

Site ID (Lab ID)	RR-996	RR-426	RR-671	RR-589	RR-947	RR-130
Date / Time	9/22/2020 14:00	9/22/2020 12:00	9/22/2020 10:30	9/22/2020 10:00	9/22/2020 9:00	9/22/2020 8:30
Sample Device	Van Dorn	Van Dorn	Van Dorn	Van Dorn	Van Dorn	Van Dorn
Air Temp (F)	85	75	61	60	58	55
Wind Conditions	Calm	Light	Calm	Calm	Light	Calm
Cloud Cover	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Water Temp (C)	17.33	16.31	16.12	16.29	15.77	16.24
Sp. Conduct (us/cm)	473	822	774	802	809	807
pH	8.58	8.25	8.7	8.68	8.39	8.37
DO (mg/L)	9.85	8.87	9.06	9.11	8.89	8.83
Debris in Water	No	Yes	Yes	Yes	Yes	Yes
Type of Debris in flow		Leaves Twigs	Leaves Twigs	Leaves Twigs	Leaves Twigs	Leaves Twigs Branches Large Trees
Control Type/Condition:	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris
Secchi Tube (cm)	30	23	12	18	22	23
Appearance	3 - Muddy	3 - Muddy	3 - Muddy	3 - Muddy	3 - Muddy	3 - Muddy
Recreational Suitability	3 - Fair	3 - Fair	3 - Fair	3 - Fair	3 - Fair	3 - Fair
Stream Condition	Low/Moderate/ Muddy	Low/Moderate/ Muddy	Low/Moderate/ Muddy	Low/Moderate/ Muddy	Low/Moderate/ Muddy	Low/Moderate/ Muddy
Site-specific Stream and Control Notes	Left bank has noticeable erosion. Some old tree debris downstream. Many gulls flying over. First estimation is lower water clarity. Sampled upstream.	Sampled US.	Sampled DS. Took sonde reading in Cal Cup	Sampled DS. Took sonde reading in cal cup	Sampled DS	Sampled US. Large debris pile caught on pedestrian bridge
Nitrogen, Nitrate & Nitrite--mg/L	< 0.03	0.314	0.254	0.316	0.339	0.291
Nitrogen, Total Kjeldahl--mg/L	0.551	0.823	0.954	0.86	0.859	0.898
Phosphorus, Total as P--mg/L	0.104	0.194	0.219	0.188	0.194	0.185
Residue-Nonfilterable (TSS)--mg/L	32.4	29	52	36.6	37.8	28
Sulfate--mg/L	42.4	140	130	135	148	150

Site ID (Lab ID)	RR-466	RR-558	RR-571	RR-783
Date / Time	9/22/2020 10:00	9/22/2020 10:22	9/22/2020 9:29	9/22/2020 12:00
Sample Device	Van Dorn	Van Dorn	Van Dorn	Van Dorn
Air Temp (F)	61	66	57	80
Wind Conditions	Light	Calm	Calm	Calm
Cloud Cover	Sunny	Sunny	Sunny	Sunny
Water Temp (C)	15.96	16.72	16.47	15.95
Sp. Conduct (us/cm)	438	936	996	635
pH	8.53	8.3	8.25	8.46
DO (mg/L)	8	9.22	9.03	9.72
Debris in Water	Yes	Yes	Yes	No
Type of Debris in flow	Branches Large Trees	Leaves	Leaves	
Control Type/Condition:	Section, Moderate Debris	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris
Secchi Tube (cm)	55	11	16	22
Appearance	3 - Muddy	3 - Muddy	3 - Muddy	4 - Green
Recreational Suitability	3 - Fair	2 - Good	2 - Good	4-Poor
Stream Condition	Normal/Moderate/Muddy	Low/Moderate/Muddy	Low/Moderate/Muddy	Low/Moderate/Muddy
Site-specific Stream and Control Notes	Upstream is very clear of debris, downstream has remnants of old debris caught on all banks and island. Downstream pictures show right and left side of island. Many leave past peak color, the rest haven't started turning yet. Sampled upstream.	Debris caught on bridge DS, sampled DS, muddy banks, organic matter in flow, frof course DS.	Debris caught on bridge, sampled US, muddy banks.	Film on water surface along banks. Water looks slightly green, can't tell too much in the pictures. Water appears to be lower based on old wear on the banks. Some algae on rocks. Sampled upstream.
Nitrogen, Nitrate & Nitrite--mg/L	< 0.03	0.419	0.538	0.06
Nitrogen, Total Kjeldahl--mg/L	0.51	1.01	1.05	0.618
Phosphorus, Total as P--mg/L	0.038	0.282	0.352	0.16
Residue-Nonfilterable (TSS)--mg/L	18	84.8	95.6	36.2
Sulfate--mg/L	33.5	204	230	93.1

Site ID (Lab ID)	RR-220	RR-320	RR-423	RR-456
Date / Time	9/22/2020 13:00	9/22/2020 12:21	9/22/2020 11:31	9/22/2020 8:57
Sample Device	Van Dorn	Van Dorn	Van Dorn	Van Dorn
Air Temp (F)	82	80	69	58
Wind Conditions	Light	Calm	Calm	Calm
Cloud Cover	Sunny	Sunny	Sunny	Sunny
Water Temp (C)	11.33	18.54	16.56	16.66
Sp. Conduct (us/cm)	488	983	941	771
pH	8.4	8.38	8.38	8
DO (mg/L)	9.52	9.42	9.42	8
Debris in Water	Yes	Yes	Yes	Yes
Type of Debris in flow	Leaves Twigs Branches	Leaves	Leaves	Leaves
Control Type/Condition:	Channel, Light Debris	Channel, Clear of Debris	Channel, Clear of Debris	Channel, Clear of Debris
Secchi Tube (cm)	21	16	9	14
Appearance	3 - Muddy	3 - Muddy	3 - Muddy	3 - Muddy
Recreational Suitability	3 - Fair	2 - Good	2 - Good	2 - Good
Stream Condition	Low/Moderate/Muddy	Low/Moderate/Muddy	Low/Moderate/Muddy	Low/Moderate/Muddy
Site-specific Stream and Control Notes	Down trees along right bank directly upstream of bridge. Down trees in flow downstream. Birds seen/heard- vultures, gulls, kingfisher, and catbird. Interesting rope hung from bridge connecting to another rope attached to a down tree in the river. Sampled upstream.	Organic matter in flow, muddy banks, sampled US, debris in channel DS, sonde readings taken from cal cup.	Muddy banks, sampled US, trees along banks.	Debris along banks, sampled DS.
Nitrogen, Nitrate & Nitrite--mg/L	< 0.03	0.449	0.424	0.876
Nitrogen, Total Kjeldahl--mg/L	0.567	1.03	0.988	0.977
Phosphorus, Total as P--mg/L	0.132	0.271	0.274	0.329
Residue-Nonfilterable (TSS)--mg/L	34.8	49.6	73.2	67.6
Sulfate--mg/L	37.8	199	197	115