

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

**Station Summary**

<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 147000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201104-24-02
<b>Sampling Location</b>		<b>Database Key</b> 251842594

<b>SWIMS Station ID</b> 10041507	<b>SWIMS Station Name</b> UNNAMED TRIBUTARY TO SILVER CREEK AT MURRAY RD (WBIC 147000)		
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	
<b>Basin (WMU)</b> UPPER FOX			<b>Watershed Name</b> BIG GREEN LAKE
<b>County</b> GREEN LAKE			<b>Datum Used if using GPS</b> WGS84 or NAD83

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> DAVID BOLHA	<b>Project Name</b> 319 PROJECT-SILVER AND DAKIN CREEK TWA 2020
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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

<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.3	<b>Number of Samples in Composite</b> 1	<b>Replicate No. _____ of _____</b>
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 6.2	<b>D.O. (mg/l)</b> 9.1	<b>D.O. (% sat.)</b> 75.3	<b>pH (su)</b> 7.3	<b>Conductivity (umhos/cm)</b> 561	<b>Transparency (cm)</b> 75
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input 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> 0.2	<b>Average Stream Width of reach (m)</b> 2.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 40  
 Sand: 60 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 (%)** 30

**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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
<b>Biological</b>				<b>Chemical</b>			
Algae: - Diatoms / Periphyton		N	N	Chlorine		N	N
- Filamentous Algae		N	N	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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion		N	PL
				Point Source - Specify:		N	N
				Pasturing of Livestock		N	N
<b>Physical</b>				Runoff: - Barnyard		N	N
Bank Erosion		N	PL	- Construction		N	N
Channelization: - Upstream		PL	PL	- Cropland		PL	PL
- Downstream		PL	PL	- Urban		N	N
Hydraulic Scour / Channel Incision		N	N	Septic Systems		N	N
Impoundment: - Upstream		N	N	Tile Drainage - Organic Soils		N	N
- Downstream		N	N	- Mineral Soils		N	N
Low Flow		PL	PL	Springs		N	N
Sedimentation		PH	PH	Tributary(s)		N	N
Sludge		N	N	Wetland		PH	PH
Thermal		N	N	Other - Specify:			
Turbidity		N	N				
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter	Raatz, Trevor	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	25
Date Processed	4/28/2021	Specimens Saved	Subsample archived in AX1 25 until May 2021		

2134

A2Q4: 8  
 E1Q4: 13: 21  
 A2Q2: 13: 34  
 E1Q2: 10: 44  
 A2Q3: 5: 49  
 E1Q1+3: 15: 64  
 A2Q1: 11: 75  
 C2Q1,2,3,4: 27: 102  
 E2Q2: 5: 107  
 E2Q1: 7: 114  
 E2Q3: 11: 125

(125)

