

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

Station Summary

Waterbody Name MASHEK CREEK	Waterbody ID Code 94000	Sample ID (YYYYMMDD-CY-FD) 201910173113
---------------------------------------	-----------------------------------	---

Sampling Location	Database Key 210341821
--------------------------	----------------------------------

SWIMS Station ID 10011676	SWIMS Station Name MASHEK CREEK - MASHEK CR. LAKESHORE DR.
-------------------------------------	--

Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
-----------------	------------------	---	--

Basin (WMU) TWIN - DOOR - KEWAUNEE	Watershed Name AHNAPEE RIVER	County KEWAUNEE
--	--	---------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING 2019
---	---

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) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
---------------------------------------	--	--	--

Reason For Sampling

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

Water Temp. (C) 8.7	D.O. (mg/l) 11.4	D.O. (% sat.) 98.2	pH (su) 8.0	Conductivity (umhos/cm) 598	Transparency (cm)
-------------------------------	----------------------------	------------------------------	-----------------------	---------------------------------------	--------------------------

Water Color ☐ Clear ☐ Turbid ☒ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☒ Fast (> 0.5 m/s)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.8	Average Stream Width of reach (m) 6
--	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): <u>10</u>	Rubble (tennisball to basketball): <u>40</u>	Gravel (ladybug to tennisball): <u>40</u>
-----------------------	--	--	---

Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
------------------------	--------------------	-------------------------	--------------------------------------

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

Embeddedness of Substrate at Sample Site (%) <u>10</u>	Canopy Cover at Sample Site (%) <u>100</u>
---	---

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

Comments

Special Instructions for Laboratory

3A = 51⁵¹

2D = 77

Total = 128

For Lab Use Only

Sample Sorter Murray Steinhilber	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 3/7/2000	Specimens Saved Subsample archived in BBL until Aug 2023	

Taxonomist: Dimick, Jeffrey

Page 1 of 1

[illegible]