

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name EAST FORK RACCOON CREEK			Waterbody ID Code 874100		Sample ID (YYYYMMDD-CY-FD) 20190924-54-02	
Sampling Location 15 m downstream Beloit-Newark Road					Database Key 212665195	
SWIMS Station ID 10009956		SWIMS Station Name EAST FORK RACCOON CREEK AT BELOIT NEWARK RD				
Latitude 42.54073	Longitude -89.13270	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>			Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) SUGAR - PECATONICA		Watershed Name LOWER SUGAR RIVER			County ROCK	
Sample and Site Descriptors						
Sample Collector (Last Name, First) CAMILLE BRUHN				Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAM		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) /	Estimated Area Sampled (m²) /		Number of Samples in Composite /		Replicate No. _____ of _____	
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input checked="" type="checkbox"/> Trend <input type="checkbox"/> Other: _____						
Water Temp. (C) 15.3	D.O. (mg/l) 8.57	D.O. (% sat.) 85.7	pH (su) 7.81	Conductivity (umhos/cm) 603		Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)			
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)			
Measured Velocity circle units		Average Stream Depth of reach (m)		Average Stream Width of reach (m)		
m/s or f/s						
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>30</u>		Gravel (ladybug to tennisball): <u>50</u>
Sand: <u>20</u>		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>20</u>				Canopy Cover at Sample Site (%) <u>100</u>		

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Logan Cutler</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>15%</i>
Date Processed <i>10/27/2020</i>	Specimens Saved <i>136 subsample archived in ABC Unit 1 Dec 2023</i>	

31 24 26 37 18 1.7 hr
4Q1,2 A1Q3,4 C1Q3,4 A1Q1,2 D2Q2 1.2 hr

