

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

**Station Summary**

<b>Waterbody Name</b> DAKIN CREEK	<b>Waterbody ID Code</b> 146700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201020-24-01
--------------------------------------	------------------------------------	---

<b>Sampling Location</b>	<b>Database Key</b> 251842542
--------------------------	----------------------------------

<b>SWIMS Station ID</b> 10030583	<b>SWIMS Station Name</b> DAKIN CREEK - MAUG ROAD
-------------------------------------	--

<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
-----------------	------------------	---	--

<b>Basin (WMU)</b> UPPER FOX	<b>Watershed Name</b> BIG GREEN LAKE	<b>County</b> GREEN LAKE
---------------------------------	---	-----------------------------

**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
---	--

**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> 2.0	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.3	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> _____ <b>of</b> _____
---	--	--	--

**Reason For Sampling**

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

<b>Water Temp. (C)</b> 7.2	<b>D.O. (mg/l)</b> 11.7	<b>D.O. (% sat.)</b> 98.4	<b>pH (su)</b> 8.1	<b>Conductivity (umhos/cm)</b> 684.5	<b>Transparency (cm)</b> 120
-------------------------------	----------------------------	------------------------------	-----------------------	---	---------------------------------

<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)
--	--

<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> 3.0
--	---	---

**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 80  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 0 **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	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...)	PH	PH
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	PL	PH
<b>Physical</b>			Point Source - Specify:	N	N
Bank Erosion	PL	PH	Pasturing of Livestock	N	N
Channelization: - Upstream	N	PL	Runoff: - Barnyard	N	N
- Downstream	N	PL	- Construction	N	N
Hydraulic Scour / Channel Incision	PL	PL	- Cropland	N	PH
Impoundment: - Upstream	N	N	- Urban	N	N
- Downstream	N	N	Septic Systems	N	N
Low Flow	PL	PL	Tile Drainage - Organic Soils	PL	PL
Sedimentation	PH	PH	- Mineral Soils	PL	PL
Sludge	N	N	Springs	N	PL
Thermal	PL	PL	Tributary(s)	N	PL
Turbidity	PL	PL	Wetland	N	N
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Reed, Kayla	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 23.3% to 16.7%
Date Processed 4-21-2021	Specimens Saved Subsample archived in 138 JBL until May 2024	

D1Q3 → 13      A3Q1 → 16      E3Q2 → 19  
 A3Q3 → 9      D1Q2 → 17      E3Q3 →  
 D1Q4 → 14      A3Q4 → 11      E3Q4 →  
 A3Q2 → 17      E3Q1 → 14  
 D1Q1 → 18



