

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name PEPLIN CREEK		Waterbody ID Code 1426200	Sample ID (YYYYMMDD-CY-FD) 7/17/18-37-02
Sampling Location US and around culvert area		Database Key 149819254	
SWIMS Station ID 10010101	SWIMS Station Name PEPLIN CREEK - PEPLIN CREEK AT SOUTN RD SITE 2		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name JOHNSON AND PEPLIN CREEKS	County MARATHON

Sample and Site Descriptors	
Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2017

Sampling Device

D-Frame 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 min	Estimated Area Sampled (m ²) 4 m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: NCSR

Water Temp. (C)	D.O. (mg/l)	D.O. (%sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 70
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (10): Culvert

Embeddedness of Substrate at Sample Site (%) N/A
 Canopy Cover at Sample Site (%) 0

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

Comments Stream site backed up by beavers since fish survey in early summer. Stream appears much deeper and darker. Sampled overhanging veg; rock wall; culvert and woody debris all around the culvert area. No noticeable flow. Horse pasture nearby

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	<i>Ray Lawler</i>	Taxonomist	<i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted	<i>70%</i>
Date Processed	<i>8/9/18</i>	Specimens Saved	<i>Subsample archived in BBL until Dec 2021</i>		

E3=202