

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:		
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LRN 06	Long Creek/Marina Shores Marina	36.904858, -76.067222
LRN 07	Thalia Creek/ Steinhilber's	36.857344, -76.120244
APRIL 2018:		
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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:		
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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

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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
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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
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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:	No April 2020 data due to COV
	MAY 2020:	No May 2020 data due to COV
	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
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GNL 01	Spillway	36.879664, -76.045565
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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

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

ID-19 restrictions

ID-19 restrictions

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

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