

2021 Stormwater Sample Data - 7LSTU-outfall

Station	Sample Start	Sample Reason	Sample Type	Air Temperature (°F)	Water Temperature (°C)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Specific Conductivity (µS/cm)	Transparency (cm)	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)
7LSTU-outfall	01/29/2021 10:15	Base	Grab	19								381	0.27
7LSTU-outfall	03/02/2021 10:20	Base	Grab	35	4.0	1584	12.42	8.7	1.36	2645	> 100	252	0.34
7LSTU-outfall	03/10/2021 12:10	Rain	Grab									61	0.9
7LSTU-outfall	03/24/2021 09:20	Rain	Grab	41								36	0.15
7LSTU-outfall	03/30/2021 09:50	Base	Grab	40	7.2	1015	11.17	8.8	0.78	1538	> 100	270	0.27
7LSTU-outfall	06/09/2021 09:10	Base	Grab	85	15.9	1751	8.90	8.1	1.09	2119		380	0.41
7LSTU-outfall	07/13/2021 10:35	Base	Grab		17.7	1782	8.97	8.2	1.06	2070	> 100	287	0.09
7LSTU-outfall	08/10/2021 08:45	Base	Grab	76	20.9	858	8.50	7.0	0.46	931		182	0.06
7LSTU-outfall	10/15/2021 10:15	Base	Grab	45	15.7	1680	9.63	7.0	1.05	2041	55	354	< 0.06
7LSTU-outfall	11/15/2021 10:10	Base	Grab	31	10.3	2410	10.71	8.1	1.77	3355		341	0.28
7LSTU-outfall	12/15/2021 09:50	Melt	Grab	44	5.5	993	11.82	8.2	0.80	1583		94	0.53

Station	Sample Start	Carbonaceous Biological Oxygen Demand 5-day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/100 mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
7LSTU-outfall	01/29/2021 10:15	1.3	19	522	~ 0.02	0.01	0.05	2	665	1.10	1.37	< 0.06
7LSTU-outfall	03/02/2021 10:20	1.5	20	739	~ 0.03	0.01	0.11	6	345	1.30	1.07	< 0.06
7LSTU-outfall	03/10/2021 12:10	24.0	502	206	0.44	0.36	3.45		192	8.50	0.49	0.19
7LSTU-outfall	03/24/2021 09:20	7.0	98	62	0.20	0.16	0.87		112	1.90	0.25	0.07
7LSTU-outfall	03/30/2021 09:50	1.9	21	344	~ 0.05	0.02	0.09	326	310	1.10	0.59	< 0.06
7LSTU-outfall	06/09/2021 09:10	2.7	33	441	~ 0.03	< 0.01	0.13	23	598	2.00	2.41	0.23
7LSTU-outfall	07/13/2021 10:35	1.1	23	426	< 0.02	0.01	~ 0.03	16	503	0.87	2.09	0.10
7LSTU-outfall	08/10/2021 08:45	1.6	22	175	~ 0.04	0.02	0.08	261	292	0.70	0.44	< 0.06
7LSTU-outfall	10/15/2021 10:15	1.2	24	422	0.07	0.01	~ 0.04	866	615	0.85	2.00	< 0.06
7LSTU-outfall	11/15/2021 10:10	1.1	25	920	~ 0.05	0.03	0.09	78	388	0.98	1.08	< 0.06
7LSTU-outfall	12/15/2021 09:50	16.0	107	432	0.32	0.24	1.10	816	189	2.90	0.45	0.08

Station	Sample Start	Sulfate (mg/L)	Total Biological Oxygen Demand 5-day (mg/L)	Total Cadmium (mg/L)	Total Chromium (mg/L)	Total Copper (mg/L)	Total Lead (mg/L)	Total Nickel (mg/L)	Total Zinc (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)
7LSTU-outfall	01/29/2021 10:15	79.1	1.5							1450	3.2	15	~ 2
7LSTU-outfall	03/02/2021 10:20	58.4	1.9							1470	5.3	3	~ 2
7LSTU-outfall	03/10/2021 12:10	19.9	35.0							560	10.7	692	236
7LSTU-outfall	03/24/2021 09:20	7.7	8.8							532	5.1	154	42
7LSTU-outfall	03/30/2021 09:50	49.0	2.0							849	7.2	5	3
7LSTU-outfall	06/09/2021 09:10	57.1	4.7							1190	5.0	24	5
7LSTU-outfall	07/13/2021 10:35	70.6	0.8	< 0.0010	< 0.0010	0.0038	< 0.0005	0.0024	< 0.0050	1140	4.4	~ 2	~ 1
7LSTU-outfall	08/10/2021 08:45	27.6	1.6							518	5.3	~ 2	~ 1
7LSTU-outfall	10/15/2021 10:15	59.7	1.0							1130	3.5	3	~ 1
7LSTU-outfall	11/15/2021 10:10	58.5	1.4							2060	2.1	~ 2	~ 1
7LSTU-outfall	12/15/2021 09:50	14.3	20.0							872	5.8	204	62