

**Instructions:** Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> SEVENMILE CREEK	<b>Waterbody ID Code</b> 1302400	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20160920-29-01
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<b>Sampling Location</b> 15 m US.	<b>Database Key</b> 133495947
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<b>SWIMS Station ID</b> 10044975	<b>SWIMS Station Name</b> SEVENMILE CREEK UPSTREAM MORRISEY ROAD
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<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER WISCONSIN	<b>Watershed Name</b> LOWER LEMONWEIR RIVER	<b>County</b> JUNEAU
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> JOSHUA WIED	<b>Project Name</b> WEST DISTRICT NC STREAM STRATIFIED SITES 2016
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**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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 14.6	<b>D.O. (mg/l)</b> 7.7	<b>D.O. (% sat.)</b> 76.1	<b>pH (su)</b> 7.7	<b>Conductivity (umhos/cm)</b> 299	<b>Transparency (cm)</b>
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> .5m	<b>Average Stream Width of reach (m)</b> 6
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_

Sand: 30 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: 20

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 20 Coarse Woody Debris: 30 Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 100 **Canopy Cover at Sample Site (%)** 100

**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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Bank Erosion		PL		Runoff: - Barnyard			
Channelization: - Upstream		U		- Construction			
- Downstream		U		- Cropland			
Hydraulic Scour / Channel Incision		U		- Urban			
Impoundment: - Upstream		U		Septic Systems			
- Downstream		U		Tile Drainage - Organic Soils			
Low Flow		U		- Mineral Soils			
Sedimentation		PL		Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity		PL		Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Mekyla Gronholm	Taxonomist	Estimated Percent of Sample Sorted 67%
Date Processed 10/9/16	Specimens Saved	

A3: 14    C2: 4    D2: 11    P1: 16  
 B2: 13    B3: 18    C3: 9<sup>91</sup>  
 E3: 16    A1: 6    E1: 20  
 43            21                    127