

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name MECAN RIVER		Waterbody ID Code 155000	Sample ID (YYYYMMDD-CY-FD) 20161005-70-01
Sampling Location US HWY 21		Database Key 133649591	
SWIMS Station ID 10038885		SWIMS Station Name MECAN RIVER HWY 21 UPSTREAM	
Latitude 44.029625	Longitude -89.443886	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER FOX		Watershed Name MECAN RIVER	County WAUSHARA

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 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) 2	Estimated Area Sampled (m ²) 1.5	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (°C) 55.3	D.O. (mg/l) 8.23	D.O. (%sat.) 78.5	pH (su) 7.75	Conductivity (umhos/cm) 377.8	Transparency (cm) 120
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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) 0.35	Average Stream Width of reach (m) 4.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 5 Gravel (ladybug to tennisball): 70
 Sand: 15 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 60