

Instructions: Bold fields must be completed.

**Station Summary**

Waterbody Name <b>BADFISH CREEK</b>		Waterbody ID Code 799500	Sample ID (YYYYMMDD-CY-FD) 20171121-54-01
Sampling Location <i>30 m upstream of Casey Rd</i>			Database Key 151313715
SWIMS Station ID 10012601	SWIMS Station Name BADFISH CREEK - CASEY ROAD		
Latitude <i>42.83345</i>	Longitude <i>89.19155</i>	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER ROCK	Watershed Name BADFISH CREEK	County ROCK	

**Sample and Site Descriptors**

Sample Collector (Last Name, First) <i>AMBERN, JAMES Sorge, Michael</i>	Project Name NEVIN HATCHERY ADAPTIVE MANAGEMENT MONITORING
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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) <i>2</i>	Estimated Area Sampled (m <sup>2</sup> ) <i>2</i>	Number of Samples in Composite <i>1</i>	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) <i>7.7</i>	D.O. (mg/l) <i>12.11</i>	D.O. (% sat.) <i>101.7</i>	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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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): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): *50*

Sand: *50* Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

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

Embeddedness of Substrate at Sample Site (%) *50* 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		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			
<b>Physical</b>				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>Kayla W. Cox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>07/18/18</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2021</i>	

EI = 41  
 B3 = 86

