

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name HAY CREEK		Waterbody ID Code 2067000	Sample ID (YYYYMMDD-CY-FD) 20161020-17-02
Sampling Location DS 5m from bridge			Database Key 133642176
SWIMS Station ID 10011633		SWIMS Station Name HAY CREEK - 3-HAY CREEK. 15 U.S. OF 672ND AVE.	
Latitude 44.932575	Longitude -92.07187	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name WILSON CREEK	County DUNN

Sample and Site Descriptors

Sample Collector (Last Name, First) King, Jacob	Project Name WILSON CREEK WEST TWA 2016
--	--

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

Total Sampling Time (min) 1	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
--------------------------------	---	-------------------------------------	----------------------

Reason For Sampling

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

Water Temp. (C) 45°F	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
-------------------------	-------------	---------------	---------	-------------------------	-------------------

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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	---

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .3	Average Stream Width of reach (m) 2m
---	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): 15 Gravel (ladybug to tennisball): _____

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 45 Other (____): _____

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 90

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

Comments *Active Cattle pasturing upstream, left side, crops on right*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Alison Kuhn</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>40%</i>
Date Processed <i>1-4-17</i>	Specimens Saved <i>Subsample archived in ABL until Mar 2020</i>	

*D1-33 B2-14
 E2-29 A3-28
 A1-14
 C3-16 134*