

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name SPRING CREEK		Waterbody ID Code 266800	Sample ID (YYYYMMDD-CY-FD) 2016/01/1-50-04
Sampling Location US CTY D.			Database Key 133783538
SWIMS Station ID 503171		SWIMS Station Name SPRING CREEK AT COUNTY RD D	
Latitude 44.39642	Longitude -89.279976	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name WAUPACA RIVER	County PORTAGE
Sample and Site Descriptors			
Sample Collector (Last Name, First) DAVID BOLHA		Project Name WAUPACA/TOMORROW TWA [SECTION 319] 2016	
Sampling Device			
☒ Kick Net ☐ Surber Sampler ☐ Eckman ☐ Ponar ☐ Artificial Substrate ☐ Hess Sampler ☐ Other: _____			
Habitat Sampled			
☒ Riffle ☐ Run ☐ Pool ☐ Other ☐ Shoreline Composite ☐ Proportionally-Sampled Habitat ☐ Littoral Zone ☐ Profundal Zone ☐ Wetland			
Total Sampling Time (min) 3	Estimated Area Sampled (m ²) 3	Number of Samples in Composite 1	Replicate No. 1 of 1
Reason For Sampling			
☐ Least Impacted Reference ☒ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☐ Other: _____			
Water Temp. (°C) 12.9°C 55.3 F	D.O. (mg/l) 11.35	D.O. (%sat.) 106.6	pH (su) 8.09
Conductivity (umhos/cm) 431.6		Transparency (cm) 120	
Water Color		Estimated Stream Velocity (m/s)	
☒ Clear ☐ Turbid ☐ Stained		☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)	
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 5
Composition of Substrate Sampled (Percent):			
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 30
Sand: 20		Clay: _____	Gravel (ladybug to tennisball): 50
Silt/Muck: _____		Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	
Coarse Woody Debris: _____		Other (): _____	
Embeddedness of Substrate at Sample Site (%) 60		Canopy Cover at Sample Site (%) 50	

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Justin Kowalski	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 2/17/17	Specimens Saved Subsample archived in ABL until Jun 2020	

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