.08	8.5	0.12	0.08
0.07	10.7	0.08	0.17
0.2	28	0.08	0.18
<0.05	5.8	<0.02	0.01
<0.05	3.1	0.02	0.01
<0.05	4.7	<0.02	0.03
0.11	15.8	0.03	<0.01
0.21	25.7	<0.02	0.02
<0.05	4	0.04	0.01
0.12	12	0.04	0.02
<0.05	12	0.04	0.01
0.14	15.2	0.03	0.03

0.07	15.6	<0.02	0.02
0.05	7.8	<0.02	0.01
0.11	7	0.14	0.05
0.39	47.6	<0.02	0.03
0.07	5.2	0.07	0.08
0.07	4.6	0.06	0.05
0.07	4.6	0.05	0.05
0.07	4.7	0.05	0.05
0.08	20	0.12	0.06
0.09	13.4	0.03	0.02
0.05	12	0.03	0.01
0.14	15.2	0.03	0.03
0.34	18.8	0.12	0.03
<0.05	4.1	0.08	0.01
0.11	10.4	0.16	0.13
0.17	19.6	0.12	0.08
0.65	126	0.18	0.03
<0.05	4.1	0.08	0.01
0.13	21.4	0.06	0.06
<0.05	10.4	0.04	0.02
0.05	5.7	0.07	0.12
0.13	16.3	<0.02	0.02
0.14	46.8	0.02	0.01
0.15	20.3	0.04	<0.01
0.35	19.4	0.46	0.02
0.11	6.3	0.05	0.02
0.12	5.1	0.05	0.01
0.12	4.2	0.05	0.01
0.16	10.8	0.07	<0.01
0.07	21.1	0.07	0.01
0.11	15.8	0.04	0.03
0.09	15	0.11	0.03
<0.05	16.8	0.07	0.04
0.11	5.3	0.18	0.05
<0.05	4.5	0.05	0.02
0.13	8.7	0.17	0.08
0.15	17.4	0.24	0.09
0.07	17.3	0.11	0.02
0.15	17.2	0.09	0.05
<0.05	11	0.09	0.05
0.13	24	<0.02	<0.01
0.1	10.7	<0.02	<0.01
0.18	10.8	0.67	0.03
0.15	5.3	0.02	0.02
0.15	9	<0.02	0.01
0.15	6.3	<0.02	<0.01
1.18	20.1	0.2	0.03
0.1	18.8	0.02	<0.01
0.09	5.5	0.06	0.03
0.05	14.8	0.07	0.06
0.05	13.2	<0.02	0.02
0.16	12.3	0.1	0.02
<0.05	7.2	0.09	0.01
0.11	9.2	<0.02	0.01
0.25	14.2	0.02	<0.01
0.05	19.4	0.14	0.02
0.16	20.6	<0.02	<0.01

<0.05	12.7	0.03	0.02
0.21	14.9	0.03	<0.01
0.23	22.5	<0.02	0.01
0.34	19.7	0.24	<0.01
0.11	7.2	<0.02	<0.01
0.1	5.5	<0.02	<0.01
0.11	7.2	<0.02	<0.01
0.06	14	<0.02	0.01
0.08	2.7	0.03	0.01
0.06	14.4	0.06	0.02
<0.05	12.6	0.03	0.02
0.11	8.6	0.05	0.02
0.06	22.3	0.08	0.02
0.18	12.8	<0.02	0.02
0.22	21.8	0.14	0.06
0.23	114	0.1	0.07
<0.05	13.1	0.09	0.02
0.16	22.2	0.07	0.04
<0.05	6.3	<0.02	0.02
0.2	28.8	<0.02	0.03
0.15	48	0.03	0.02
0.08	11.6	<0.02	<0.01
0.16	11.5	0.1	0.02
0.14	10.7	<0.02	0.02
0.15	14.4	<0.02	<0.01
0.18	18.5	<0.02	0.01
0.16	46.5	<0.02	0.02
0.12	15.5	0.02	<0.01
0.05	14.4	0.03	0.04
0.06	11.7	0.06	0.06
<0.05	7.4	0.04	0.03
0.14	7.9	0.09	0.05
0.06	11.2	0.04	0.02
0.06	15.4	<0.02	0.02
0.23	26	<0.02	0.02
0.23	26	0.02	0.05
0.33	84.4	0.57	0.02
0.18	20.8	0.18	0.05
0.08	24	0.1	<0.01
0.24	44.4	0.02	0.03
0.24	40.8	0.02	0.11
0.12	20.4	<0.02	<0.01
0.11	13	0.06	0.05
0.03	19.6	0.02	<0.01
0.09	25	0.02	0.02
0.17	24	0.02	0.03
0.09	31	0.02	0.07
0.07	17	<0.02	<0.01
0.06	6.9	0.03	0.01
<0.05	12.3	0.03	0.01
<0.05	16.9	<0.02	0.01
0.17	18.4	0.15	0.03
0.16	15.6	0.05	0.02
0.06	40.5	<0.02	0.02
0.16	13.8	0.02	0.02
0.1	12.9	0.13	0.04
0.05	11.3	0.12	0.03

0.14	8.8	0.3	0.04
0.05	13.9	0.11	0.03
0.14	19.7	<0.02	0.03
0.08	10.4	0.11	0.05
0.15	31	0.03	<0.01
0.27	9.7	0.86	0.02
0.14	15.2	0.02	<0.01
0.15	19.5	0.03	<0.01
0.16	16.5	<0.02	<0.01
0.15	18	0.03	<0.01
0.18	44.7	0.03	<0.01
0.06	17.2	0.06	0.04
<0.05	12.6	0.02	0.03
0.06	9.3	0.1	0.02
<0.05	4.7	0.02	0.02
<0.05	5.3	<0.02	0.02
0.07	9.3	0.02	0.02
0.08	8.9	<0.02	0.02
<0.05	12.1	0.07	0.04
0.06	3.5	0.06	0.03
0.05	23.3	0.05	0.04
0.14	19.7	<0.02	0.03
<0.05	3.3	<0.02	0.02
0.11	19	0.02	<0.01
0.12	8.7	0.08	0.02
0.1	10	<0.02	<0.01
0.1	12.4	<0.02	<0.01
0.1	16.1	<0.02	<0.01
<0.05	2.4	0.04	0.08
0.07	23.3	0.05	0.07
0.09	6.9	0.25	0.06
<0.05	2.5	<0.02	<0.01
0.06	2.4	<0.02	0.02
0.57	11.5	<0.02	0.02
0.17	74.4	<0.02	<0.01
0.16	25.8	0.05	0.07
<0.05	4.7	0.02	0.02
0.13	31.3	<0.02	0.02
0.06	16	0.13	0.32
0.06	8	0.13	0.15
0.08	20.5	<0.02	0.01
0.08	7.2	0.02	0.02
0.08	6	0.05	0.01
0.08	6.1	<0.02	<0.01
0.08	6.9	0.03	0.02
<0.05	10	0.06	0.1
0.1	25.7	0.02	<0.01
<0.05	5.5	0.05	0.06
<0.05	10.9	0.02	0.04
1.38	0.4	0.07	na
0.53	0.02	0.04	na
0.75	0.08	0.03	na
0.92	0.1	0.08	na
1.48	0.14	0.07	na
1.12	0.23	0.3	na
<0.50	0.02	0.03	na

1.71	0.13	0.09	na
1.31	0.22	0.23	171
<0.50	0.07	0.05	998
1.26	0.11	0.25	233
1.03	0.1	0.23	432
1.03	0.09	0.21	884
1.1	0.12	0.23	910
1.19	0.12	0.06	161
0.89	0.07	0.09	144
0.84	0.18	0.14	216
0.84	0.16	0.13	148
<0.50	0.05	0.06	na
<0.50	0.02	0.05	na
<0.50	0.02	0.03	na
0.63	0.02	0.02	na
1.32	0.15	0.16	na
0.83	0.04	0.08	na
<0.50	<0.01	<0.02	na
0.93	0.03	0.31	na
0.69	0.03	0.03	na
1.85	0.66	0.36	10
0.76	0.11	0.06	10
0.83	0.14	<0.02	10
0.84	0.14	<0.02	30
0.87	0.12	0.02	41
0.85	0.15	<0.02	<10
1.22	0.14	<0.02	63
<0.50	0.15	0.03	31
0.69	0.14	0.04	52
<0.50	0.02	0.03	na
<0.50	0.02	<0.02	na
<0.50	0.02	<0.02	
<0.50	0.02	<0.02	
1.34	0.16	0.38	na
<0.50	0.02	0.02	na
0.68	0.01	<0.02	na
1.45	0.14	0.27	na
1.34	0.37	0.09	246
0.79	0.01	0.05	2480
0.62	<0.01	<0.02	20
0.54	<0.01	0.02	10
0.56	<0.01	<0.02	20
0.59	<0.01	<0.02	10
1.38	0.06	0.03	317
1.08	0.1	0.05	708
1.2	0.16	0.18	1270
0.89	0.25	0.09	98
0.85	0.06	0.28	na
0.67	0.02	<0.02	na
0.99	<0.01	<0.02	na
0.63	0.02	0.03	na
1.4	0.02	0.02	na
<0.50	0.02	<0.02	na
1.02	0.06	0.03	na
1.2	0.06	0.03	na
0.96	0.05	0.04	41
1.91	0.02	0.06	74

0.73	0.02	0.03	<10
0.74	<0.01	0.03	<10
0.72	0.01	0.03	<10
2.3	0.03	0.06	<10
1.1	<0.01	<0.02	20
0.85	0.05	0.05	<10
<0.50	0.11	0.06	10
0.72	0.1	0.06	<10
0.98	0.02	na	na
0.82	0.02	na	na
0.8	<0.01	na	na
1.59	<0.01	na	na
1.14	0.07	na	na
<0.50	0.01	na	na
0.98	0.01	na	na
1.02	0.12	na	na
1.18	0.09	na	266
1.7	0.06	na	<10
0.82	<0.01	na	<10
0.81	<0.01	na	10
0.78	<0.01	na	31
1.98	0.04	na	10
1.71	0.11	na	na
1.14	0.06	na	na
0.85	0.12	na	na
0.99	0.02	na	na
0.68	<0.01	na	na
1.14	0.02	na	na
0.88	0.01	na	na
1.74	<0.01	na	na
1.18	0.07	na	na
<0.50	0.02	na	na
0.94	<0.01	na	na
1.03	0.04	na	na
0.98	<0.01	na	256
2.25	<0.01	na	<10
1.11	<0.01	na	10
1.02	<0.01	na	20
0.97	<0.01	na	31
1.22	<0.01	na	31
1.08	<0.01	na	na
0.8	0.02	na	na
0.64	0.02	na	na
1.04	0.01	na	na
1.28	0.01	na	na
0.65	0.02	na	na
1.23	0.01	na	na
1.13	0.06	na	na
0.63	0.07	na	na
1.25	0.02	na	na
1.19	0.11	na	na
1.72	<0.01	na	110
1.37	<0.01	na	10
1.36	0.01	na	<10
1.35	<0.01	na	10
1.6	0.01	na	20
2.34	0.04	na	na

1.36	0.02	na	na
1.44	0.03	na	na
1.35	0.03	na	na
1.91	0.2	na	na
1.79	0.02	na	na
1.29	0.08	na	na
1.75	0.13	na	na
1.57	0.05	na	na
0.61	0.02	na	na
1.42	0.03	na	na
1.71	0.01	na	na
2.94	<0.01		98
1.58	0.02	na	1380
1.78	<0.01	na	323
1.12	0.02	na	na
0.69	<0.01	na	na
1.04	0.02	na	na
1.26	0.02	na	na
1.82	0.02	na	na
2.16	0.06	na	na
0.77	0.05	na	na
1.17	0.08	na	na
1.31	0.04	na	na
2.14	<0.01	na	98
2.33	<0.01	na	31
0.06	No longer sampling	na	0.02
0.1	No longer sampling	na	0.07
0.19	No longer sampling	na	0.11
0.09	No longer sampling	na	0.03
<0.05	No longer sampling	na	0.03
0.1	No longer sampling	na	0.09
0.07	No longer sampling	na	<0.01
0.16	No longer sampling	na	<0.01
0.13	No longer sampling	na	<0.01
0.16	No longer sampling	na	0.17
0.1	No longer sampling	na	0.02
0.08	No longer sampling	na	0.06
0.07	No longer sampling	na	0.04
0.13	No longer sampling	na	0.06
0.13	No longer sampling	na	0.04
<0.05	No longer sampling	na	0.04
0.15	No longer sampling	na	0.11
0.17	No longer sampling	na	<0.01
0.07	No longer sampling	na	<0.01
0.07	No longer sampling	na	<0.01
0.05	No longer sampling	na	0.02
<0.05	No longer sampling	na	0.02
<0.05	No longer sampling	na	0.02
<0.05	No longer sampling	na	0.02
0.21	No longer sampling	na	0.04
0.07	No longer sampling	na	0.02
0.07	No longer sampling	na	0.07
<0.05	No longer sampling		0.02
0.13	No longer sampling	na	0.02
0.69	No longer sampling	na	0.02

<0.05	no longer sampling longer sampling	0.02
<0.05	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	0.05
0.11	no longer sampling longer sampling	0.02
0.24	no longer sampling longer sampling	0.11
0.10	no longer sampling longer sampling	0.13
<0.05	no longer sampling longer sampling	0.02
0.12	no longer sampling longer sampling	0.06
0.08	no longer sampling longer sampling	0.02
0.11	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	<0.01

0.06	no longer sampling longer sampling	0.07
<0.05	no longer sampling longer sampling	0.02
<0.05	no longer sampling longer sampling	0.02
0.10	no longer sampling longer sampling	0.05
0.24	no longer sampling longer sampling	0.08
0.13	no longer sampling longer sampling	0.10
<0.05	no longer sampling longer sampling	0.02
0.13	no longer sampling longer sampling	0.02
0.16	no longer sampling longer sampling	0.19
0.11	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	0.01
<0.05	no longer sampling longer sampling	0.02

<0.05	no longer sampling longer sampling	0.02
0.05	no longer sampling longer sampling	0.02
0.34	no longer sampling longer sampling	0.01
0.11	no longer sampling longer sampling	0.05
<0.05	no longer sampling longer sampling	0.02
<0.05	no longer sampling longer sampling	0.05
0.07	no longer sampling longer sampling	0.23
0.18	no longer sampling longer sampling	0.11
<0.05	no longer sampling longer sampling	<0.01
0.11	no longer sampling longer sampling	<0.01
0.16	no longer sampling longer sampling	0.03
0.13	no longer sampling longer sampling	0.03
<0.05	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	<0.01

<0.05	no longer sampling longer sampling	0.02
0.06	no longer sampling longer sampling	<0.01
0.15	no longer sampling longer sampling	0.03
0.09	no longer sampling longer sampling	0.04
0.16	no longer sampling longer sampling	0.05
0.07	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	0.02
0.12	no longer sampling longer sampling	<0.01
0.18	no longer sampling longer sampling	0.01
0.15	no longer sampling longer sampling	0.02
0.07	no longer sampling longer sampling	<0.01
0.60	no longer sampling longer sampling	<0.01

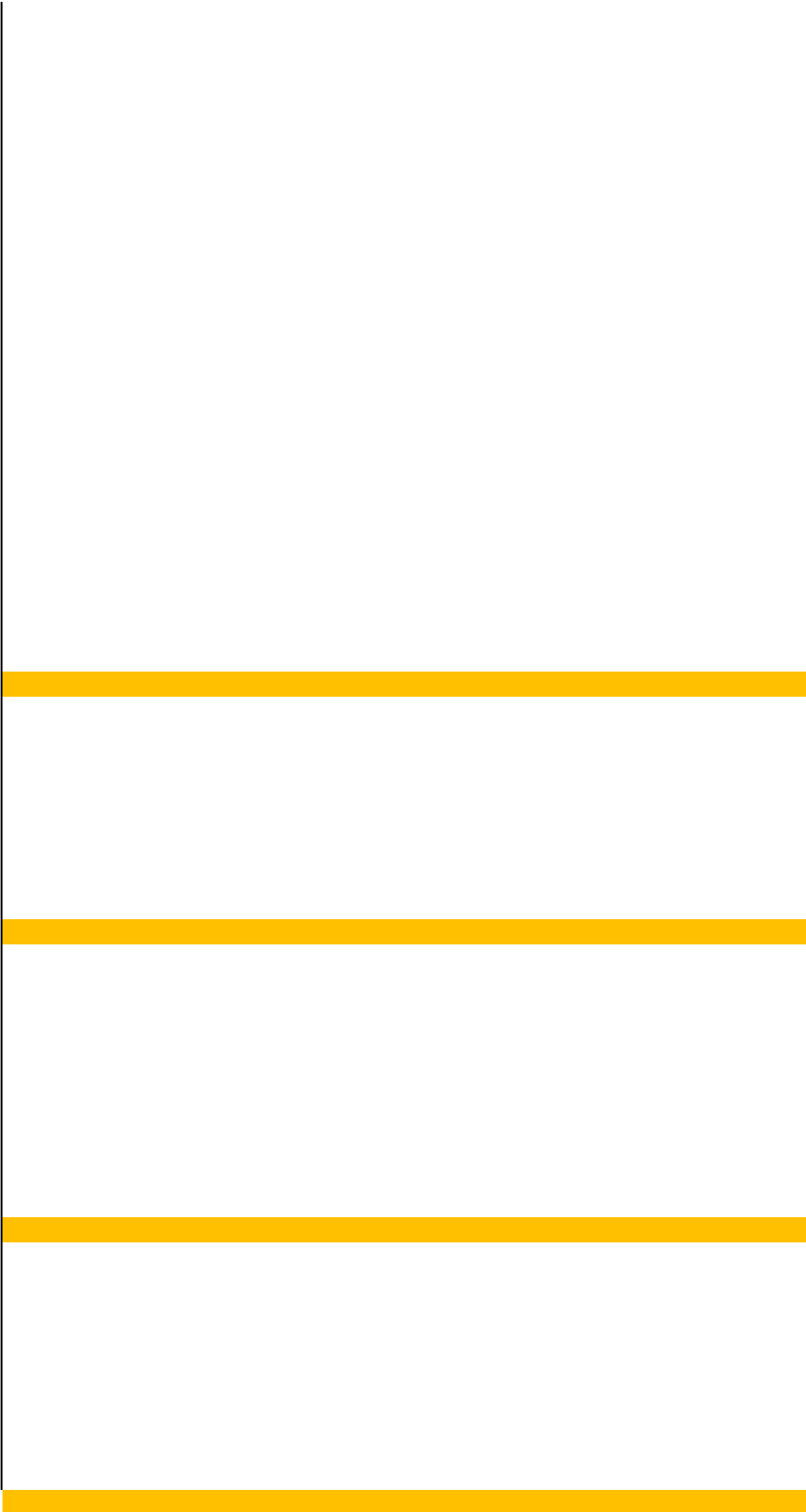
0.09	no longer sampling longer sampling	0.04
0.19	no longer sampling longer sampling	0.07
0.28	no longer sampling longer sampling	0.07
0.14	no longer sampling longer sampling	0.09
<0.05	no longer sampling longer sampling	0.01
0.09	no longer sampling longer sampling	<0.01
0.12	no longer sampling longer sampling	0.08
0.19	no longer sampling longer sampling	<0.01
0.07	no longer sampling longer sampling	0.01
<0.05	no longer sampling longer sampling	0.02
0.16	no longer sampling longer sampling	<0.01
0.19	no longer sampling longer sampling	0.02
0.18	no longer sampling longer sampling	0.04
0.14	no longer sampling longer sampling	<0.01

0.14	no longer sampling longer sampling	<0.01
0.08	no longer sampling longer sampling	0.04
0.11	no longer sampling longer sampling	0.02
0.15	no longer sampling longer sampling	<0.01
0.12	no longer sampling longer sampling	0.02
0.06	no longer sampling longer sampling	0.02
0.06	no longer sampling longer sampling	0.01
0.13	no longer sampling longer sampling	0.02
0.11	no longer sampling longer sampling	<0.01
0.08	no longer sampling longer sampling	0.02
0.17	no longer sampling longer sampling	<0.01
0.23	no longer sampling longer sampling	0.02
0.19	no longer sampling longer sampling	<0.01
0.11	no longer sampling longer sampling	<0.01
0.12	no longer sampling longer sampling	0.01
0.16	no longer sampling longer sampling	0.07
0.28	no longer sampling longer sampling	0.08
0.20	no longer sampling longer sampling	0.10
0.10	no longer sampling longer sampling	0.04
0.22	no longer sampling longer sampling	0.09
0.27	no longer sampling longer sampling	0.24
0.13	no longer sampling longer sampling	0.04
0.21	no longer sampling longer sampling	0.10
0.23	no longer sampling longer sampling	0.13
0.24	no longer sampling longer sampling	0.14
0.07	no longer sampling longer sampling	<0.02
0.14	no longer sampling longer sampling	
0.16	no longer sampling longer sampling	0.01
0.13	no longer sampling longer sampling	<0.01
0.15	no longer sampling longer sampling	<0.01
0.09	no longer sampling longer sampling	0.02
0.05	no longer sampling longer sampling	0.02
0.39	no longer sampling longer sampling	<0.01
0.26	no longer sampling longer sampling	0.03
0.45	no longer sampling longer sampling	0.06
0.23	no longer sampling longer sampling	<0.01
0.22	no longer sampling longer sampling	<0.01
0.17	no longer sampling longer sampling	0.01
0.12	no longer sampling longer sampling	0.06
0.18	no longer sampling longer sampling	0.07
0.15	no longer sampling longer sampling	0.09
0.07	no longer sampling longer sampling	0.04
0.16	no longer sampling longer sampling	0.01
0.23	no longer sampling longer sampling	0.30
0.17	no longer sampling longer sampling	<0.01
0.06	no longer sampling longer sampling	0.02
<0.05	no longer sampling longer sampling	0.03
0.32	no longer sampling longer sampling	<0.01
0.23	no longer sampling longer sampling	0.02
0.29	no longer sampling longer sampling	0.04
0.18	no longer sampling longer sampling	<0.01
0.35	no longer sampling longer sampling	<0.01
1.12	no longer sampling longer sampling	0.04
0.07	no longer sampling longer sampling	0.01
0.11	no longer sampling longer sampling	<0.01
0.08	no longer sampling longer sampling	0.08
0.09	no longer sampling longer sampling	0.03
0.16	no longer sampling longer sampling	<0.01
<0.05	no longer sampling longer sampling	0.02
0.30	no longer sampling longer sampling	0.02
0.15	no longer sampling longer sampling	0.03
0.23	no longer sampling longer sampling	0.01

0.10	no longer sampling	longer sampling	<0.01
0.09	no longer sampling	longer sampling	0.09
0.10	no longer sampling	longer sampling	0.04
<0.05	no longer sampling	longer sampling	0.03
<0.05	no longer sampling	longer sampling	0.03
0.05	no longer sampling	longer sampling	0.02
<0.05	no longer sampling	longer sampling	0.02
0.05	no longer sampling	longer sampling	0.03
<0.05	no longer sampling	longer sampling	0.02
0.19	no longer sampling	longer sampling	<0.01
<0.05	no longer sampling	longer sampling	0.02
0.13	no longer sampling	longer sampling	<0.01
0.10	no longer sampling	longer sampling	<0.01
0.18	no longer sampling	longer sampling	<0.01
0.08	no longer sampling	longer sampling	<0.01
0.14	no longer sampling	longer sampling	<0.01
0.23	no longer sampling	longer sampling	0.24
0.06	no longer sampling	longer sampling	0.02
0.08	no longer sampling	longer sampling	0.05
0.17	no longer sampling	longer sampling	0.19
0.05	no longer sampling	longer sampling	0.02
0.17	no longer sampling	longer sampling	0.12
0.18	no longer sampling	longer sampling	0.17
0.15	no longer sampling	longer sampling	<0.01
<0.05	no longer sampling	longer sampling	0.03
0.20	no longer sampling	longer sampling	0.16
0.20	no longer sampling	longer sampling	0.14
0.37	no longer sampling	longer sampling	0.19
0.07	no longer sampling	longer sampling	0.01
0.10	no longer sampling	longer sampling	0.03
0.04	na	10:20 AM	11:00 AM
0.06	na	8:30 AM	9:30 AM
0.10	na	7:45 AM	8:20 AM
0.02	na	7:45 AM	8:30 AM
0.16	na	8:00 AM	
0.16	na	8:45 AM	9:29 AM
0.06	41	9:25 AM	9:42 AM
0.04	na	9:00 AM	9:30 AM
0.13	1620	9:00 AM	9:59 AM
0.12	1040	8:20 AM	9:59 AM
0.14	1920	7:45 AM	9:59 AM
0.10	31	9:15 AM	9:49 AM
0.12	10		
0.13	na	9:20 AM	9:55 AM
<0.01	na		
0.02	na	8:00 AM	9:00 AM
0.02	na	8:15 AM	9:00 AM
0.16	na	8:15 AM	8:50 AM
0.03	na	7:35 AM	8:08 AM
0.09	na	8:55 AM	
0.08	na	8.55 AM	9:30 AM
0.12	98	9:30 AM	9:48 AM

0.03	na	7:30 AM	8:05 AM
0.13	1020	9:30 AM	10:15 AM
0.16	1170	8:52 AM	10:15 AM
0.16	1470	8:25 AM	10:15 AM
0.17	20	8:55 AM	9:32 AM
0.20	20		
0.10	na	9:10 AM	9:50 AM
0.06	na		
0.08	na	8:30 AM	9:35 AM
0.19	na		
0.03	na	12:35 PM	1:10 PM
0.14	na	7:15 am	
0.06	na	9:15 AM	9:55 AM
0.20	75	8:35 AM	8:55 AM
0.04	na	8:00 AM	8:50 AM
0.13	161	10:10 AM	11:09 AM
0.15	213	8:47 AM	11:09 AM
0.12	173	8:15 AM	11:09 AM
0.07	426	9:20 AM	10:03 AM
0.07	52		
0.02	na	9:58 AM	10:33 AM
<0.01	na		
0.08	na	8:00 AM	9:10 AM
0.09	na	7:40 AM	8:15 AM
<0.01	na	7:50 AM	8:20 AM
0.02	na	7:10 AM	7:40 AM
0.01	na	8:15 AM	9:13 AM
<0.01	na	9:05 AM	9:50 AM
0.06	<10	8:45 AM	9:14 AM
<0.01	na		
0.02	na	7:30 AM	8:05 AM
<0.01	20	9:55 AM	10:46 AM
<0.01	52	8:40 AM	10:46 AM
<0.01	573	8:00 AM	10:46 AM
<0.01	20	9:15 AM	9:53 AM
<0.01	41		

Time Sample Collected	Drop Off Time	Inches of Rainfall in Last 48 Hours	Turbidity	Any conditions to report from the site?	Air Temperature



7:28 AM	8:54 AM	0	62		53.1
8:03 AM	8:54 AM	0	62		54
11:00 AM	11:35 AM	0	54		65.6
7:30 AM	9:52 AM	0	58		57.9
9:30 AM	10:00 AM	0	49		59
7:50 AM	8:20 AM	0.2	57	3 people fishing	45
7:45 AM		0.4	30.5		45
9:00 AM	10:00 AM	0.25	32	Incoming tide	44
9:35 AM	10:05 AM	0.1	30		45
8:55 AM	9:34 AM	0	65		64.5
7:45 AM	12:30 AM	0	60		54.6
7:26 AM	9:00 AM	0.07	62		36.3
8:02 AM	9:00 AM	0.07	62		39.4
10:40 AM	11:20 AM	0.07	45.5	notifying Helen)	63.8
7:30 AM	9:18 AM	0	60		33.2
11:15 AM	11:45 AM	0	28.5	along the bank.	49
8:00 AM	9:00 AM	2	39	out the wetland	42.4
9:20 AM	10:00 AM	1.46	35.5	Barge adjacent.	46.9
12:40 PM	12:55 PM	0.11	35	none	67
9:15 AM	10:10 AM	0.04	65		51.2
9:50 AM	10:10 AM	0.04	65	at sample site .	51.7
10:20 AM	11:05 AM	0	51.5	No	64.2
8:00 AM	9:25 AM	0	60	None	55.2
9:45 AM	10:15 AM	0	26.5	None	53
8:05 AM	8:30 AM	0.25	36	edging material	45.6
8:10 AM	8:45 AM	1			46
8:30 AM		0.34	60		46
9:00 AM	9:40 AM	0.47	60		47.6
9:00 AM	9:17 AM	0.2	20		47
9:00 AM	9:50 AM	0.55	60+	is, mid tide level	45
9:38 AM	10:40 AM	1	30cm		46
9:00 AM		1	30cm		46.2
9:00 AM	9:35 AM	0	65		59
9:25 AM	10:18 AM	0	48	Pollen is high	66.5
9:00 AM	10:00 AM	0	53	No	68.3
9:05 AM		0			52
8:45 AM	9:40 AM	0.04	32		54.3
9:53 AM	10:48 AM	0.52	40	: from shoreline.	62.0 degrees
8:30 AM	9:00 AM	0.5	60+	light SE breeze	50
8:11 AM	8:55 AM	0.27	27cm		53.6
7:50 AM	8:55 AM	0.27	28		48
7:29 AM	8:55 AM	0.27	25		51.8
9:00 AM	9:43 AM	0	65	Surface algae	70.1
9:45 AM	10:40 AM	1.63	33.5	in, water murky	69
8:45 AM	10:40 AM	2.06	44		66.36
12:01 PM	1:40 PM	4	32	None	63
7:45 AM	8:20 AM	0.5	35	banks of marsh	72.4
7:20 AM	7:55 AM	0.3	60+		71
9:30 AM	10:00 AM	0.1	34		75
9:00 AM	9:50 AM	0.15	25		73.9
9:21 AM	9:48 AM	0.17	30(cm)	varm, clear day.	79.8
8:30 AM	9:15 AM	0.2	60+	: at sample time	75
8:00 AM	8:40 AM	0.5	25		73.4
7:40 AM	8:40 AM	0.5	25		66.5
7:20 AM	8:40 AM	0.5	30cm		68.5
9:10 AM	10:02 AM	1.51	65		61.5

9:40 AM	10:30 AM	0.31	30.5	No	83.6
6:30 AM	11:30 AM	0	57	None	61.7
11:30 AM	12:45 PM	0	25.5	None	79
7:30 AM	8:00 AM	0.1	60+		74
7:15 AM		0.2	47		73
8:50 AM	9:35 AM	0.01	30		80.2
8:57 AM	9:21 AM	0	20	conditions to report	77.7
8:08 AM	8:52 AM	0.32	22		74.8
7:48 AM	8:52 AM	0.32	25	use in the water	73.5
7:30 AM	8:52 AM	0.32	22		73.7
8:50 AM	9:32 AM	0	65	Surface algae	69.8
9:25 AM	10:22 AM	2.47	33	in the rain lately?	83.6
7:30 AM	8:40 AM	0	44	trash and debris	84.2
8:15 AM	8:45 AM	0.5	36.5	cloudy, high tide	75
8:23 AM	8:49 AM	1	60+		73
6:35 AM		2.4	20	is 0 for first time	73
9:35 AM	10:15 AM	2.04	37.5		78.4
8:10 AM	9:09 AM	3.3	55	and calm wind	76
8:15 AM	9:17 AM	3	35		77.5
7:50 AM	9:17 AM	3	35		75.2
7:33 AM	9:17 AM	3	35		76.6
9:45 AM	10:35 AM	0.4	22.75	Okay	84.2
8:35 AM	9:10 AM	0	23	High tide	82
7:30 AM		0	24		77
8:00 AM	8:55 AM	0	18.5		80.7
9:16 AM	9:40 AM	0	37cm	men in the water.	87.8
8:30 AM	10:10 AM	0	46" visibility	incoming tide	88
8:20 AM	9:10 AM	0	37		83.3
7:57 AM	9:10 AM	0	39		79.5
7:35 AM	9:10 AM	0	30		84
9:25 AM	10:05 AM	0.3	45		79.3
9:25 AM	10:15 AM	0	19	not much trash	80.6
8:30 AM	9:30 AM	0	31		79.8
9:45 AM	10:15 AM	0	40		84
7:20 AM	7:51 AM	1.1	60+		75
9:50 AM		0	25		83.5
8:25 AM	9:10 AM	2.35	31	debris in water.	77
8:30 AM	9:15 AM	1.5	40 cm	no	76
11:12 AM	11:48 AM	1	35cm		84.2
10:57 AM	11:48 AM	1	40		79.3
10:39 AM	11:48 AM	1	30cm		80.2
9:15 AM	9:50 AM	0	49		78.4
9:25 AM	9:50 AM	0	49		83.3
9:27 AM	10:15 AM	1	53	few trash items	59.5
10:00 AM	10:55 AM	0	41	All Good	72.5
9:00 AM	10:40 AM	0	39	N/A	70
7:15 AM		0	41		50
9:15 AM	9:55 AM	0.09	45		56.6
9:00 AM	9:37 AM	0	20		59
8:30 AM	9:00 AM	0.05	57		53.9
8:32 AM	9:15 AM		22		58.1
7:57 AM	9:15 AM		25		50
7:33 AM	9:15 AM		20		51.9

9:05 AM	9:45 AM	0	45		72.1
9:30 AM	9:45 AM	0	45		75.2
9:16 AM	10:01 AM	0	55.5		56.6
9:25 AM	10:30 AM	0	45	No	64.2
7:30 AM	9:00 AM	0	60		56.3
10:50 AM	11:15 AM	0	60+		49
7:15 AM		0	60		55
9:00 AM	9:35 AM	0	> 63	I was very high.	52.1
9:30 AM	9:49 AM	0	15		50
8:15 AM	8:45 AM	0	60	none	53
9:00 AM	10:00 AM	0	25		57.3
8:05 AM	10:00 AM	0	33		48.2
7:40 AM	10:00 AM	0	37		46.9

10:10 AM	10:36 AM	4	33 cm	it out into creek	45.5
9:16 AM	10:08 AM	0	47	I see the bottom	52.3
8:40 AM	10:05 AM	0	60	en on the water.	50
8:05 AM	8:45 AM	2.6	42	Windy	40
8:05 AM	8:45 AM	2.6	42	Windy	40
8:05 AM	10:10 AM	2.2	21		40
8:50 AM	9:25 AM	1.94	36	Very high water	42
9:34 AM	10:00 AM	2	17		43
9:15 AM	9:45 AM	2.2	60+		44.6
8:55 AM	9:30 AM	2	27		41
8:15 AM	9:30 AM	2	29		39.9
7:40 AM	9:30 AM	2	15		40.4
8:50 AM	9:20 AM	0	65		58.2

0.03	48	No	48.2	50.03	10
0	60		43.3	46.9	12
0.5	44		39	44	17
0.5	60		44	46	29
0.05	38		42	43	10
1.02	40.5	1st outgoing tide	44.9	45.5	14
0	26		40	43	0
0.7	60+	ld gentle breeze	43	46	25
	26		51.8	46.4	5
	25		42	45.5	1
0	20		42.6	46	1
0.03	65		41	45	9

2	50 cm	er and on shore	48.3	50.9	12
0	60	ie floating dock.	39.8	45.5	21
0	21		41	41	0
1	60	oop on the dock	46	52	5
0.5	60+		45	48	21
0.6	50		49	51.3	9
1.42	41.5	ig incoming tide	51.2	51.6	20
0.2	40		46	43	0

1.8	60+ ide and no wind	45	48	21
1	30	48.7	52.5	4
1	32	47.6	52.3	1
1	30	51.6	52.1	0
0	65	43	47	4
2	30 cm ng line removed	43.8	48.2	15 ppt
1.74	25	55.5	54.6	0
0.75	60+	50	49	20
1.25	26	52	54	4
0.37	40	44.7	47.3	17
0	24	44	50	0
0.3	60+ ow tide / breezy	43	47	24
	20	50.5	51.9	5
	21	41.9	50.1	5
	26	41.7	50.3	4
1.45	65	54.6	54.8	5
0	57 starting to show!	62.6	57.7	16
0.02	42 ock Rail Broken	58.4	59.7	1
0	31.5 n the river bank	50	59	0
0	38	53.2	57.3	5
0	60+	48	54	20
0	44	52	56.4	5
0	47	58.1	58.4	20
0	24	56	53	0
0	60+	51	55	20
	22	68.7	60.2	1
	29	52.7	55.5	1
	20	48.9	56.6	1
0.02	65 on lake surface	56.1	59	6

Water Temperature	Salinity	pH (if applies)	Did you pick up any trash at your site? (# of	Lbs. collected	Anything notable about the trash?
----------------------	----------	-----------------	---	----------------	---

47.3	25				
47.1	26				
50	9	6.89	1	2	
50.9	12	7.07	2	15	increased again
53	0	7.3			
48.5	10	7			
47.5	11				
48	27	7.68			
48	0	7.45			
48.2	4				
47.6	7				
49.8	20				
42.4	24				
49.2	14	7.25	1	3	
43.3	14	6.85	1	10	ans overflowing
48	0	7.4	1	8	
48.7	10	7			
50.5	11	7.05			
52	0	7.17	0	0	0
44.6	4				
44.6	4				
58.1	20	7.32	1	5	No
57.3	18	7.19	1	8	ame last month.
57	0	7.5	0	0	N/A
51.2	14	7 in the wetlands			
49					
49.2	7		1		
51	15	7.1			
45	0	7.15			
48.5	20	7.5			
50.3	5				
49.6	0				
57.7	5				
62.4	16	7.09	1	4	No
62.6	15	7.25	1	12	vas overflowing
55.9	11		1		
56.8	26	6.9			
56.6 degrees	27ppt	NA	0	0	NA
54	25	8	0	0	-
57.7	5				
55.2	0				
55.7	0				
62.7	5				
68	5	6.43	1	4	
64.7	2	6.73	1	12	ceptacle is full
64	0	7.3	0	0	N/A
69.8	5	7 used to have a kayak and waders to retrieve trash			
66	1.016	7.99			
70.7	6		2		
72.3	21	6.61			
70.5	21	NA	0	0	NA
68	19	7.76			
71.4	0				
69.8	0				
69.2	0				
64.9	6				

77	10	6.45	1	3	No
72.3	18	7.7			
74	0	7.4	0	0	No
73	20	8.1			
75	9		2		
77	21	6.73			
70.1	24		0	0	NA
75.7	0				
74.8	0				
74.3	0				
71.6	5				
84	0	6.6	2	15	on with the trash
80.2	0	7.49	0	0	as on the water
80.5	5	7.3 plastic bottles			
81	16	7.75			
79.3	0		2		
81.8	5	6.64			
80	20	7.7	0	0	
80.2	0				
79.8	0				
79.7	0				
84	20	6.87	1	5	Just regular
86.5	15	7	Plastic trash in salt marsh grasses		
87	9		2		
86.9	25	7.53			
85.1	20	NA	0	0	NA
84	23	7.7	0	0	
86.1	0				
83.8	0				
83.1					
82.4	5				
82.2	12	6.76	1	3	Just regular
79.1	4	6.59	1	12	
80	0	7.5	0	0	N/A
80	20	7.9			
80.5	7				
82.4	5	7.17			
81.3	20	7.8	0	0	0
83.3	0				
81.5	0				
80.9	0				
80.9	5				
80.2	5				
63.3	25		0.25	<1	
72.1	19	6.7	1	3	Just regular
70	0	7.4	0	0	N/A
65.5	9		2		
63.8	25	6.66			
65	0				
66	24	7.8			
65.6	1				
65.3	1				
64.4	0				

70.5	5			
71.6	5			
52.3	29		1	1
60.6	15	6.72	1	1 Fishing Tackle
57.7	25	7.05	1	3
54	28	8.45		
58.4	20		2	
53.7	31	7.88		
53	0	6.45	0	0
56	26	8.1		
55	5			
52.7	5			
53.4	5			

53.2	6			
53.6	12	6.63	1	3 much trash today
51.4	11	6.61	1	10 ill of dog poop.
53	5	7		
53	5	7		
51.3	9		1	
53.5	15	7.27		
50	0	8.08		
51.2	26	8.1		
54.5	5			
54.8	5			
54.3	1			
50.3	8			



7.42

1

4 much trash today

1

9 pts of dog waste

7

8.7

1

6.95

4.3

0

8.01



1

2

1

7 pts of dog waste

7.3

0

0

N/A

7

8.7

2

7.16

6.53

	1	0.5 shing line, fabric
	3	20
8.75	4	
7.37		
6.45	0	0
8.1		

	1	0.5 mostly plastic
	2	15 waste, styrofoam
7.4	1	5 N/A
7		
8.9		
	2	
7.6		
6.45	0	
8.02		

Sample Name/ Location		GPS Coordinates	Sample Date
January 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	1/16/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	1/16/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	1/16/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	1/15/2018
February 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	2/6/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	2/6/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	2/6/2018
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	2/12/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	2/11/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	2/6/2018
March 2018			
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	3/6/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	3/6/2018
April 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	4/3/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	4/3/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	4/3/2018
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	4/3/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	4/3/2018
May 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	5/1/202018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	5/1/2018
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	5/1/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	5/1/2018

LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	5/14/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	5/13/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	5/14/2018
LRN 09	Atlantic Shores BMP	36.790972, -75.977222	5/14/2018
LRN 10	Red Wing Lake	36.786778, -75.981750	5/14/2018
GNL 02	Pineland Lane	36.877968, -76.049659	5/1/2018
GNL 03	Pineland Lane	36.877552, -76.048458	5/18/2018
June 2018			
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	6/5/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	6/5/2018
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	6/11/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	6/10/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	6/11/2018
LRN 09	Atlantic Shores BMP	36.790972, -75.977222	6/11/2018
LRN 10	Red Wing Lake	36.786778, -75.981750	6/11/2018
LRN 12	Chelsea Channel	36.893892, -76.053283	6/11/2018
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	6/11/2018
GNL 01	Spillway	36.879664, -76.045565	6/5/2018
GNL 02	Pineland Lane	36.877968, -76.049659	6/5/2018
GNL 04	Poplar Point Court	36.877778, -76.045833	6/5/2018
GNL 05	Weir	36.876730, -76.052220	6/5/2018
July 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	7/3/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	7/3/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	7/3/2018

LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	7/3/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	7/3/2018
LRN 11	Back Cove	36.879924, -76.056720	7/3/2018
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	7/9/2018
GNL 01	Spillway	36.879664, -76.045565	7/3/2018
GNL 02	Pineland Lane	36.877968, -76.049659	7/3/2018
GNL 03	Pineland Lane	36.877552, -76.048458	7/3/2018
GNL 05	Weir	36.876730, -76.052220	7/3/2018
August 2018			
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	8/13/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	8/13/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	8/13/2018
LRN 09	Atlantic Shores BMP	36.790972, -75.977222	8/13/2018
LRN 10	Red Wing Lake	36.786778, -75.981750	8/13/2018
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	8/13/2018
GNL 01	Spillway	36.879664, -76.045565	8/7/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	8/7/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	8/7/2018
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	8/7/2018
GNL 02	Pineland Lane	36.877968, -76.049659	8/7/2018
GNL 03	Pineland Lane	36.877552, -76.048458	8/7/2018
September 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	9/4/2018

LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	9/4/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	9/4/2018
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	9/4/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	9/4/2018
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	9/9/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	9/10/2018
LRN 09	Atlantic Shores BMP	36.790972, -75.977222	9/10/2018
LRN 10	Red Wing Lake	36.786778, -75.981750	9/10/2018
LRN 11	Back Cove	36.879924, -76.056720	9/4/2018
LRN 12	Chelsea Channel	36.893892, -76.053283	9/10/2018
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	9/10/2018
GNL 03	Pineland Lane	36.877552, -76.048458	9/4/2018
GNL 04	Poplar Point Court	36.877778, -76.045833	9/4/2018
GNL 05	Weir	36.876730, -76.052220	9/4/2018
October 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	10/2/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	10/2/2018
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	10/2/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	10/2/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	10/8/2018
LRN 09	Atlantic Shores BMP	36.790972, -75.977222	10/8/2018
LRN 10	Red Wing Lake	36.786778, -75.981750	10/8/2018
November 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	11/6/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	11/6/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	11/6/2018
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	11/6/2018

LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	11/6/2018
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	11/12/2018
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	11/12/2018
LRN 11	Back Cove	36.879924, -76.056720	11/6/2018
LRN 12	Chelsea Channel	36.893892, -76.053283	11/12/2018
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	11/12/2018
LRN 15	Lake Joyce	36.909861, -76.117750	11/12/2018
GNL 02	Pineland Lane	36.877968, -76.049659	11/6/2018
GNL 03	Pineland Lane	36.877552, -76.048458	11/6/2018
GNL 05	Weir	36.876730, -76.052220	11/6/2018
December 2018			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	12/4/2018
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	12/4/2018
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	12/4/2018
LRN 04	London Bridge Creek/ Old Moose Lodge	36.84.218, 76.05.746	12/4/2018
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	12/4/2018
LRN 11	Back Cove	36.879924, -76.056720	12/4/2018
LRN 12	Chelsea Channel	36.893892, -76.053283	12/10/2021
GNL 03	Pineland Lane	36.877552, -76.048458	12/4/2018
GNL 04	Poplar Point Court	36.877778, -76.045833	12/4/2018
GNL 05	Weir	36.876730, -76.052220	12/4/2018
January 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	1/8/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	1/8/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	1/8/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	1/8/2019

LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	1/8/2019
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	1/14/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	1/14/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	1/14/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	1/8/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	1/14/2019
LRN 15	Lake Joyce	36.909861, -76.117750	1/14/2019
GNL 02	Pineland Lane	36.877968, -76.049659	1/8/2019
GNL 03	Pineland Lane	36.877552, -76.048458	1/8/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	1/8/2019
GNL 05	Weir	36.876730, -76.052220	1/8/2019
February 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	2/5/201
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	2/5/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	2/5/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	2/5/2019
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	2/11/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	2/10/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	2/11/2019
LRN 11	Back Cove	36.879924, -76.056720	2/5/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	2/11/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	2/5/2019
LRN 15	Lake Joyce	36.909861, -76.117750	2/11/2019
GNL 02	Pineland Lane	36.877968, -76.049659	2/5/2019
GNL 03	Pineland Lane	36.877552, -76.048458	2/5/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	2/5/2019

GNL 05	Weir	36.876730, -76.052220	2/5/2019
	March 2019:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	3/5/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	3/5/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	3/5/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	3/5/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	3/5/2019
LRN 06	Long Creek/ Marina Shores Marina	36.904858, -76.067222	3/11/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	3/11/2019
LRN 11	Back Cove	36.879924, -76.056720	3/5/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	3/11/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	3/11/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	3/11/2019
LRN 15	Lake Joyce	36.909861, -76.117750	3/11/2019
GNL 01	Spillway	36.879664, -76.045565	3/5/2019
GNL 02	Pineland Lane	36.877968, -76.049659	3/5/2019
GNL 03	Pineland Lane	36.877552, -76.048458	3/5/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	3/5/2019
GNL 05	Weir	36.876730, -76.052220	3/5/2019
	APRIL 2019:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	4/2/2019

LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	4/2/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	4/2/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	4/2/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	4/2/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	4/7/2019
LRN 11	Back Cove	36.879924, -76.056720	4/2/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	4/8/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	4/2/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	4/8/2019
LRN 15	Lake Joyce	36.909861, -76.117750	4/8/2019
GNL 01	Spillway	36.879664, -76.045565	4/2/2019
GNL 02	Pineland Lane	36.877968, -76.049659	4/2/2019
GNL 03	Pineland Lane	36.877552, -76.048458	4/2/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	4/2/2019
GNL 05	Weir	36.876730, -76.052220	4/2/2019
BBRF 01	North Bay	36.726333, -75.985944	4/8/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	4/8/2019
BBRF 03	Outfall	36.733278, -75.990861	4/8/2019
BBRF 04	AP Pond	36.733778, -76.005389	4/8/2019
MAY 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	5/7/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	5/7/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	5/7/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	5/7/2019

LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	5/6/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	5/13/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	5/13/2019
LRN 11	Back Cove	36.879924, -76.056720	5/7/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	5/13/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	5/7/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	5/13/2019
LRN 15	Lake Joyce	36.909861, -76.117750	5/13/2019
GNL 01	Spillway	36.879664, -76.045565	5/7/2019
GNL 02	Pineland Lane	36.877968, -76.049659	5/7/2019
GNL 03	Pineland Lane	36.877552, -76.048458	5/7/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	5/7/2019
GNL 05	Weir	36.876730, -76.052220	5/7/2019
BBRF 01	North Bay	36.726333, -75.985944	5/13/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	5/13/2019
BBRF 03	Outfall	36.733278, -75.990861	5/13/2019
BBRF 04	AP Pond	36.733778, -76.005389	5/13/2019
JUNE 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	6/4/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	6/4/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	6/4/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	6/4/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	6/4/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	6/10/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	6/9/2019

LRN 12	Chelsea Channel	36.893892, -76.053283	6/10/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	6/4/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	6/10/2019
LRN 15	Lake Joyce	36.909861, -76.117750	6/10/2019
GNL 01	Spillway	36.879664, -76.045565	6/4/2019
GNL 02	Pineland Lane	36.877968, -76.049659	6/4/2019
GNL 03	Pineland Lane	36.877552, -76.048458	6/4/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	6/4/2019
GNL 05	Weir	36.876730, -76.052220	6/4/2019
BBRF 01	North Bay	36.726333, -75.985944	6/10/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	6/10/2019
BBRF 03	Outfall	36.733278, -75.990861	6/10/2019
BBRF 04	AP Pond	36.733778, -76.005389	6/10/2019
	JULY 2019:		
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	7/2/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	7/2/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	7/2/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	7/2/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	7/2/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	7/8/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	7/8/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	7/8/2019
LRN 11	Back Cove	36.879924, -76.056720	7/2/2019

LRN 12	Chelsea Channel	36.893892, -76.053283	7/8/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	7/2/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	7/8/2019
GNL 01	Spillway	36.879664, -76.045565	7/2/2019
GNL 02	Pineland Lane	36.877968, -76.049659	7/2/2019
GNL 03	Pineland Lane	36.877552, -76.048458	7/2/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	7/2/2019
GNL 05	Weir	36.876730, -76.052220	7/2/2019
BBRF 01	North Bay	36.726333, -75.985944	7/8/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	7/8/2019
BBRF 03	Outfall	36.733278, -75.990861	7/8/2019
BBRF 04	AP Pond	36.733778, -76.005389	7/8/2019
AUGUST 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	8/6/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	8/6/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	8/6/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	8/6/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	8/6/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	8/12/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	8/12/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	8/12/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	8/12/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	8/12/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	8/12/2019
LRN 15	Lake Joyce	36.909861, -76.117750	8/6/2019
GNL 01	Spillway	36.879664, -76.045565	8/6/2019
GNL 02	Pineland Lane	36.877968, -76.049659	8/6/2019
GNL 03	Pineland Lane	36.877552, -76.048458	8/6/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	8/6/2019
GNL 05	Weir	36.876730, -76.052220	8/12/2019
BBRF 01	North Bay	36.726333, -75.985944	8/12/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	8/12/2019
BBRF 03	Outfall	36.733278, -75.990861	8/12/2019
BBRF 04	AP Pond	36.733778, -76.005389	8/12/2019
SEPTEMBER 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	9/3/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	9/3/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	9/3/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	9/3/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	9/3/2019

LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	9/9/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	9/8/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	9/9/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	9/9/2019
LRN 15	Lake Joyce	36.909861, -76.117750	9/9/2019
GNL 01	Spillway	36.879664, -76.045565	9/3/2019
GNL 02	Pineland Lane	36.877968, -76.049659	9/3/2019
GNL 03	Pineland Lane	36.877552, -76.048458	9/3/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	9/3/2019
GNL 05	Weir	36.876730, -76.052220	9/3/2019
BBRF 01	North Bay	36.726333, -75.985944	9/9/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	9/9/2019
BBRF 03	Outfall	36.733278, -75.990861	9/9/2019
BBRF 04	AP Pond	36.733778, -76.005389	9/9/2019
OCTOBER 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	10/1/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	10/1/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	10/1/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	10/1/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	10/1/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	10/21/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	10/20/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	10/21/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	10/1/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	10/21/2019
GNL 01	Spillway	36.879664, -76.045565	10/1/2019
GNL 02	Pineland Lane	36.877968, -76.049659	10/1/2019
GNL 03	Pineland Lane	36.877552, -76.048458	10/1/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	10/1/2019
GNL 05	Weir	36.876730, -76.052220	10/1/2019
BBRF 01	North Bay	36.726333, -75.985944	10/21/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	10/21/2019
BBRF 03	Outfall	36.733278, -75.990861	10/21/2019
BBRF 04	AP Pond	36.733778, -76.005389	10/21/2019
NOVEMBER 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	11/5/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	11/5/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	11/5/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	11/5/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	11/5/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	11/18/2019
LRN 12	Chelsea Channel	36.893892, -76.053283	11/18/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	11/5/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	11/18/2019
LRN 15	Lake Joyce	36.909861, -76.117750	11/18/2019
GNL 01	Spillway	36.879664, -76.045565	11/5/2019

GNL 02	Pineland Lane	36.877968, -76.049659	11/5/2019
GNL 03	Pineland Lane	36.877552, -76.048458	11/5/2019
GNL 05	Weir	36.876730, -76.052220	11/5/2019
BBRF 01	North Bay	36.726333, -75.985944	11/18/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	11/18/2019
BBRF 03	Outfall	36.733278, -75.990861	11/18/2019
BBRF 04	AP Pond	36.733778, -76.005389	11/18/2019
DECEMBER 2019:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	12/3/2019
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	12/3/2019
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	12/3/2019
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	12/3/2019
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	12/3/2019
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	12/9/2019
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	12/8/2019
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	12/9/2019
LRN 13	EB Elizabeth	36.826611, -76.197306	12/3/2019
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	12/9/2019
LRN 15	Lake Joyce	36.909861, -76.117750	12/9/2019
GNL 01	Spillway	36.879664, -76.045565	12/3/2019
GNL 02	Pineland Lane	36.877968, -76.049659	12/3/2019
GNL 03	Pineland Lane	36.877552, -76.048458	12/3/2019
GNL 04	Poplar Point Court	36.877778, -76.045833	12/3/2019
GNL 05	Weir	36.876730, -76.052220	12/3/2019
BBRF 01	North Bay	36.726333, -75.985944	12/9/2019
BBRF 02	Lotus Pond	36.731222, -75.984556	12/9/2019
BBRF 03	Outfall	36.733278, -75.990861	12/9/2019
BBRF 04	AP Pond	36.733778, -76.005389	12/9/2019
JANUARY 2020:			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	1/7/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	1/7/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	1/7/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	1/7/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	1/7/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	1/13/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	1/12/2020
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	1/13/2020
LRN 12	Chelsea Channel	36.893892, -76.053283	1/13/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	1/7/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	1/13/2020
LRN 15	Lake Joyce	36.909861, -76.117750	1/13/2020
GLN 01	Spillway	36.879664, -76.045565	1/7/2020

GLN 02	Pineland Lane	36.877968, -76.049659	1/7/2020
GLN 03	Pineland Lane	36.877552, -76.048458	1/7/2020
GLN 04	Poplar Point Court	36.877778, -76.045833	1/7/2020
GLN 05	Weir	36.876730, -76.052220	1/7/2020
BBRF 01	North Bay	36.726333, -75.985944	1/13/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	1/13/2020
BBRF 03	Outfall	36.733278, -75.990861	1/13/2020
BBRF 04	AP Pond	36.733778, -76.005389	1/13/2020
February 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	2/4/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	2/4/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	2/4/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	2/4/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	2/4/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	2/10/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	2/9/2020
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	2/10/2020
LRN 11	Back Cove	36.879924, -76.056720	No data
LRN 12	Chelsea Channel	36.893892, -76.053283	2/10/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	2/4/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	2/10/2020
LRN 15	Lake Joyce	36.909861, -76.117750	2/10/2020
GLN 01	Spillway	36.879664, -76.045565	2/4/2020
GLN 02	Pineland Lane	36.877968, -76.049659	2/4/2020
GLN 03	Pineland Lane	36.877552, -76.048458	2/4/2020
GLN 05	Weir	36.876730, -76.052220	2/4/2020
BBRF 01	North Bay	36.726333, -75.985944	2/10/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	2/10/2020
BBRF 03	Outfall	36.733278, -75.990861	2/10/2020
BBRF 04	AP Pond	36.733778, -76.005389	2/10/2020
March 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	3/3/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	3/3/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	3/3/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	3/3/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	3/9/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	3/8/2020
LRN 12	Chelsea Channel	36.893892, -76.053283	3/9/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	3/9/2020
LRN 15	Lake Joyce	36.909861, -76.117750	3/9/2020

GLN 01	Spillway	36.879664, -76.045565	3/3/2020
GLN 02	Pineland Lane	36.877968, -76.049659	3/3/2020
GLN 03	Pineland Lane	36.877552, -76.048458	3/3/2020
GLN 04	Poplar Point Court	36.877778, -76.045833	3/3/2020
GLN 05	Weir	36.876730, -76.052220	3/3/2020
BBRF 01	North Bay	36.726333, -75.985944	3/9/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	3/9/2020
BBRF 03	Outfall	36.733278, -75.990861	3/9/2020
BBRF 04	AP Pond	36.733778, -76.005389	3/9/2020
April 2020 No April 2020 data due to COVID-19 res			
LRN 12	Chelsea Channel	36.893892, -76.053283	4/13/2020
May 2020 No May 2020 data due to COVID-19 res			
June 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	6/2/20
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	6/2/20
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	6/2/20
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	6/2/20
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	6/2/20
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	6/1/20
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	6/8/20
LRN 12	Chelsea Channel	36.893892, -76.053283	6/8/20
LRN 13	EB Elizabeth	36.826611, -76.197306	6/2/20
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	6/8/20
LRN 15	Lake Joyce	36.909861, -76.117750	6/8/20
GLN 01	Spillway	36.879664, -76.045565	6/2/20
GLN 02	Pineland Lane	36.877968, -76.049659	6/2/20
GLN 03	Pineland Lane	36.877552, -76.048458	6/2/20
GLN 04	Poplar Point Court	36.877778, -76.045833	6/2/20
GLN 05	Weir	36.876730, -76.052220	6/2/20
BBRF 01	North Bay	36.726333, -75.985944	6/8/20
BBRF 02	Lotus Pond	36.731222, -75.984556	6/8/20
BBRF 03	Outfall	36.733278, -75.990861	6/8/20
BBRF 04	AP Pond	36.733778, -76.005389	6/8/20
July 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	7/7/20
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	7/7/20
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	7/7/20
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	7/7/20
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	7/7/20
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	7/13/20
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	7/13/20
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	7/13/20
LRN 13	EB Elizabeth	36.826611, -76.197306	7/7/20
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	7/13/20
LRN 15	Lake Joyce	36.909861, -76.117750	7/13/20
GNL 02	Pineland Lane	36.877968, -76.049659	7/7/20
GNL 03	Pineland Lane	36.877552, -76.048458	7/7/20
GNL 05 A	Weir	36.876730, -76.052220	7/7/20
GNL 05 B	Weir	36.726333, -75.985944	7/7/20
BBRF 01	North Bay	36.731222, -75.984556	7/13/20
BBRF 02	Lotus Pond	36.733278, -75.990861	7/13/20

BBRF 03 A	Outfall	36.733778, -76.005389	7/13/20
BBRF 03 B	Outfall	36.733278, -75.990861	7/13/20
BBRF 04	AP Pond	36.733778, -76.005389	7/13/20
August 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	8/11/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	8/11/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	8/11/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	8/11/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	8/11/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	8/10/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	8/11/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	8/10/2020
LRN 15	Lake Joyce	36.909861, -76.117750	8/10/2020
LRN 16	Christopher Lake BMP	36.459407, -76.36068	8/10/2020
GLN 01	Spillway	36.879664, -76.045565	8/11/2020
GLN 03	Pineland Lane	36.877552, -76.048458	8/11/2020
GLN 04	Poplar Point Court	36.877778, -76.045833	8/11/2020
GLN 05	Weir	36.876730, -76.052220	8/11/2020
BBRF 01	North Bay	36.726333, -75.985944	8/10/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	8/10/2020
BBRF 03	Outfall	36.733278, -75.990861	8/10/2020
BBRF 04	AP Pond	36.733778, -76.005389	8/10/2020
September 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	9/1/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	9/1/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	9/1/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	9/1/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	9/1/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	9/14/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	9/13/2020
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	9/14/2020
LRN 12	Chelsea Channel	36.893892, -76.053283	9/14/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	9/1/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	9/14/2020
LRN 15	Lake Joyce	36.909861, -76.117750	9/14/2020
LRN 16	Christopher Lake BMP	36.459407, -76.36068	9/14/2020
GLN 01	Spillway	36.879664, -76.045565	9/1/2020
GLN 02	Pineland Lane	36.877968, -76.049659	9/1/2020
GLN 03	Pineland Lane	36.877552, -76.048458	9/1/2020

GLN 04	Poplar Point Court	36.877778, -76.045833	9/1/0020
GLN 05	Weir	36.876730, -76.052220	9/1/2020
BBRF 01	North Bay	36.726333, -75.985944	9/14/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	9/14/2020
BBRF 03	Outfall	36.733278, -75.990861	9/14/2020
BBRF 04	AP Pond	36.733778, -76.005389	9/14/2020
October 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	10/6/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	10/6/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	10/6/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	10/6/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	10/12/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	10/11/2020
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	10/12/2020
LRN 12	Chelsea Channel	36.893892, -76.053283	10/12/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	10/6/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	10/12/2020
LRN 15	Lake Joyce	36.909861, -76.117750	10/12/2020
GLN 01	Spillway	36.879664, -76.045565	10/6/2020
GLN 03	Pineland Lane	36.877552, -76.048458	10/6/2020
GLN 04	Poplar Point Court	36.877778, -76.045833	10/6/2020
GLN 05	Weir	36.876730, -76.052220	10/6/2020
BBRF 01	North Bay	36.726333, -75.985944	10/12/2020
BBRF 02	Lotus Pond	36.731222, -75.984556	10/12/2020
BBRF 03	Outfall	36.733278, -75.990861	10/12/2020
BBRF 04	AP Pond	36.733778, -76.005389	10/12/2020
November 2020			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	11/16/2020
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892322, -76.018429	11/16/2020
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.848000, -76.003250	11/16/2020
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	11/16/2020
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	11/16/2020
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	11/9/2020
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	11/8/2020
LRN 12	Chelsea Channel	36.893892, -76.053283	11/9/2020
LRN 13	EB Elizabeth	36.826611, -76.197306	11/16/2020
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	11/9/2020
LRN 15	Lake Joyce	36.909861, -76.117750	11/9/2020
GLN 01	Spillway	36.879664, -76.045565	11/16/2020
GLN 02	Pineland Lane	36.877968, -76.049659	11/16/2020
GLN 03	Pineland Lane	36.877552, -76.048458	11/16/2020
GLN 04	Poplar Point Court	36.877778, -76.045833	11/16/2020
GLN 05	Weir	36.876730, -76.052220	11/16/2020
BBRF 01	North Bay	36.726333, -75.985944	11/9/2020

BBRF 02	Lotus Pond	36.731222, -75.984556	11/9/2020
BBRF 03	Outfall	36.733278, -75.990861	11/9/2020
BBRF 04	AP Pond	36.733778, -76.005389	11/9/2020
December 2020		No December samples due to lab closer	
January 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	1/5/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	1/5/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323 , -76.003423	1/5/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	1/5/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	1/5/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	1/11/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	1/10/2021
LRN 12	Chelsea Channel	36.893892, -76.053283	1/11/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	1/11/2021
LRN 15	Lake Joyce	36.909858, -76.11774	1/11/2021
GNL 01	Spillway	36.879664, -76.045565	1/5/2021
GNL 02	Pineland Lane	36.877968, -76.049659	1/5/2020
GNL 03	Pineland Lane	36.877552, -76.048458	1/5/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	1/5/2021
GNL 05	Weir	36.876730, -76.052220	1/5/2021
BBRF 01	North Bay	36.726333, -75.985944	1/11/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	1/11/2021
BBRF 03	Outfall	36.733278, -75.990861	1/11/2021
BBRF 04	AP Pond	36.733778, -76.005389	1/11/2021
February 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	2/2/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	2/2/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	2/2/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	2/2/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	2/2/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	2/8/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	2/8/2021
LRN 13	EB Elizabeth	36.826600, -76.197300	2/2/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	2/8/2021
LRN 15	Lake Joyce	36.909858, -76.11774	2/8/2021
GNL 01	Spillway	36.879664, -76.045565	2/2/2021
GNL 02	Pineland Lane	36.877968, -76.049659	2/2/2021
GNL 03	Pineland Lane	36.877552, -76.048458	2/2/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	2/2/2021
GNL 05	Weir	36.876730, -76.052220	2/2/2021
March 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	3/2/2021

LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.857738, -75.983727	3/2/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	3/2/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	3/2/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.80665, -76.08037	3/2/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	3/7/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	3/8/2021
LRN 13	EB Elizabeth	36.826600, -76.197300	3/2/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	3/8/2021
LRN 15	Lake Joyce	36.909858, -76.11774	3/8/2021
GNL 01	Spillway	36.879664, -76.045565	3/2/2021
GNL 02	Pineland Lane	36.877968, -76.049659	3/2/2021
GNL 03	Pineland Lane	36.877552, -76.048458	3/2/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	3/2/2021
GNL 05	Weir	36.876730, -76.052220	3/2/2021
BBRF 01	North Bay	36.726333, -75.985944	3/8/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	3/8/2021
BBRF 03	Outfall	36.733278, -75.990861	3/8/2021
BBRF 04	AP Pond	36.733778, -76.005389	3/8/2021
April 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	4/6/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.78417	4/6/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	4/6/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	4/12/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	4/6/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	4/12/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	4/11/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	4/12/2021
LRN 12	Chelsea Channel	36.893892, -76.053283	4/12/2021
LRN 13	EB Elizabeth	36.826600, -76.197300	4/6/2021

LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	4/12/2021
LRN 15	Lake Joyce	36.909858, -76.11774	4/12/2021
GNL 01	Spillway	36.879664, -76.045565	4/6/2021
GNL 02	Pineland Lane	36.877968, -76.049659	4/6/2021
GNL 03	Pineland Lane	36.877552, -76.048458	4/6/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	4/6/2021
GNL 05	Weir	36.876730, -76.052220	4/6/2021
BBRF 01	North Bay	36.726333, -75.985944	4/12/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	4/12/2021
BBRF 03	Outfall	36.733278, -75.990861	4/12/2021
BBRF 04	AP Pond	36.733778, -76.005389	4/12/2021
May 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.892338, -76.18417	5/10/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	5/10/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	5/4/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	5/4/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	5/4/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	5/10/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	5/9/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	5/4/2021
LRN 12	Chelsea Channel	36.893892, -76.053283	5/10/2021
LRN 13	EB Elizabeth	36.826600, -76.197300	5/4/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	5/10/2021
LRN 15	Lake Joyce	36.909858, -76.11774	5/10/2021
GNL 01	Spillway	36.879664, -76.045565	5/4/2021
GNL 02	Pineland Lane	36.877968, -76.049659	5/5/2021
GNL 03	Pineland Lane	36.877552, -76.048458	5/4/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	5/4/2021
GNL 05	Weir	36.876730, -76.052220	5/4/2021
BBRF 01	North Bay	36.726333, -75.985944	5/10/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	5/10/2021
BBRF 03	Outfall	36.733278, -75.990861	5/10/2021
BBRF 04	AP Pond	36.733778, -76.005389	5/10/2021
June 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	6/1/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	6/1/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	6/1/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	6/1/2021
LRN 05	Long Creek/Marina Shores Marina	36.806639, -76.080361	6/14/2021
LRN 06	Thalia Creek/ Steinhilber's	36.904858, -76.067222	6/14/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	6/14/0021
LRN 13	EB Elizabeth	36.826600, -76.197300	6/7/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	6/14/2021
LRN 15	Lake Joyce	36.909858, -76.11774	6/14/2021
GNL 01	Spillway	36.879664, -76.045565	6/1/2021
GNL 02	Pineland Lane	36.877968, -76.049659	6/1/2021
GNL 03	Pineland Lane	36.877552, -76.048458	6/1/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	6/1/2021

GNL 05	Weir	36.876730, -76.052220	6/1/2021
BBRF 01	North Bay	36.726333, -75.985944	6/14/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	6/14/2021
BBRF 03	Outfall	36.733278, -75.990861	6/14/2021
BBRF 04	AP Pond	36.733778, -76.005389	6/14/2021
July 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	7/7/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.857738, -75.983727	7/7/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	7/7/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	7/7/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	7/7/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	7/12/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	7/12/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	7/12/2021
LRN 13	EB Elizabeth	36.826600, -76.197300	7/6/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	7/12/2021
GNL 01	Spillway	36.879664, -76.045565	7/7/2021
GNL 03	Pineland Lane	36.877552, -76.048458	7/7/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	7/7/2021
GNL 05	Weir	36.876730, -76.052220	7/7/2021
BBRF 01	North Bay	36.726333, -75.985944	7/12/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	7/12/2021
BBRF 03	Outfall	36.733278, -75.990861	7/12/2021
BBRF 04	AP Pond	36.733778, -76.005389	7/12/2021
August 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	8/3/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	8/3/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	8/3/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	8/3/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	8/3/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	8/9/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	8/9/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	8/9/0021
LRN 13	EB Elizabeth	36.8266, -76.1973	8/3/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	8/9/2021
LRN 15	Lake Joyce	36.909858, -76.11774	8/9/2021
GNL 01	Spillway	36.879664, -76.045565	8/3/0021
GNL 02	Pineland Lane	36.877968, -76.049659	8/3/2021
GNL 03	Pineland Lane	36.877552, -76.048458	8/3/0021
GNL 04	Poplar Point Court	36.877778, -76.045833	8/3/2021
GNL 05	Weir	36.876730, -76.052220	8/3/0021
BBRF 01	North Bay	36.726333, -75.985944	8/9/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	8/9/2021
BBRF 03	Outfall	36.733278, -75.990861	8/9/2021
BBRF 04	AP Pond	36.733778, -76.005389	8/9/2021
September 2021			

LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	9/7/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	9/7/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	9/7/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	9/13/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	9/7/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	9/13/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	9/13/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	9/13/1921
LRN 13	EB Elizabeth	36.8266, -76.1973	9/7/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	9/13/2021
LRN 15	Lake Joyce	36.909858, -76.11774	9/13/2021
GNL 01	Spillway	36.879664, -76.045565	9/7/2021
GNL 02	Pineland Lane	36.877968, -76.049659	9/7/2021
GNL 03	Pineland Lane	36.877552, -76.048458	9/7/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	9/7/2021
GNL 05	Weir	36.876730, -76.052220	9/7/2021
BBRF 01	North Bay	36.726333, -75.985944	9/13/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	9/13/2021
BBRF 03	Outfall	36.733278, -75.990861	9/13/2021
BBRF 04	AP Pond	36.733778, -76.005389	9/13/2021
October 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	10/5/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	10/5/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	10/5/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	10/5/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	10/11/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	10/11/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	10/11/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	10/11/1947
LRN 13	EB Elizabeth	36.8266, -76.1973	10/5/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	10/11/2021
LRN 15	Lake Joyce	36.909858, -76.11774	10/11/2021
GNL 01	Spillway	36.879664, -76.045565	10/11/2021
GNL 02	Pineland Lane	36.877968, -76.049659	10/11/2021
GNL 03	Pineland Lane	36.877552, -76.048458	10/11/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	10/5/2021
GNL 05	Weir	36.876730, -76.052220	10/11/2021
BBRF 01	North Bay	36.726333, -75.985944	10/11/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	10/11/2021
BBRF 03	Outfall	36.733278, -75.990861	10/11/2021
BBRF 04	AP Pond	36.733778, -76.005389	10/11/2021
November 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	11/2/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	11/2/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	11/2/2021

LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	11/2/2021
LRN 05	London Bridge Creek/ Old Moose Lodge	36.806639, -76.080361	11/8/2021
LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222	11/8/2021
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244	11/8/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	11/8/0021
LRN 13	EB Elizabeth	36.8266, -76.1973	11/2/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	11/8/2021
LRN 15	Lake Joyce	36.909858, -76.11774	11/8/2021
GNL 01	Spillway	36.879664, -76.045565	11/2/2021
GNL 02	Pineland Lane	36.877968, -76.049659	11/2/2021
GNL 03	Pineland Lane	36.877552, -76.048458	11/2/2021
GNL 05	Weir	36.876730, -76.052220	11/2/2021
BBRF 01	North Bay	36.726333, -75.985944	11/8/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	11/8/2021
BBRF 03	Outfall	36.733278, -75.990861	11/8/2021
BBRF 04	AP Pond	36.733778, -76.005389	11/8/2021
December 2021			
LRN 01	Little Neck Creek/Beach Garden Park	36.857738, -75.983727	12/7/2021
LRN 02	Broad Bay FLSP/ 64th St. Narrows	36.892338, -76.18417	12/7/2021
LRN 03	Great Neck Creek/ Birdneck Kayak Launch	36.849323, -76.003423	12/7/2021
LRN 04	EB Lynnhaven So/ Hutton Circle Launch	36.842194, -76.057472	12/7/2021
LRN 08	Crab Creek/Pleasure House Point	36.901417, -76.097806	12/13/2021
LRN 13	EB Elizabeth	36.8266, -76.1973	12/7/2021
LRN 14	Wolfsnare Creek/Hutton Circle	36.854194, -76.056139	12/13/2021
LRN 15	Lake Joyce	36.909858, -76.11774	12/13/2021
GNL 01	Spillway	36.879664, -76.045565	12/7/2021
GNL 02	Pineland Lane	36.877968, -76.049659	12/7/0021
GNL 03	Pineland Lane	36.877552, -76.048458	12/7/2021
GNL 04	Poplar Point Court	36.877778, -76.045833	12/7/2021
GNL 05	Weir	36.876730, -76.052220	12/7/2021
BBRF 01	North Bay	36.726333, -75.985944	12/13/2021
BBRF 02	Lotus Pond	36.731222, -75.984556	12/13/2021
BBRF 03	Outfall	36.733278, -75.990861	12/13/2021

Sample Time	Drop Off Time	Rainfall amount, in (last 48 hours)	Turbidity	Air Temperature (F)	Water Temperature (F)
8:33 AM		0	>60	34.1	36.3
9:15 AM		0	>60	35.6	36.8
10:50		0	50	35	38
6:30 PM		0	41	34	35.9
8:15 AM		0.354	>60	42.4	37.4
8:55 AM		0.354	>60	46.4	39.9
10:30 AM		0	55	46	45
8:15 AM	8:40 AM	raining	>60	70.7	46.9
4:00 PM	2/12/2018	0.25	43	73	62.6
7:25 AM		0.4	>60	60	50.9
10:45 AM	11:15 AM	0	60	46	47
9:45 AM	10:15 AM	0	20.5	46	
7:40 AM		0	>60	46.5	53.9
8:30 AM		0	>60	47.4	55.2
9:30 AM	10:00 AM	0	40	63	68
7:45 AM	11:00	trace	43	48	58.6
8:30 AM		0.01	20	49	53
7:20 AM	8:50 AM	0	60	55	57.9
8:05 AM	8:50 AM	0	55	57.9	61.1
9:00 AM	11:40 AM	0	52	62	65
8:30 AM	9:45	0	18	57	59

9:20 AM		0	>60	79.7	67.6
8:00 PM		0	38.5	64	77
6:40 AM		0		68.9	
7:00 AM		0	19	67.1	74.1
7:20 AM		0	15.2	71.6	75.5
8:00 AM		0	56	55.5	64.7
7:25 AM		0	60	53.4	64.4
7:00 AM	10:00 AM	0	34	70	78
8:15 AM	9:00 AM	0	18	73	76
8:07	8:34 AM	Rain	>60	75.9	77.9
8:00 PM	6/11/2018	0	28	81	83.3
6:35 AM	10:00 AM	0.82	>60	73.9	77
7:27 AM	8:54	0.57	35	73.9	79.1
7:42 AM	8:54 AM	0.57	29	75.7	82.2
7:53 AM	10:53 AM	0.43	36	73	81.3
9:16 AM	10:37 AM	0.32	36	74.1	82.4
7:15 AM	7:45 AM	1	>60	69.9	73.4
8:15 AM	9:53 AM	0.125	41	75.7	78.9
8:47 AM	9:40 AM	0.02	>60	78.6	79.3
7:10 AM	9:07 AM	0.02	>60	77	79.3

7:25 AM	9:03 AM	0	23.1	80.4	82.7
8:02 AM	9:03 AM	0	26	83.3	86.5
9:45 AM	10:04	0	13	87	90

7:30 AM	9:16 AM	0	31.5	79	88
8:15 AM	9:16 AM	0	12.5	81	82
11:50 AM	12:39 PM	0	26.5	90.3	89.9
10:30 AM	11:15 AM	0	24	79.7	79.5
7:45 AM	8:35 AM	0	41	80.2	80.9
9:15:00 AM	10:00:00 AM	0	44	88.5	89
9:00:00 AM	10:00:00 AM	0	42	85.1	89.4
9:30:00 AM	10:00:00 AM	0	45	89.2	90.1
8:45:00 AM	9:00:00 AM	2	60	71.6	79.1
11:30:00 AM	12:19:00 AM	2		84.5	86
9:30:00 AM	9:45:00 AM	3.8		84	83.3
7:15:00 AM	9:00:00 AM	1.4	20	78.2	81.1
7:28:00 AM	9:00:00 AM	1.4	16.5	75.7	83.8
9:50:00 AM	10:35:00 AM	1.14	22.1	78.4	84.3
7:30:00 AM		0	28	77.3	80.6
9:20:00 AM	10:00:00 AM	0.01	11.3	80	82
8:15:00 AM	9:10:00 AM	0	37	79.5	84
7:35:00 AM	9:10:00 AM	0	33	78.9	83.3
7:30:00 AM	9:00:00 AM	0	46	80	86.5
7:45:00 AM	9:00:00 AM	0	37	78.8	86.3
8:25:00 AM	10:15:00 AM	0	27.1	80.6	83.1

9:06:00 AM	10:15:00 AM	0	25.9	83.3	85.4
7:45:00 AM	9:55:00 AM	0	10	79.7	81.3
7:15 AM	9:55 AM	0	26	76.2	84.7
7:15:00 AM	9:55:00 AM	0	26	76.2	84.7
12:00:00 PM	10:30:00 AM	3	22.5	82	84
6:55:00 AM	10:30:00 AM	0.75	35	74.3	81.5
7:05:00 AM	9:00:00 AM	3.5	27	75.2	79.8
7:22:00 AM	9:00:00 AM	3.5	25	75.9	79.8
7:15:00 AM	10:52:00 AM	0	16.5	75.9	82.7
8:14:00 AM	9:00:00 AM	3.8	39	78.9	82.5
10:30:00 AM	11:35:00 AM	3.09	17.5	81.5	86.9
8:18:00 AM	10:30:00 AM	0	22.5	78.4	85.8
9:00:00 AM	10:15:00 AM	0	36	94.2	85.2
8:45:00 AM	10:30:00 AM	0	17	84.5	86.3
7:35 AM	9:23 AM	0	39	67.4	73.5
8:25 AM	9:23 AM	0	32.3	72.8	76.6
8:15 AM	8:40 AM	0	18	64	84
7:30 AM	11:50 AM	0	25	68.3	74.4
8:15:00 AM	9:45:00 AM	0	46	79.6	79.1
7:00:00 AM	9:00:00 AM	0	26	76.2	79.1
7:18:00 AM	9:00:00 AM	0	12	76.6	79.5
7:35 AM	9:17 AM	0.36	33.6	65.8	63.5
8:17 AM	9:17 AM	0.36	37	67.6	67.6
13:30	14:50	0.36	20.5	82.4	69.6
7:00 AM	12:10	0.2	37	65.1	64.9

6:30 AM	10:00 AM	0.5	7	64	66
8:40:00 AM	9:02:00 AM	0	60	56.3	56.4
9:35:00 AM	10:00:00 AM	0		62.4	57.7
8:00 AM	9:05 AM	1	>60	66	63.8
8:35 AM	10:30 AM	0	45	56.1	57.7
10:25 AM	11:03 AM	0	38	61.3	52.7
9:50:00 AM	11:15:00 AM	0	25.5	56.1	55.2
7:30 AM		0.1	30	66.2	62.6
10:15	10:55 AM	0.25	36	77.5	65.6
10:30 AM	10:55 AM	0.25	41	75.3	64
7:30:00 AM	10:20:00 AM	0	55	45.3	51.4
9:30:00 AM	10:20:00 AM	0	57	45.5	50.7
12:00 PM		0	6	48.7	50.7
7:30:00 AM	9:10:00 AM	0	60	42.3	51.8
8:30:00 AM	9:15:00 AM	0.1	27.5	45	48
10:15:00 AM	10:57:00 AM	0	60	55	52.3
11:46 AM		3.5	34	42.6	47.6
7:30:00 AM	12:30:00 PM	0.2	46	53.6	52.7
12:15:00 PM	1:18:00 PM	0	53	50.5	52.1
7:45:00 AM	12:30:00 AM	0.2	45	47.1	52.3

7:50:00 AM	9:25:00 AM	0.15	60	48.2	50.5
8:25:00 AM	9:25:00 AM	0.15	60	48.9	49.2
11:15:00 AM	12:44:00 AM	0.14	54.15	58.6	51
7:15:00 AM	11:00:00 AM	0.2	60	47	50

8:30:00 AM	9:15:00 AM	0.1	25.625	47	49
9:37:00 AM	9:54:00 AM		60	38	42.4
6:30:00 AM	9:30:00 AM	1.18		37.2	41.9
11:15:00 AM		2.5	34	39.9	43.5
11:25:00 AM	1:30:00 PM	0.625	57	54.3	51.6
9:40:00 AM	10:21:00 AM	1.72	51.5	37	43.3
9:30:00 AM		1.34	40	35.2	41
8:15:00 AM		0.1	60	48.7	49.8
7:30:00 AM	11:00:00 AM	0.125	65	49.1	50.9
9:02:00 AM	9:46:00 AM	0.14	65	49.8	50.1
7:45:00 AM	11:00:00 AM	0.125	65		
7:45:00 AM	9:20:00 AM	0	62	44.7	46.5
8:20:00 AM	9:20:00 AM	0	62	50	43.7
9:30:00 AM	11:30:00 AM	0	45	55	46.5
8:15:00 AM	9:05:00 AM	0	21.5	43	50
9:15:00 AM	9:38:00 AM	0.3	60	41	43.5
4:00:00 PM	10:00:00 AM	0	50	45	47
7:00:00 AM	10:00:00 AM	0.3		39.9	43.3
8:40:00 AM	10:53:00 AM	0	50	46	46.7
12:16:00 PM	1:00:00 AM	0.75	23	41	48.6
7:15:00 AM	12:30:00 PM	0	31	40.1	46.5
9:30:00 AM	10:30:00 AM		30	41	46
7:15:00 AM	9:00:00 AM	0	60	40.3	44.4
7:30:00 AM	9:00:00 AM	0	60	40.2	44.7
9:05:00 AM	9:53:00 AM	0	65	60.8	45.5

7:45:00 AM	9:00:00 AM	0	60	40.4	44.6
8:00:00 AM	9:25:00 AM	0.99	55	36.8	47.3
8:35:00 AM	9:25:00 AM	0.99	60	37	46.1
11:04:00 AM	11:58:00 AM	0.99	24.7	65.1	45.1
7:00:00 AM	11:30:00 AM	0.83	22	35	46
8:15:00 AM	9:00:00 AM	0.6	18.5	34	43
9:15:00 AM	9:37:00 AM	1	60	60.4	49.2
6:40:00 AM	7:00:00 AM	0.24	45	53.2	50.5
10:30:00 AM	12:19:00 AM	1.5	51	37	47.5
11:50:00 AM	12:30:00 PM	0.25	12	67.1	47.8
9:37:00 AM	10:47:00 AM	0.1	33.5	62.4	53.2
8:55:00 AM	9:46:00 AM	0.23	23.5	62.4	56.4
9:10:00 AM	9:44:00 AM	0.5	48	58	51
8:30:00 AM	11:30:00 AM	0.5	53	39.9	44
7:30:00 AM	9:30:00 AM	0.5	57	35.7	45.6
7:45:00 AM	11:30:00 AM	0.5	60	41.5	46.7
8:30:00 AM	9:15:00 AM	0.83	65	38.1	46.5
8:15:00 AM	11:30:00 AM	0.5	60	37	46.4
7:40:00 AM	9:20:00 AM	0	57.5	45.3	54.6

8:20:00 AM	9:20:00 AM	0	60	46	51.6
11:20:00 AM	11:54:00 AM	0	43.2	54.8	55
7:10:00 AM	11:00:00 AM	0	34	43	55
8:15:00 AM	9:48:00 AM	0.5	25.5	45	46
6:00:00 PM	9:00:00 AM	0.5	30	68	58
8:00:00 AM	12:36:00 AM	0.1	30.3	44.6	50.9
8:31:00 AM	10:32:00 AM	0.25	12	65.6	58.6
7:35:00 AM		0.5	28	46.7	54.1
8:20:00 AM	9:20:00 AM	0	24	65.6	64.4
9:15:00 AM	9:55:00 AM	0.02	25	67	58
8:50:00 AM	11:00:00 AM	0.0625	60	45.5	49.1
7:30:00 AM	9:00:00 AM		60	40.8	50.8
7:50:00 AM	11:00:00 AM	0.0625	60	44.7	55.9
8:50:00 AM	9:37:00 AM	0	65	45.3	55.4
8:20:00 AM	11:00:00 AM	0.0625	60	45.1	55
8:32:00 AM	11:53:00 AM	0	18	64.9	61.7
9:09:00 AM	11:53:00 AM	0	47	63.8	63.3
9:43:00 AM	11:53:00 AM	0	49	69.2	60.2
9:28:00 AM	11:53:00 AM	0	30	69.8	62.6
7:30:00 AM	9:10:00 AM	1.31	60	63.3	66
8:15:00 AM	9:10:00 AM	1.31	60	64.7	70.8
11:10:00 AM	11:54:00 AM	1.31	40.75	69.4	75.3
6:30:00 AM	10:35:00 AM	1.74	51	60.6	71.4

4:15:00 PM	9:30:00 AM	0.25	27	68	77
9:18:00 AM	9:33:00 AM	1		67.2	68
6:50:00 AM	7:03:00 AM	1.42	60	60.9	64.7
8:35:00 AM	9:38:00 AM	1	30.75	65.8	70.03
1:01:00 PM	1:32:00 PM	0.5	22	67.1	70.8
7:05:00 AM		0.9	18	63.3	70.7
9:24:00 AM	10:06:00 AM	1.86	32.5	63.5	74.3
9:10:00 AM	9:45:00 AM	1.5	26	59	73
7:40:00 AM	12:00:00 PM	1	60	63.1	66.9
6:45:00 AM	9:30:00 AM	0	60	60.8	72.1
7:00:00 AM	12:00:00 AM	1	52	60.8	73
9:20:00 AM		1.25	65	67.4	73.7
7:20:00 AM	12:00:00 PM	1	45	68	73
9:21:00 AM	11:35:00 AM	0.1	23.2	64.2	73.4
9:43:00 AM	11:35:00 AM	0.1	30.4	66	73.2
10:07:00 AM	11:35:00 AM	0.1	36.4	63.8	71.2
9:58:00 AM	11:35:00 AM	0.1	26.3	64.4	74.8
7:25:00 AM	9:28:00 AM	0.059	33.2	72.5	72.5
8:10:00 AM	9:28:00 AM	0.059	34.65	72.3	76.8
10:30:00 AM	11:02:00 AM	0.059	34.05	69.8	79.1
7:00:00 AM	11:20:00 AM	0	28	60	79.7
10:45:00 AM	11:15:00 AM	0	14.375	73	74
8:15:00 AM	8:40:00 AM		60	80	76.8
5:00:00 PM	9:00:00 AM	2	22	80	77

12:17:00 PM	1:00:00 PM	0	25	79.8	76.2
7:40:00 AM	11:00:00 AM	0.25	18	68.7	78.2
9:15:00 AM	9:45:00 AM	0.15	26.5	86.9	80.9
8:45:00 AM	9:30:00 AM	0.45	27	79	78.8
8:10:00 AM	11:30:00 AM	0.5	39	67.4	70.7
8:30:00 AM	9:30:00 AM	0.2	34	78.6	70.5
7:20:00 AM	11:30:00 AM	0.5	33	66.9	79.5
7:55:00 AM	9:25:00 AM	0.02	58	69.6	79.1
7:50:00 AM	11:30:00 AM	0.5	36	70.7	80.4
9:18:00 AM	11:31:00 AM	0.4	28.75	79.7	80.6
9:41:00 AM	11:31:00 AM	0.4	51.5	81.8	80.6
9:57:00 AM	11:31:00 AM	0.4	43.5	82	80.6
9:50:00 AM	11:31:00 AM	0.4	37	85.6	82.4
7:33:00 AM	9:13:00 AM	0.16	23.15	78.8	79.5
8:13:00 AM	9:13:00 AM	0.16	26	78.6	82
10:39:00 AM	11:30:00 AM	0.16	37.4	94.8	84.3
8:00:00 AM	9:15:00 AM	0	21	74	82
8:30:00 AM	9:15:00 AM	0	20.5	75	79
9:00:00 AM	9:27:00 AM	3	60	87	82.4
9:00:00 AM	10:00:00 AM	1.4	25	78	82.9
9:30:00 AM	10:09:00 AM	0.49	55	85.2	82
8:45:00 AM	9:41:00 AM	0.05	18.5	81.6	82.4

8:42:00 AM	10:30:00 AM	3.5	34	77.7	80.6
7:30:00 AM		0	21	74.4	84
9:11:00 AM	9:58:00 AM	1.41	38.5	81.3	81.3
8:10:00 AM	11:00:00 AM	0.25	23	77.5	78
8:30:00 AM	9:30:00 AM	0	27	77.3	80.4
7:30:00 AM	11:00:00 AM	0.25	22	73.9	84.9
9:12:00 AM	10:03:00 AM	0.18	42	80.9	83.8
7:50:00 AM	11:00:00 AM	0.25	26	82.4	85.4
9:15:00 AM	11:31:00 AM	2.5	19.65	81.6	82.4
9:40:00 AM	11:31:00 AM	2.5	17.65	85.1	83.1
10:05:00 AM	11:31:00 AM	2.5	16.05	85.3	84
9:53:00 AM	11:31:00 AM	2.5	18	82	85.4
7:46:00 AM	10:20:00 AM	0.085	22	76.2	79.1
9:40:00 AM	10:20:00 AM	0.085	23.2	79.1	80.9
10:45:00 AM	11:27:00 AM	0.085	31.2	86.5	89
8:30:00 AM	10:40:00 AM	0.86	28	80	78
8:45:00 AM	9:30:00 AM	1.75	40.5	75	79
8:40:00 AM	9:05:00 AM	0		76.6	80.7
10:05:00 AM	10:32:00 AM	0	21	82	84.5
8:35:00 AM	9:23:00 AM	0	56	82	81.1
12:11:00 PM	1:07:00 PM	0	21	84.2	83.1
7:50:00 AM		0	28.5	74.3	83.1
9:30:00 AM	10:06:00 AM	0	27	77.5	83.3
9:30:00 AM	10:10:00 AM	0	20	80	83
7:30:00 AM	11:30:00 AM	0.5	34.5	73.9	77.9
6:30:00 AM	11:30:00 AM	0.5	14	72.5	82.4
6:00:00 AM	11:30:00 AM	0.5	15.5	73	82.4
8:45:00 AM	9:39:00 AM	0.86	32	78.4	81.6
7:00:00 AM	11:30:00 AM	0.5	17	73.4	82.5
7:18:00 AM	10:00:00 AM	0	35.5	71.7	80.4
7:02:00 AM	10:00:00 AM	0	60	69.9	75.03
6:35:00 AM	10:00:00 AM	0	23.6	68.9	83.06
6:47:00 AM	10:00:00 AM	0	57.5	69	80.4
7:46:00 AM	9:20:00 AM	0	18.5	74.4	78.4
8:20:00 AM	9:20:00 AM	0	39.1	77.7	80.9
10:15:00 AM	11:00:00 AM	0	19.6	90.5	92.1
7:30:00 AM	9:30:00 AM	0	21.5	74	81.3
8:00:00 AM	9:30:00 AM	0	20	78	78.6

9:02:00 AM	9:25:00 AM	1	60	78	78.4
7:00:00 PM		3.525	25	78	81
7:00:00 AM	7:15:00 AM	0	60	75.2	77.9
10:36:00 AM	11:30:00 AM	0.25	40	76.2	78.8
9:00:00 AM	9:50:00 AM	0.35	25	76.7	78.8
7:55:00 AM	10:00:00 AM	0.063	36.5	74.7	78.2
7:30:00 AM	9:30:00 AM	0	17	75	82
7:15:00 AM	10:00:00 AM	0.063	20	71.7	82.4
9:46:00 AM	10:52:00 AM	0.01	34	81.3	82.4
7:35:00 AM	10:00:00 AM	0.063	19	74.3	82
9:17:00 AM	11:05:00 AM	0.1	25	79.1	79.7
9:35:00 AM	11:05:00 AM	0.1	55	80.2	78.9
9:53:00 AM	11:05:00 AM	0.1	28	77.5	78.4
9:46:00 AM	11:05:00 AM	0.1	32.5	83.1	79.5
8:05:00 AM	9:20:00 AM	0	44.6	69.9	73.9
8:45:00 AM	9:20:00 AM	0	36.8	71.7	75.7
10:15:00 AM	11:03:00 AM	0	29.2	74.6	76.6
8:30:00 AM	10:00:00 AM	0	26.5	75.3	76.6
8:45:00 AM	9:30:00 AM	0	28.5	70	78
8:16:00 AM	8:41:00 AM	1	60	63.3	65.4
5:00:00 PM		0.5	34.5	70	67
11:25:00 AM	12:08:00 PM	2.5	48	64.5	66.2
8:10:00 AM	11:30:00 AM	0	30.05	73.4	71.1
9:36:00 AM	10:30:00 AM	1.54	50	59	64.9
8:00:00 AM	9:30:00 AM	0	53	69	72.1
7:00:00 AM	9:30:00 AM	0	18	66.9	77
8:30:00 AM	9:30:00 AM	0	19	71.7	77
8:15:00 AM	8:54:00 AM	0	37	72.6	76.1
9:06:00 AM	9:30:00 AM	0	19	72.8	77.1
9:15:00 AM	11:21:00 AM	1.7	27.5	62.6	63.3
9:38:00 AM	11:21:00 AM	1.7	55	61.7	62.4
10:02:00 AM	11:21:00 AM	1.7	30	60.9	64
9:53:00 AM	11:21:00 AM	1.7	33.75	60.8	63.6
7:20:00 AM	9:03:00 AM	0	50.5	60.8	61.5
8:00:00 AM	9:03:00 AM	0	53	61.8	21
10:00:00 AM	10:50:00 AM	0.06	49.7	66.7	62.7
7:45:00 AM	9:35:00 AM	0.01	60	60	59.9
8:00:00 AM	9:00:00 AM	0	44.5	60	60
8:00:00 AM	8:28:00 AM	1	60	48	51.2
11:05:00 AM	11:45:00 AM	2.5	51	54.6	51.8
8:35:00 AM		0.25	28	65.3	62.6
9:30:00 AM	10:22:00 AM	0.06	60.8	47.6	49.1
9:50:00 AM	10:35:00 AM	0.13	20	46	47
10:30:00 AM	12:00:00 PM	0.125	60	63.5	57.2

11:00:00 AM	12:00:00 PM	0.125	32	62.9	61.5
11:10:00 AM	12:00:00 PM	0.125	31	64	60.8
10:45:00 AM	12:00:00 PM	0.125	39	63.1	61.7
9:15:00 AM	10:50:00 AM	0.25	28.5	48.3	49.2
9:33:00 AM	10:50:00 AM	0.25	Could not sample this location - w		
9:45:00 AM	10:50:00 AM	0.25	35.5		49.1
9:37:00 AM	10:50:00 AM	0.25	42		49.6
7:40:00 AM	9:15:00 AM	0.375	60	42.2	48
8:20:00 AM	9:15:00 AM	0.375	55	42.9	47.6
10:50:00 AM	11:40:00 AM	0.37	52	52.1	49.4
7:15:00 AM	11:15:00 AM	0.18	60	44.2	48
10:45:00 AM	11:15:00 AM	0.35	51.5	46	44
8:47:00 AM	9:07:00 AM	0.5	60	57.2	49.2
11:00:00 AM		0	60	51	46.2
7:15:00 AM	7:30:00 AM	0	60	52.8	50.9
11:25:00 AM	1:00:00 PM	1	49	50.9	50.1
9:30:00 AM	10:25:00 AM	0.28	45.5	57.3	50.9
9:15:00 AM	9:50:00 AM	0.12	32	53	47.6
7:40:00 AM	12:00:00 AM	0.06	22	41.1	46
7:30:00 AM	10:10:00 AM	0.25	33	40.6	48.5
7:00:00 AM	12:00:00 AM	0.06	41	41.9	48.2
8:30:00 AM	9:30:00 AM	0.2	65	43.8	47.6
7:20:00 AM	12:00:00 AM	0.06	44	41.9	48.2
9:27:00 AM	12:01:00 PM	0.3	41.5	55.9	48.5
9:42:00 AM	12:01:00 PM	0.3	60	56.8	50.1
9:58:00 AM	12:01:00 PM	0.3	48.5	56.8	49.8
9:51:00 AM	12:01:00 PM	0.3	50	56.8	51.4
7:43:00 AM	9:20:00 AM	0	60	37.7	50.9
8:20:00 AM	9:20:00 AM	0	60	40.4	48.2
10:07:00 AM	11:08:00 AM	0	53	46.2	51.9
7:00:00 AM	11:30:00 AM	0	60	36	48.3
11:00:00 AM	11:30:00 AM	0	47	56	48
10:06:00 AM	10:29:00 AM	0.5	60	69.9	53.2
1:00:00 PM		0.01	34.5	72	60
7:03:00 AM	7:10:00 AM	0.007	60	66.2	57.2
10:55:00 AM	11:10:00 AM	0.5	50	65	53.7
8:45:00 AM	11:40:00 AM		60	44.4	48.3
9:20:00 AM	10:15:00 AM	0.27	20.5	66.7	60.4
8:45:00 AM	9:20:00 AM	0.14	22	66	55
8:10:00 AM	11:00:00 AM	0	41	39.2	43.7

7:30:00 AM	9:30:00 AM	0.25	41	36.6	57.1
7:30:00 AM	11:00:00 AM	0	38	37	47.8
8:45:00 AM	9:21 am	0	65	46.4	47.3
7:50:00 AM	11:00:00 AM	0	41	39.2	47.6
9:16:00 AM	10:57:00 AM	0.2	46	65.8	59
9:28:00 AM	10:57:00 AM	0.2	60	66	59.5
9:46:00 AM	10:57:00 AM		40.25	67.1	56.1
9:39:00 AM	10:57:00 AM		37.5	67.1	60.6
7:30:00 AM	9:10:00 AM	0	60	58.1	49.4
8:05:00 AM	9:10:00 AM	0	62	58.6	47.2
10:26:00 AM	11:08:00 AM	0	46	64.5	50.7
7:15:00 AM	11:00:00 AM	0	60	57.3	48.9
9:00:00 AM	10:23:00 AM	0	38.5	61	50
9:10:00 AM	9:31:00 AM	0	60	45.6	46.5
4:00:00 PM		0.72	28	51	52
7:10:00 AM	7:20:00 AM	0.03	58	42.2	41.9
No data	No data	No data	No data	No data	No data
3:44:00 PM	10:39:00 AM	0	48	61	50.3
8:00:00 AM		0	40.5	62.7	50.9
9:00:00 AM	9:34:00 AM	0	18	53.6	47.6
9:30:00 AM	10:20:00 AM	0	20	50	48
8:15:00 AM	9:30:00 AM	0.1	49	60.4	50.1
7:30:00 AM	9:30:00 AM	0.1	55	60.2	49.1
8:30:00 AM	9:30:00 AM	0.1	60	60.9	48.2
8:50:00 AM	9:30:00 AM	0.1	55	59.9	48
9:54:00 AM	11:20:00 AM	0	30.5	59	49.2
9:42:00 AM	11:20:00 AM	0	43	53.9	47.6
9:31:00 AM	11:20:00 AM	0	29	49.6	50.7
9:25:00 AM	11:20:00 AM	0	33	56.2	51.9
8:15:00 AM	9:50:00 AM	0	60	58.1	55.4
8:50:00 AM	9:50:00 AM	0	52	63.6	49.6
8:45:00 AM	9:50:00 AM	0	31.1	60	49.1
9:00:00 AM	10:38:00 AM	0	35	56	55
8:45:00 AM	9:10:00 AM	0	60	50.3	48.3
4:30:00 PM		0	33	58	56
2:31:00 PM	3:07:00 PM	0	55	66.3	51.6
9:50:00 AM	10:29:00 AM	0	42	54.1	50.9
8:45:00 AM	9:25:00 AM	0	25	53	49

9:05:00 AM	11:07:00 AM	0	60	57.7	50.9
9:47:00 AM	11:07:00 AM	0	65	68.3	51.8
9:30:00 AM	11:07:00 AM	0	65	68.1	53.2
8:40:00 AM	11:07:00 AM	0	65	63.1	51.4
10:20:00 AM	11:07:00 AM	0	65		70.2
9:43:00 AM	10:59:00 AM	0	19	53.2	49.6
9:32:00 AM	10:59:00 AM	0	15.5	49.1	48.2
9:23:00 AM	10:59:00 AM	0	44	48.7	50
9:14:00 AM	10:59:00 AM	0	45	53.6	51.4
frictions					
1:45:00 PM		0.75	43 storm this morning, I kr		74.3
frictions					
7:20 AM	9:02 AM	0	60	61.7	69.8
8:00 AM	9:02 AM	0	65	69.6	72.5
11:15 AM	11:55 AM	0	32.75	75.3	73.9
7:30 AM	9:15 AM	0	35	59	62
8:15 AM	8:15 AM	0	21.5	63	64
8:48 AM	9:10 AM	1	60	84.2	77.5
9:15 AM	10:00 AM	0.5	23	78	80
8:43 AM	10:30 AM	1	33	72.6	78.4
7:50 AM	10:00 AM	0.02	43	64	
10:35 AM	11:25 AM	0.4	17	77.5	82
9:21 AM	9:59 AM	0.02	25	76	53
8:10 AM	12:00 PM	0	60	62.4	65.9
8:00 AM	9:30 AM	0	46	65.4	73.4
7:30 AM	12:00 PM	0	42	62.2	73.5
8:45 AM	9:30 AM	0	65	69.6	72.5
7:50 AM	12:00 PM	0	32	62.4	73.9
9:11 AM	10:46 AM	0.5	48	78.8	79.5
9:31 AM	10:46 AM	0.5	54	83.6	76.1
9:38 AM	10:46 AM	0.5	27	79.6	80.6
9:45 AM	10:46 AM	0.5	40.5	76.1	77.9
7:15 AM	9:00 AM	0	16	78.8	80.6
7:50 AM	9:00 AM	0	24	81.9	85.2
10:15 AM	11:30 AM	0	26.5	90.5	87.6
8:00 AM	9:30 AM	0	28.5	81	85
8:30 AM	9:30 AM	0	40	81	82
8:45 AM	9:32 AM	0	55	80.4	69.8
9:00 AM	9:30 AM	0	18.5	80	
8:45 AM	9:23 AM	0	50	80	
8:35 AM	10:36 AM	0	27	82.9	87.2
10:30 AM	11:05 AM	0	17	86.3	86
9:20 AM	9:50 AM	0	33	81	85
8:00 AM	12:00 PM	0	27	79.7	85.2
7:00 AM	11:30 AM	0	30	78.8	85.6
7:20 AM	11:30 AM	0	31	78.6	85.6
7:40 AM	11:30 AM	0	36	78.4	81.1
9:25 AM	10:44 AM	0	30.5		86.3
9:41 AM	10:44 AM	0	30		

9:51 AM	10:44 AM	0	42.5		
9:57 AM	10:44 AM	0	50		
9:51 AM	10:44 AM	0	42.5		86.9
7:25:00 AM	9:15:00 AM	0.02	24	77.5	80
8:10:00 AM	9:15:00 AM	0	31.5	79	79
10:30:00 AM	11:18:00 AM	0.02	19	86.1	86
7:30:00 AM	9:33:00 AM	0.08	31	76	74
8:30:00 AM	9:45:00 AM	4	24	82	80
8:50:00 AM	9:13:00 AM		27	80	
8:00:00 AM	8:00:00 AM	0	24	79.5	83.3
8:25:00 AM	9:10:00 AM	0	21	80.7	82.4
10:00:00 AM		0	27	83	84.2
8:40:00 AM	11:00:00 AM	0.08	28.5	80.9	83.6
7:40:00 AM	12:00:00 PM		26	79.1	79.8
7:00:00 AM	12:00:00 PM	0.25	27.5	77.5	84.2
9:15:00 AM	10:02:00 AM	0.08	35	81.3	84.3
7:20:00 AM	12:00:00 PM	0.25	20.5	78.6	84.2
9:16:00 AM	10:57:00 AM	4	33	85.4	84.3
9:31:00 AM	10:57:00 AM	4	48.5	88.1	82.4
9:45:00 AM	10:57:00 AM	4	46.5	83.4	82.7
9:39:00 AM	10:57:00 AM	4	42.5	86.7	84.2
7:26:00 AM	9:03:00 AM	0	28.5	78.6	80.7
8:02:00 AM	9:03:00 AM	0	27.5	79.5	80.1
10:35:00 AM	11:25:00 AM	0	35.4	90.6	84.7
8:00:00 AM	9:11:00 AM	0.01	20	77	81.6
8:30:00 AM	9:30:00 AM	0	41	80	78
8:20:00 AM	8:45:00 AM		60	78	76
4:30:00 PM	9:00:00 AM	0	23.5	81	80
8:15:00 AM	8:43:00 AM	0	60	80.6	78.6
11:39:00 AM	12:14:00 PM	0	45	78	79.3
7:30:00 AM		0	18	79.5	82.5
8:45:00 AM	9:25:00 AM	0	21.5	79.1	78.4
9:45:00 AM	10:20:00 AM	0	20	82	78
9:45:00 AM	10:45:00 AM	0	36	76	79
7:40:00 AM	12:00:00 PM	0	60	77.5	77.7
8:00:00 AM	11:00:00 AM	0	20	77.5	81.8
7:00:00 AM	12:00:00 PM	0	23	77.5	82

8:45:00 AM	9:28:00 AM	0	38	78.4	81.3
7:20:00 AM	12:00:00 PM	0	21	77.1	82
9:17:00 AM	12:00:00 PM	0	20.5	81.6	78.6
9:31:00 AM	12:00:00 PM	0	60	82.9	78.4
9:48:00 AM	12:00:00 PM	0	36.5	81.6	79.4
9:40:00 AM	12:00:00 PM	0	34	84.5	81.5
7:30:00 AM	9:15:00 AM	0	56	63.5	53.6
8:04:00 AM	9:15:00 AM	0	60	56.9	66.9
10:04:00 AM	11:29:00 AM	0	44	78.9	70.3
7:30:00 AM	9:15:00 AM	0	60	55.9	66.3
8:20:00 AM	8:46:00 AM	1	60	74.2	69.4
4:00:00 PM	9:00:00 AM	1.5	37.5	72	71.2
8:35:00 AM	8:53:00 AM	0.32	60	74.3	70.3
10:55:00 AM	11:50:00 AM	3.5	40	77.3	69.9
7:20:00 AM		0	26	53	80.6
10:20:00 AM	11:00:00 AM	0.96	45	76.6	71.6
9:40:00 AM	10:10:00 AM	1	35	74	69
8:10:00 AM	11:30:00 AM	0	60	59.6	62.2
7:30:00 AM	11:30:00 AM	0	34	54.3	67.1
9:15:00 AM	10:05:00 AM	0.07	58	67.4	67.4
7:50:00 AM	11:30:00 AM	0	34	57	66.7
9:14:00 AM	10:35:00 AM	0.5	24	73.9	70.5
9:29:00 AM	10:35:00 AM	0.5	60	75.2	73.9
9:40:00 AM	10:35:00 AM	0.5	40	74.3	71.6
9:34:00 AM	10:35:00 AM	0.5	44.5	75.7	73
7:05:00 AM	9:00:00 AM	0	60	53.8	60.9
7:45:00 AM	9:00:00 AM	0	52	55.6	57.3
10:05:00 AM	10:55:00 AM	0	47	59.9	62.7
6:30:00 AM	8:40:00 AM	0	46	53.6	59.5
9:30:00 AM	10:30:00 AM	0	28.5	57	58
8:05:00 AM	8:26:00 AM	0	60	64	60
3:50:00 PM		0	26.5	70	68
7:55:00 AM	10:24:00 AM	0	40	57.7	63.8
8:50:00 AM		0	34	57	61
8:45:00 AM	9:18:00 AM	0	37	69.6	63.8
9:15:00 AM	9:40:00 AM	0	30	62.4	59.5
8:20:00 AM	11:30:00 AM	0	60	56.4	58.1
8:00:00 AM		0	35	50.6	61.1
7:30:00 AM	11:30:00 AM	0	41	57.5	61.5
9:15:00 AM	9:59:00 AM	0	65	63.5	61.8
7:50:00 AM	11:30:00 AM	0	46	56.4	61.7
9:07:00 AM	11:40:00 AM	0	33.5	70.5	66

9:31:00 AM	11:40:00 AM	0	60	77.7	64.2
9:47:00 AM	11:40:00 AM	0	9	70.7	61.7
9:37:00 AM	11:40:00 AM	0	52	73.9	64.4

7:20:00 AM	9:00:00 AM	0.83	62	38.8	46.7
8:00:00 AM	9:00:00 AM	0.83	62	39.4	47.1
10:46:00 AM	11:36:00 AM	0.83	36.11	50.3	45.3
9:00:00 AM	10:00:00 AM	0.23	40	48.5	42.8
8:30:00 AM	10:00:00 AM	0.23	34	47.4	41.1
8:07:00 AM	8:30:00 AM	0	60	40.2	43.1
4:00:00 PM	9:00:00 AM	0.5	46	45	44
8:34:00 AM	2:27:00 PM	0	49	44.1	45.3
8:45:00 AM	9:44:00 AM	0	36	38.4	41.1
8:40:00 AM	9:12:00 AM	0	56	37	40
7:40:00 AM	11:30:00 AM	0.25	60	37.4	46.9
8:45:00 AM	12:00:00 AM	0	56	41.5	46.5
7:00:00 AM	11:30:00 AM	0.25	60	38.3	47.7
9:20:00 AM	10:22:00 AM	0.95	65	46.4	47.6
7:20:00 AM	11:30:00 AM	0.25	60	39.9	47.1
9:16:00 AM	12:53:00 PM	0	41	41.7	41.5
9:28:00 AM	12:53:00 PM	0	47	39.9	41.5
9:48:00 AM	12:53:00 PM	0	55	40.4	43.8
9:40:00 AM	12:53:00 PM	0	56	39.3	44.6

--	--	--	--	--	--

7:15:00 AM	8:45:00 AM	0.7	62	36	38.8
7:50:00 AM	8:45:00 AM	0.7	62	35.8	39.2
10:15:00 AM	10:45:00 AM	0.7	44.55	37.4	39
8:20:00 AM	8:57:00 AM	0.9	60	33.8	39.2

10:00:00 AM	10:45:00 AM	0.51	33.5	37	38
8:15:00 AM	8:38:00 AM	0.5	60	40.4	39.5
9:00:00 AM	10:15:00 AM	0.48	42.5	36	40
11:10:00 AM			31	37	41
9:15:00 AM	9:55:00 AM	0.069	38	38.8	42.6
8:45:00 AM	9:25:00 AM	0.2	43	35	40
8:40:00 AM	11:00:00 AM	0.25	60	34.5	39.2
7:30:00 AM	10:40:00 AM	0.5	60	34.2	38.4
8:00:00 AM	11:00:00 AM	0.25	60	35.9	39.2
9:40:00 AM	10:29:00 AM	0.62	65	34.8	38.6
8:20:00 AM	11:00:00 AM	0.25	60	35.6	39.2

7:51:00 AM	9:00:00 AM	0.07	56		42.4

7:51:00 AM	9:00:00 AM	0.07	60	40.5	
10:20:00 AM	11:15:00 AM	0.07	38.5	48.7	49.6
7:30:00 AM	9:15:00 AM	0.02	42	36.3	53.4
9:30:00 AM	10:30:00 AM	0.01	30.5	41	43
4:00:00 PM		0	35	45	49
9:00:00 AM	10:10:00 AM	0	42.5	42	42
9:30:00 AM			35.5	42	42
8:30:00 AM	8:55:00 AM	0	36.5	41.3	44.2
8:55:00 AM	9:30:00 AM	0	48	46	48
8:40:00 AM	11:00:00 AM	0.25	60	42	49.6
7:30:00 AM		0.25	25	39.5	50.4
8:00:00 AM	11:00:00 AM	0.25	49	43.5	51.2
9:50:00 AM	10:22:00 AM	0.07	65	50.9	52.5
8:20:00 AM	11:00:00 AM	0.25	29	42.8	51.4
9:13:00 AM	10:55:00 AM	0	14.5	50.9	46.4
9:31:00 AM	10:55:00 AM	0	25	46.5	47.3
9:52:00 AM	10:55:00 AM	0	19	47.6	48.7
9:39:00 AM	10:55:00 AM	0	21	51	50.9
7:14:00 AM	8:54:00 AM	0	60	55	60.6
7:52:00 AM	8:54:00 AM	0	62	56.8	57.2
9:47:00 AM	10:34:00 AM	0	52	68.3	62
7:15:00 AM	8:30:00 AM	0.56	37	60.9	69.8
8:15:00 AM	9:00:00 AM	0	22.5	67	60
7:35:00 AM	8:05:00 AM	3	60		
12:00:00 PM		0.25	34	74	71.2
9:10:00 AM	10:00:00 AM	0.29	57	59	37
2:57:00 PM	3:26:00 PM	0.25	45	63	57
7:10:00 AM	11:20:00 AM	0	44.5	54	54.5

8:45:00 AM	9:17:00 AM	0.78	30.5	63.6	69.2
9:30:00 AM	10:05:00 AM	0.3	48	61	69
8:30:00 AM	11:45:00 AM	0	55	60.8	58.6
7:30:00 AM	11:45:00 AM	0	47	59.7	47
8:00:00 AM	11:45:00 AM	0	55	60	60.6
9:36:00 AM	10:15:00 AM	0	65	66	61.6
9:00:00 AM	11:45:00 AM	0	60	73	63
9:10:00 AM	10:45:00 AM	1.5	18	70.7	68.7
9:24:00 AM	10:45:00 AM	1.5	34	70.1	69
9:44:00 AM	10:45:00 AM	1.5	42	70	66.3
9:35:00 AM	10:45:00 AM	1.5	43.5	70.1	69.2
6:30:00 AM	8:45:00 AM	0	54	69.4	66.9
7:35:00 AM	8:45:00 AM	0	62	70	62.4
10:24:00 AM	11:20:00 AM	0.25	25.5	85.2	76.6
9:15:00 AM	10:57:00 AM	0.25	39	75.2	71.2
10:15:00 AM	10:57:00 AM	0.25		78	74
8:00:00 AM	8:25:00 AM	0	60	70	62
2:30:00 PM		0.125	14	72	62
8:30:00 AM	9:30:00 AM	0.11	56	72	57
11:28:00 AM	12:01:00 AM	0.25	55	69.6	68.3
7:20:00 AM		0.2	25	69	64
8:00:00 AM	9:25:00 AM	0	17	70.7	69
8:40:00 AM	8:55:00 AM	0	35	69	67
8:20:00 AM	11:30:00 AM	0.125	42	72.1	70.8
7:15:00 AM	11:30:00 AM	0.25	50	70.1	71.2
7:30:00 AM	11:30:00 AM	0.125	69	70.3	70.7
8:38:00 AM	9:29:00 AM	0.25	65	75.7	71.7
7:50:00 AM	11:30:00 AM		0.125	71	70.7
9:24:00 AM	10:59:00 AM	0	26.5	70.1	66.9
9:39:00 AM	10:59:00 AM	0	32.5	68.5	69.2
9:49:00 AM	10:59:00 AM	0	39.5	67.4	66.3
9:45:00 AM	10:59:00 AM	0	33	67.6	69.6
7:15:00 AM	8:50:00 AM	1.18	62	60.1	68.7
7:46:00 AM	8:50:00 AM	1.18	62	63.1	69.6
11:10:00 AM	11:55:00 AM	1.18	18.5	88.7	83.8
11:15:00 AM	12:11:00 PM	0	43	72.6	71.6
7:30:00 AM	7:52:00 AM	0	60	73	68
6:30:00 AM	9:00:00 AM	1.33	30	70	77
8:02:00 AM	8:45:00 AM	0.04	58	73	71
8:05:00 AM	11:00:00 AM	0	30.5	78	75
10:30:00 AM	11:15:00 AM	0.04	30	82.4	80
9:25:00 AM	9:50:00 AM	0.19	36	78	77
7:10:00 AM	11:00:00 AM	0.5	50	60.9	65.6
7:00:00 AM	11:30:00 AM	0.5	53	58.4	70.3
6:30:00 AM	11:00:00 AM	0.5	60	58.6	71
8:25:00 AM	9:05:00 AM	0.07	65	67.2	70.8

6:50:00 AM	11:00:00 AM	0.5	60	60.9	71
9:28:00 AM	11:46:00 AM	0	30.5	78.6	77.9
9:54:00 AM	11:46:00 AM	0	60	82.9	79.1
10:16:00 AM	11:46:00 AM	0	38	79.5	77.7
10:06:00 AM	11:46:00 AM	0	30.5	80.2	80.2

7:05:00 AM	9:01:00 AM	0	56	75.2	80.2
7:32:00 AM	9:01:00 AM	0	60	76.3	78.8

10:05:00 AM	11:25:00 AM	0	30	83.4	83.6
-------------	-------------	---	----	------	------

8:45:00 AM	9:30:00 AM	0	27.5	78	78
------------	------------	---	------	----	----

8:15:00 AM	9:30:00 AM	0	17	77	79
7:55:00 AM	8:17:00 AM	0.02	60	79	

9:00:00 AM	9:32:00 AM	0.5	25	81	82
8:28:00 AM	9:15:00 AM	0.01	57	82	71
8:05:00 AM		0	26	77	77
7:45:00 AM	9:20:00 AM	0	16	77.9	84.3
8:10:00 AM	11:30:00 AM	0	47	77.9	83
7:30:00 AM	11:30:00 AM	0	49	77.9	83.3
8:10:00 AM	9:00:00 AM	0	65	75.7	83.1
7:50:00 AM	11:30:00 AM	0	48	77.9	84
8:26:00 AM	9:54:00 AM	0	22.5	84	82
8:40:00 AM	9:54:00 AM	0	15	84	81.5
8:55:00 AM	9:54:00 AM	0	20.5	82	80.7
8:48:00 AM	9:54:00 AM	0	25.5	79.5	81.3

7:11:00 AM	8:48:00 AM	0.7	58	74.8	83.1
7:40:00 AM	8:48:00 AM	0.7	60	75	80.7
10:38:00 AM	11:26:00 AM	0.71	32	79.9	83.6
8:45:00 AM	9:50:00 AM	0.49	38	74.4	81.3
11:15:00 AM	12:00:00 PM	0.01	33	75	70
7:40:00 AM	8:00:00 AM	1	60	69	78

8:45:00 AM	9:20:00 AM	1.5	23	79	78
8:18:00 AM	9:15:00 AM	0.01	58	73	76
7:42:00 AM		0.75		75	81
9:00:00 AM	9:33:00 AM	0.75	19	76.6	78.9
9:00:00 AM	9:28:00 AM	0	39	75	79
8:00:00 AM	10:00:00 AM	0.5	45	73	75.5
7:35:00 AM	10:00:00 AM	0.5	33	75.5	81.5
8:30:00 AM	10:00:00 AM	0.5	0	75	81.6
8:45:00 AM	9:42:00 AM	0.65	45	73.9	81.6
9:00:00 AM	10:00:00 AM	0.5	12	74.4	81.1
9:45:00 AM	11:50:00 AM	1.5	29.5	79.8	80.6
9:58:00 AM	11:50:00 AM	1.5	60	77.9	79.8
10:11:00 AM	11:50:00 AM	1.5	43.5	78.9	78
10:06:00 AM	11:50:00 AM	1.5	55	79.5	79.5

7:11:00 AM	8:40:00 AM		54	66.3	75.7
7:46:00 AM	8:40:00 AM	0	60	68.9	77
10:05:00 AM	10:52:00 AM	0	22.5	82.4	80
7:45:00 AM	8:45:00 AM	0	26	70.3	74.8
9:40:00 AM	10:30:00 AM	0.01	28	74	72
8:35:00 AM	9:00:00 AM	0	15		
8:00:00 AM	9:00:00 AM	0	22.5	69.3	75.7
8:45:00 AM	9:15:00 AM	0	55	74	75
7:04:00 AM		0	18	67	76.9
8:50:00 AM	9:30:00 AM	0	14.5	74.8	75.3
9:00:00 AM	9:20:00 AM	0	21	74	76
8:00:00 AM	11:30:00 AM	0	38	70	72.8
7:30:00 AM		0	15	66.2	76.6
7:00:00 AM	11:30:00 AM	0	20	66.2	77.1
8:50:00 AM	9:20:00 AM	0	25	75	77.3
7:30:00 AM	11:30:00 AM	0	16	66.9	77.3
9:23:00 AM	10:43:00 AM	0	35	77.5	75
9:42:00 AM	10:43:00 AM	0	60	78.4	72.5
9:53:00 AM	10:43:00 AM	0	46	79.1	75.7
9:47:00 AM	10:43:00 AM	0	36.75	79.1	78
7:00:00 AM	8:40:00 AM	0	60	69.8	74.3
7:45:00 AM	8:40:00 AM	0	62	70.3	73.9
9:05:00 AM	10:40:00 AM	0	26.25	80.7	75.2
7:30:00 AM	10:35:00 AM	0	29	71.6	74.8
10:00:00 AM	11:00:00 AM	0.01	38	67	70
9:25:00 AM	9:47:00 AM	0.5	60	67	
8:00:00 AM	9:00:00 AM	0.5	48	67.3	72.5
8:25:00 AM	9:15:00 AM	0.5	55	66	73
9:00:00 AM		0	28.5	75	74.3
9:00:00 AM	9:40:00 AM	0.12	52	68.1	71.6
9:15:00 AM	9:47:00 AM	0.01	39	66	71
8:40:00 AM	12:00:00 PM	0.125	42	66.5	70.8
7:00:00 AM	11:24:00 AM	0.1	21	66.7	72.1
8:00:00 AM	12:00:00 PM	0.125	25	67.4	73
9:10:00 AM	9:54:00 AM	0	40	78	74.4
8:20:00 AM	12:00:00 PM	0.125	29	68.1	73
9:23:00 AM	11:27:00 AM	0.5	47	68	70.2
9:44:00 AM	11:27:00 AM	0.5			
9:59:00 AM	11:27:00 AM	0.5	74	67	70.3
9:48:00 AM	11:27:00 AM	0.5	43.5	67	73
7:25:00 AM	9:00:00 AM	0	60	54.5	64.7
7:51:00 AM	9:00:00 AM	0	62	54.7	63.6
10:30:00 AM	11:20:00 AM	0	36.5	70.7	66.3

8:30:00 AM	10:25:00 AM	0	55	63.6	63.3
------------	-------------	---	----	------	------

10:30:00 AM	11:30:00 AM	0.01	51	62	55
8:55:00 AM	9:14:00 AM	0		51	

8:15:00 AM	8:40:00 AM	1	55	54.3	53.7
------------	------------	---	----	------	------

8:12:00 AM	8:50:00 AM	0	30	54	62
8:10:00 AM		0	45	57	64
9:00:00 AM	9:30:00 AM	0.03	61	56.3	51.8
9:00:00 AM	9:23:00 AM	0.01	25	53	51
8:10:00 AM	11:00:00 AM	0	52	51.9	59
7:15:00 AM	8:30:00 AM	0	30	51.4	62.2
7:30:00 AM	11:00:00 AM	0	33	51.8	62.6
7:50:00 AM	11:00:00 AM	0	35	57.3	62.6

8:00:00 AM

8:15:00 AM

9:08:00 AM	10:17:00 AM	0.875	30	54.8	56.1
8:53:00 AM	10:17:00 AM	0.875	20	54	56.3

7:17:00 AM	8:50:00 AM	0	62	44.2	49.4
7:50:00 AM	8:50:00 AM	0	62	4402	50
11:25:00 AM	12:14:00 AM	0	56	47.1	51
7:30:00 AM	9:20:00 AM	0	60	45.8	51.6
8:46:00 AM	9:35:00 AM	0.53	55	36	53
9:40:00 AM		0	18	47	49.4
10:40:00 AM	11:15:00 AM	0.42	30.5	52.3	51.8
9:24:00 AM	9:48:00 AM	0.05	50	46	45
8:40:00 AM	11:00:00 AM	0	24	45.6	51.4
8:00:00 AM	10:45:00 AM		40	43.5	50.3
8:00:00 AM	11:00:00 AM	0	47	44.6	50.9
9:15:00 AM	9:58:00 AM	0	55	49.1	51.9
8:20:00 AM	11:00:00 AM	0	48	44.9	50.5
9:21:00 AM	12:07:00 PM	0.5	34.5	59	48.3
9:39:00 AM	12:07:00 AM	0.5	52	35.7	42.3
9:53:00 AM	12:07:00 PM	0.5	52.5	53.9	46.4

Salinity (ppt)	pH	Notes on site (i.e., dead fish seen onsite)	# Bags of Trash removed	Estimated pounds trash
28		great deal of debris has accumulated in the marsh		
33		Site very clean. 1 osprey nest scrubbed by the storm.		
0				
15		branches		
14				
30				
0		Couple of water bottles. Fast food plastic cups.	1	2
19.9				
16		Low tide, windy, oyster shells along bank and on pier		
		It looks like most of the vegetation site has been removed or are excessively active bridge construction site across creek.		
15		Very high tide. Dead raccoon in road. Windy with dead animal smell. No trash.		
2		Tide was very high; a lot of trash visible on both sides of the water, most likely pushed there by the recent 'Noreaster storm and high tides. No goose poop. Low tide at 7:20 AM.		
15		Tide just turning. Still going out of BGP		
20		Area well tended. Osprey nesting season in full swing.		
5		High tide. Slight breeze		
5		Some trash. Low tide. Oyster shells on bank. Bike left at site.	1	0.5
0		Site in dire need of a cleanup. Tide very low. trash was rampant on the far side of the waterway. Probably from recent 'Noreaster. A couple of geese nesting. Bicycle tire, big bucket.	1	22
17		Thin oil sheen. Water sudsy, likely from pollen.		
21.5		Visible pollen accumulation; water sudsy		
7		Incoming tide; 2 partially filled gas cans and Bud light bottles	1	10
0		The site looked better than last month. Tide was low. A couple of geese were in the water. No goose poop. I did a light cleanup.	1	17

17				
18		high tide, breezy, lots of goose poop on dock		
25				
0				
0		fish jumping		
1		pollen tree tassles in water		
9				

3		Outgoing tide. Heavy rain just before 48 hour period. City has picked up CTBD trash. There is just a little paper on the ground.		
0		general trash	1	8
16				
13		High tide, no wind, 2 herons; dinner hour at Steinhilbers		
15		high tide going out; lots of small aquatic life		
8		fish jumping		
8		water fowl on lake		
20		higher tide; rained last night		
12		outgoing tide		
0		water level w/ church pond high after 1" rain Sat. & Sun. Lizard tail growing lush		
1		small sprinkle of duckweed		
0		slight oily sheen on the lake		
0		No algae. Low volume of water going over weir. Some duckweed present.		

11 Site very clean. Numerous schools of fish along with wading birds, redwing blackbirds, and barn swallows.

11 Site very clean. Large numbers of nursery fish present.

0 A lot of golf ball sized jelly fish in the water. No trash at site.

0	The water level made it possible to draw a sample from the dock. Outgoing tide. I wasn't able to remove them so I placed the Food Loin shopping cart and the tire/wheel by the onsite trash can for ease of removal.also found a pizza box/ large kitchen knife and a broken fishing rod.	1	70
---	---	---	----

0	Site looked trashy on the far bank. Water was extremely low - definitely something to monitor for cleanups. Lots of goose poop. I did a trash pickup. Water had floating sediment in tiny muddy drops/spots/particals like silt. Neighbor recently dumped mulch in his backyard all the way up to the bulkhead edge.	1	4
---	--	---	---

19			
16	outgoing tide		
0	water level extremely low. Only a tiny layer of water over mud/debris accessible from spillway.		

5	some duckweed present; sample taken by Hagan		
---	--	--	--

5			
2	small amount of duckweed; some pine needles & surface debris		

17			
----	--	--	--

12	Jumping fish, 3 inactive dredging barges, high tide		
----	---	--	--

19	small amount of trash, mostly boating line		2
----	--	--	---

9			
---	--	--	--

9			
---	--	--	--

18	incoming tide		
0	pond level seriously low; only 2-3 inches water accessible		

0	The site looked better than usual. Water at average level and very muddy. The grass was recently cut and there was no trash on my side of the river.		
16	Beautiful morning.People love the shade shelter.		
15	Some fine particles (dust/pollen) on the surface, but otherwise area clean		

5			
---	--	--	--

5			
---	--	--	--

12	Water very opaque; low tide;many schools of small fish present;marsh plants showing signs of season's end; area very clean		
----	--	--	--

15	Numerous large schools of nursery fish; juvenile northern water snake sunning on riprap		
0	small amount of plastic bags & wrappers	1	1
8	Bags of 7-11 food and drinks dumped.	1	10
8	Bags of 7-11 food and drinks dumped at site	1	10
5	High tide; clouds and showers		
18	High water; sampled at dock		
11			
10			
20	Saw 2 dolphins the day before for first time in 31 years; sample was 3 hours after high tide		
11	heavy rainfall yesterday; Hurricane Florence expected in 3 days; high tide/water levels		
16	High water, slack tide; lots of organic material in the water; water was so high, had to wear a bathing suit to access normal sample site		
5	water level lower than usual		
3			
5			
17	Outgoing tide. Site very clean.		
19	Huge school of nursery fish around dock.		
0		1	8
5	Man crabbing on site was not having much luck. Lots of 7-11 bags.	1	2
17	very high water	1	0.5
7			
9			
17	incoming tide; site remains clean		
	Very high tide. Water nearly washing over docks.		
17	Sub-adult bald eagle enjoying a morning nap in a pine tree.		
15	Usual- bottles, cans, plus beach ball	1	20
	Fisherman catching several trout while I was there.		
16	Fish looked healthy. Tide over path again. There was some trash dumped.	2	15

0	Again, site looked better than usual. Water level was extremely high and very cloudy - it had a gray hue to it. I did some light trash pick up. Removed a political sign	1	4
20			
14	Friendly domestic goose hanging around; forgot turbidity tube; removed large bag of floating Bud Light cans	1	7
20	water very clear		
25	low tide		
21			
0		1	10
0.1	Leaves on water		
4			
4			

20	area very clean		
18	area very clean		
18	very high tide, path flooded with 6 + feet of water site looked better than usual; water level extremely high with nice fresh green tint; high tide at Broad Bay was 8:01 am.		
0			
18	pine needles covered water surface but clear below		
13	Lots of leaves and tree debris in water from yesterday's rain		
10			
2	migrating ducks and several egrets		
12			

14	Incoming tide. Nothing unusual.		
16	Presence of persistent, sudsy foam throughout the cove. Foam reported to HRSD. Incoming tide.		
3			
10	Just starting to rain. No changes at the HRT bus stop as yet. Torn up lottery tickets on the bank. Wish they had better luck.	1	5

0	Site looked better than usual. The water level was up. High tide at Broad Bay Canal will be at 11:39 am.	1	6
14			
	Very high water overnight - I'm cold!		
10	higher tide; lots of rain fall day prior to sample		
14			
10			
10	water levels high		
0.1	lots of leaves		
10			
5			
15	Site generally clean; a few ducks present		
17	Area generally clean; numerous waterfowl present		
19	Homeless camp gone. Lawn chair and more lottery tickets	1	15
0	Water level was high and it had crested the bank recently.	1	7
10	very low tide, raining		
10	overcast, slight breeze, low tide		
12			
1			
10	raining		
8			
5			
10			
10			
4	calm & clear		

10				
10		infrastructure project has made its way into Little Neck Creek over the past few weeks. Today's relatively "clear" turbidity reading reflects the extremely high tide underway at the time it was made (high tide set for 9:44am + a few minutes), pushing the runoff the back. In recent days the creek has been orange and completely opaque. This just shows the far-reaching impact of any disturbances within the watershed. This is the same water that flows past MOCA and through extensive phragmites marshes before reaching my sample site.		
15		Area clean		
4		None - looked good, now issues	0	0
10		Very High tide with a lot of debris in the water. The area was trashed. Lots of trash in the water.	3	20
0		Site appeared normal. Very high water level. I did some trash pick up 1 bag / 5 lbs.	1	5
13		Turbidity greater than 60cm (>60)		
5		I felt like the salinity was low. It was still dark when I did this test and may have misread. Sorry to put this here, no other obvious place for notes of this type.		
0		some pine straw and grass clippings on surface		
20		Water in canal is a strange rusty color, like iced tea. I remember this happening a couple of years ago and was told that some tree droppings sometimes cause it in Broad Bay.		
4				
10		Incoming tide, lots of pollen on the surface		
0				
10			1	1
5				
10				
5				
12				
16		There are now muskrats present in the park side of the creek.		

15		Ospreys returning for the 2019 nesting season.		
6				
13		Needs a full land and water based cleanup	2	10
		The water level was average ... I had to step into the mud slightly in order to access the water. I launched a kayak after pulling the sample and did an upriver recon trip for the upcoming cleanup on 4/13/2019.so ...		
		1) I dropped off an 'Info Sheet' at the office regarding the cleanup date and details.		
		2) I checked for pallets behind the building -- there were none.		
0		3) The building is located at 1045 Lynnhaven Parkway, Virginia Beach (757-385-4126)	0	0
10		Low tide, lots of oyster shells near shore, geese on bank		
17		breezy and ebbing tide		
20		Water is still rusty colored; was low tide when I sampled.		
10				
16				
2				
11		Algae, Duck Weed and Coontail present	1	0.25
4		pollen on water		
10		Algae, Duck Weed and Coontail present		
7				
10				
0.01				
0				
0				
0				
9		Low tide revealed \$5.00 bill in mud.		
15		midges		
0.4				
2		Very low tide with debris piled at very high tide line. Abandoned bike. Flat tire and chain/rear wheel broken. Left at city trash can.	1	10

0		The water level was above average. No problems with water access.	1	2
17				
15		very high water. I took sample where I normally have beach		
12				
15				
8				
10				
2				
6				
0		small sprinkles of algae		
5				
5		Treated lake for algae mid April with Captain XTR		
6				
2				
1				
1				
1				
14				
13				
13				
5		Water recently over the dock and path	1	5
0		The water level was very high and muddy in appearance. Goose droppings had fouled the entire area making it a challenge to walk around without stepping into it. The office onsite appeared to be closed.		
15				
8		Partly cloudy, breezy, a lot of goose pop on shore		

15		A lot of rain on Friday before		
18		flock of geese in vicinity for past month. About 50 were in the area where sample was taken		
15				
0				
5		Pumping from collection pond into lake in support of dredging. Discharge at collection point.		
0				
5				
5				
7				
0				
0				
0				
0				
17		blackbirds out learning how to be redwing blackbirds		
16		Cormorant hunting around the docks heedless of me. Very interesting to observe so close - as close as a few feet and visible underwater at times.		
10		Lot of jelly fish		
10		The water level made it possible to draw the sample from the dock. The area was freshly maintained and looked good. There were a couple of kids there fishing who had made a mess of their trash, but they picked it up while I was there.		
0		The water level was very high and muddy in appearance. The grassy area was freshly maintained. Goose droppings had fouled the entire area making it a challenge to walk around without stepping into it.		
8		The office onsite appeared to be closed.		
4				
16		Low tide		
12		some trash - mostly washed up.		
		cloudy water		

10		Heavy rainstorm night before testing		
10				
5				
5				
0		small algae		
5				
3				
5				
1				
0				
0				
0				
12		Site relatively clean		
16		Numerous schools of juvenile fish/minnows		
5				
0		umbrella, fishing rod holders, and a flag on the dock. The river was at very low tide making access to the water a challenge. I pulled my sample at the bridge. There was a lot of trash visible due to the water level. This site is in need of a clean up.	1	5
0			1	10
20		2 ft pipe into inlet installed since last sample		
10		Inter tide, clear sky, lots of goose droppings I picked up lots of fishing related trash, 4 or 5 different kinds of line alone. 1 full sized dorrito bag full of trash. 2 large piece of broken jug and a metal basket. There has been more and more trash each		
19				
20				
8				
16				
0				
5			1	0.25
5				
5				
2				
6				
0				
0				
0				
0				
20		Low tide. Enormous number of small fish present.		
21		cluelessness was most entertaining.		
15	7.37			
15	7.22	Cleanup scheduled for Sep 14		
3	7.08			

18		3 days ago)		
10		Leaf and pine needles in water, fish jumping		
20	7.71	Lots of trash, obvious signs of inundation from the hurricane, high water, pretty sunrise this morning, on		
20		Low Tide, Sulfur Odor		
0	7.78	Some duckweed present.		
6	0		1	0.1
0	7.43			
5	6.92			
3				
6	7.06			
0	7.3			
0	6.47			
0	6.3			
0	6.79			
22		- predominantly the former - present. This has been		
22		Area clear of trash		
20.4	7.42			
21	7.65			
0	7.26			
25				
10		Trash in the marsh grass, couldn't reach		
15				
14				
10	6.58			
0	6.48	lots of animal feces on spillway (raccoon?)		
0	7.2	leaves beginning to fall		
0	7.28			
5				
2	7.48			
0	6.9			
0	6.54			
0	7.1			
0	7.22			
20		Site beginning to accumulate debris in the marsh		
10	6.96	Usual pickup of small amount of trash around pier and launch		
15	7.7	fisherman at times. Will go back when there is more	0	0
0	7.3	for pH testing.	1	10
26		Water Turbidity >60cm		
20		High Tide, lots of tree debris in the water from rains		
15		plastic bottles		
28	7.43	High water		
1.5	6.9			
10	12.86			

10	7.19			
10	7.28			
10	7.07			
0	7.23			
water level too low				
51.2	0	6.9		
50.9	0	7.1		
21				
25				
16	7.29	Usual pickup of small amount of trash around pier and launch. Lot of broken glass at pier. Some work Cleanup scheduled this month. Fileted fish remains in the water. Trout and flounder. Even better news! water clarity surpassed last month's all time high for this site -- Secchi tested at	1	3
21	8.21		0	0
0	7.5		1	1
24				
20				
22				
20				0.5
11	6.82			
1.5	6.9			
11				
1	7.34	leaves on water from fall foliage		
10	12.03			
5				
12	6.79			
0	6.43			
0	6.1			
0	6.11			
0	6.1			
24		Little Neck Creek needs water based attention		
24		site clean, graffiti on shelter		
20	7.04	small amount of trash around pier and launch	1 bag	
14	7.44	completely spotless	Cleaned Sunday - 20 bags plus	Cleaned Sunday - 552 lbs
0	7.36	nothing unusual at site		
23				
20		Water choppy, wind gusts, some litter in grasses		
Too dark to take reading		low tide mermaids purse on beach		
22		medium tide, rain overnight		
14				
21	7.4			
1.5	6.9	raining during sampling		
12			1	0.25

0	7.3	small pine needle rafts		
10				
7				
11	6.93			
0	6.4			
0	6.4			
0	6.4			
0	7			
14				
20		Of interest: Chesapeake Bay salinity 21.32 @ 8.10 buoy 44064 (First Landing)		
6	6.7	Usual pickup of small amount of trash around pier and launch.	1 small	2
13	7.33	Appears to be homeless camping waste left behind	1	15
0	7.39	Low tide, much trash was visible at the shore line. I picked up a full bag and with more time could have filled several more. The area was fouled with goose droppings.	1	10
23				
10		Low tide, lots of oysters shells		
20		Two spud barges off the site with one tug moving around while sampling		
No data	No data			
25		A lot of rain and wind prior Thurs.		
12				
20	7.57			
1.2	6.5	Small sewage spill recently from City sewer pipe that clogged		
0	7.3	bottles /chip bags	small bag - 1	2
0	7.2			
0	7.1			
0		clean		
0	5.7			
0	5.8			
0	5.6			
0	5.8			
14				
19				
9	6.59	Usual pickup of small amount of trash around pier and launch.	1	1
0	7.37	Extremely low tide, much trash was visible at the shore line. The area was generally clear of goose droppings.		
24				
15		Sunny skies, calm day, low tide		
30		Big dump pf water and ? through storm drain into canal on 26 Feb.		
25	7.95	Rising tide		
2	6.3	pollen on water surface		

5		Heavy pollen on the water surface		
5				
5				
5				
53.2	5			
2	6.6			
1	5.8			
1	5.7			
0	6			
60.4	25			
19				
5				
8	6.63		1 small	
10	6.97	Much cleaner than usual. Miller Lite cans in fishing line disposal tube.	1	5
0	7.37		0	0
18				
10			0	
25				
12				
25	7.26			
0	9.25			
7				
2	7.1			
10	7.06			
5				
10	7.36			
1	6			
1.1	5.95			
1	6.1			
1	6			
16				
20	2.4			
6	6.87	Bunch of firework debris.	1	5
0	7.24			
0	7.06		1	5
14		Sheen on top of water		
10		Low tide; lots of goose poop	0	
19	6.78			5
7			1/2 bag	
20	6.82			
0	8.6			
0	7.4	not trash but 100s of pounds of weeds		
6	2.38		0	0
31	5		0	0
5	7.54	oily film on water	0	0
83.3	85.6		1	6.8
85	84.9		1	6.1

84.5	85.9	0	6.2	
78.2	84	0	5.9	
0	6.2			
15		Very low tide; very murky water		
24		Abundant jellies		
1	6.7		1	3
0	6.1	Very low tide and film on water	None	None
0	7	The tide was very low for drawing the samples. The area was well maintained. No trash on my side, but	0	
19		dead fish on crab line; thermometer not working		
5				
10	6.45	Very low tide		
0	8.6			
0		Family of ducks stirring up bottom		
5				
6	7.65			
3				
5	7.16			
1	6.1			
0	6.1			
0	6.1			
0	6.1			
15				
17				
15	7.07	Lots of jelly fish		
12	7.39	22 foot power boat with two drunk guys docked at the public kayak launch.		
		The tide was running high -- easy access to the water. The area was well maintained and appeared trash-free.		
		Note: The water turbidity improved dramatically from last month to 41.0 from 24.0 reflecting the large reduction in precipitation.		
		Sample drop-off went well under the new Covid procedure.		
0	7.12	High Tide for 9/1 @ 10:43 AM		
19				
15		Crab pots		0
20	7.82	several distinct fishing line clumps found on sight.		
20		4 or 5 distinct fishing lines, bottles, socks, some styrofoam, many cigarette butts	1 bag of what 3 lbs	
10				
20	6.71	High tide		
0	8.8			
0		family of ducks swam away at beginning of testing		
5				
0	7.3		Removed large	.75 pound
5	6.97			

4		City fishing line disposal tube was emptied! Picked up some line at the dock and put it in. Old barrel on Dock is full. Not sure if the city put that one there. It is covered with barnacles and has holes after finding it in the water at our cleanup.	1	10
5	7.19		1	3
1.5	6.1			
0	6.2			
0	6.1			
0	6.1			
18				
15		Shopping Cart	1	23
10	6.43	Not much trash at pier and launch!		
10	6.93	Fisherman with four large speckled trout		
17				
15		Used oyster shell,. Lots of seagulls		
17	7.18			
10				
7				
10	6.6			
0	6.9			
10				
10				
5		Not much trash at pier and launch!	1	1
10				
1.5	7.45			
1	6.96			
0	6.75			
0.5	6.8			
10		Today's salinity reading is the lowest one I can recall.		
13				
14	6.96	Tide was higher than normal	1	2-3
0	6.52	Floating debris from recent high tides; Most trash was in the water where I could not reach it.	0	0
0	7.12	The tide was running very high -- the water level was too high to venture out much. The area was well maintained. The area appeared relatively trash-free. I did some minor trash collection.	1	2
15				
10		Leaf litter in water		
26				
0.3				
19	6.71	Very low tide		
0	6.3			
10				
0	7.1	mat of pine needles on the water		
10				
4				
10				
0	7.03			

0	6.65			
0	7.17			
0	7.42			



8	removed scattered litter, cardboard, plastic bags, beer bottles, fast food trash from boardwalk			3
16				
3	6.62 Not much trash at pier or launch	1		5
4	6.87 Staying fairly clean	1		10
3	6.6			
20	Barge docked at site			
10	Goose poop			
30				
20	7.59			
0.2	6.47			
11				
2	6.8 nothing			
10				
5				
11	8.77			
3	8.9			
1	8.3			
1	7.3			
0	7.6			



10				
18	noticeable wind			
	Water was really high; First ever - package of raw			
9	70.3 chicken thighs	1		4
	Left trash for Feb 20 cleanup. Bike and shopping			
1	6.77 cart with possessions	0		0
	The incoming tide was running very high -- the high			
	water level made it difficult to step away from the			
	bank into the water. The area was heavily littered			
	from the prior high tide going over the banks and			
	depositing trash. I quickly and easily filled a yard			
	waste bag with trash.			
0	7.12	1		8
22				
21				
8				
14	6.89			
3	5.5			
10				
0	7			
10				
9				
11				



10

20			
	There is a big metal piece of equipment dumped in the circle by the launch. I will check back in a few		
10	69.7 days and if it is still there I will call somebody.	1	3
	Very low tide; Only a small amount since cleanup last		
0	7.49 week	1	5
	The tide was moving in -- the water level was perfect for sample gathering. The banks were littered with trash. I filled a yard waste bag with trash and thought about Don Runyon who in the past had joined me to kayak on this stretch of water.		
	High Tide for 3/2/2021 at Broad Bay Canal @ 12:24		
0	7.12 PM.	1	10
5	Lots of goose feces on dock		
15			
7		1	
15	7.04 Incoming tide		
1	6.61		
10			
2	7.2 hydro raking the lake so debris and silt is present		
10			
	We started a Hydro raking project on 2-25-21 for approx. 30 days to remove muck and debris from coves.		
5			
9	Hydroraking in progress in the area. Took this sample 30ft away from normal spot.		
1	7.9		
1	6.4		
1	7.8		
0.5	7.6		
17			
19			
10	6.76 Big grate at launch	1	5
3	7.46 six balloons	1	5
	The tide was at a perfect level for testing. No remarkable conditions at the site.		
	High Tide for 4/6/2021 at Broad Bay Canal @ 7:04 AM.		
	SPECIAL NOTE: I met with Emily and LRNow videographer on 4/5/2021 at Beach Garden Park and was interviewed and observed while picking trash and drawing water samples. This would be part of the		
0	7.12 virtual Oyster Festival function.		10
18			
12	Trash in reeds		
20	high tide		
20			
11		2	

20	7
0	6.57
0	6.9 lake was hydro raked in March
0	7.1 lake was hydro raked in March
0	7 lake was hydro raked in March
6	We just completed a month of muck raking several areas of the lake to remove silt and muck build up.
0	7 Lake was hydro raked in March
1	8.4
1	7.9
0	7.7
0	7.8

6			
9			
3	66.2	1	6
	Dead Nutria; two Food Lion shopping carts, one in the water and one on shore. Pulled to entrance and		
0	6.98 contacted city.	2	50
0	Too shallow to get good data. Had to wade and stir up mud.		
23			
12	Dredging		
20	6.6		
30			
11		4	
25	6.97		
0	9.73		
6			
0	7.1		
6			
5			
5			
4	7.95		
1	7.6		
1	7.4		
0	7.6		

20			
21			
10	6.7	1	3
5	7.34 Sign Vandalized, Dog Waste	2	15
20	saw parts of bait fish floating near shore		
	wetland restoration in progress across from boat launch		
12	live small fish seen; talked to a couple who picked up		
20	7.5 a small amt of trash		
5		5	
17	6.95		
0	7.99		
7			
0	7 some weed growth beginning		
6			
5			

5
0 7.72
0 6.93
0 6.89
0 7.78

14 Water clarity surprisnly good for this point in the summer
17 water clarity excellent
Abandoned bike; More trash today than I have seen at this location in 3 years
9 6.73 3 25
The water level made it possible to draw the sample from the dock.

1.004 7.26 The area was freshly maintained and looked good.
The tide was OK for testing. No remarkable
0 7.21 conditions at the site.

21 Wetland restoration project at Thalia Creek boat launch
12
22 7.7 lots of minnows
10
20 6.68
4
5
5
6
1 8
0 7.38
0 7.35
0 7.5

17
18
11 6.65 Not as bad as last month 1 3
5 7.39 Mostly quart bottles left at homeless site 1 10
0 7.21 0
20

12 2 blue heron, wetland restoration in progress
19 7.9
12
16 6.95 Incoming tide
0 7.99
0 7 duck weed
0 6.9 duck weed
0 75 duck weed
2
0 7 duck weed
1 8
0 7.5
0 7.25
0 7.6

several large plate jellies were present. salinity quite high.

The pier where I do sampling was being rebuilt. Workers took a break and helped me get on/off the pier. Birdneck Launch was not too bad with litter this

20	6.78	time.	1	3
0	6.84	Extreme low tide. fireworks mortar sitting on the dock	1	5
0	7.3	The tide was very high. No remarkable conditions at the site.	0	0
18		Batteries went dead in temp sensor		
12				
20	7.6			
12				
16	6.77	Super low tide		
0	8.89			
6				
0	6.9			
4				
6				
1	8.3			
0	7.8			
0	7.6			
0	7.7			



19				
24				
10	7.17	The pier I sample from has been rebuilt.	1	10
17	7.43	Lots of Dog Poop	1	3
0	7.3	Note: I missed my 1st Tuesday date and did a make up today on the 2nd Monday.	0	0
22				
20	7	Breezy, light drizzle		
25	6.8	picked up a can and a water bottle		2
15				
29	6.67			
0	7.55			
8				

0	7			
6				
5				
7				
1	8			
		No samples taken due to no water within 100 yards of sample site due to heavy north wind		
0	7.9			
0	8			



23				
24				
20	6.68		1	5

21	7.32	1	5
	Turned in 2nd Monday due to my voting official duties last week		
	The tide was very high, over the banks due to King tide over the weekend. Also, the water clarity was extremely high ~ 51 Turbidity. Must have been due to the high tide.		
0	Next time, bring a pruner for improving access to the		
25	7.3 water.		
15	7 High tide		
	approaching an unusually high tide; fish line, hooks		
24	7.4 and weight		
17			
30	7.19 Clearest water ever		
0	7.26		
6			
0	6.9 pine needles floating in area		
10			
	Water blown out due to heavy North winds. Not able to sample this location.		
	Water blown out due to heavy North winds. Not able to sample this location.		
0	7.66		
0	7.89		
20			
24			
34	7.45	1	3
24	7.73 Too much dog poop!	1	7
22	7.5 glass, fish line		
21		4	
16	7.05		
0	6.56		
0	6.9 leaves floating at sample site		
8			
1	7.9		
0	7.41		
0	7.61		

[illegible][illegible]

[illegible][illegible]

--	--