

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

Station Summary

Waterbody Name CHAFFEE CREEK		Waterbody ID Code 155900	Sample ID (YYYYMMDD-CY-FD) 20191009-39-03
Sampling Location @ foot access			Database Key 209690579
SWIMS Station ID 10010715	SWIMS Station Name CHAFFEE CREEK - INTERSTATE 39 IBI STATION3		
Latitude Same as SWIMS	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) UPPER FOX		Watershed Name MECAN RIVER	Datum Used if using GPS WGS84 or NAD83
County MARQUETTE			

Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 2019
Sampling Device	
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate
<input type="checkbox"/> Eckman	<input type="checkbox"/> Hess Sampler
<input type="checkbox"/> Other: _____	

Habitat Sampled

<input type="checkbox"/> Riffle	<input checked="" type="checkbox"/> Run	<input type="checkbox"/> Pool
<input type="checkbox"/> Other	<input type="checkbox"/> Shoreline Composite	<input type="checkbox"/> Proportionally-Sampled Habitat
<input type="checkbox"/> Littoral Zone	<input type="checkbox"/> Profundal Zone	<input type="checkbox"/> Wetland

Total Sampling Time (min) 3	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

<input type="checkbox"/> Least Impacted Reference	<input type="checkbox"/> Baseline	<input type="checkbox"/> Impact / Treatment Site
<input type="checkbox"/> Control Site	<input type="checkbox"/> Trend	<input checked="" type="checkbox"/> Other: _____

Water Temp. (C) 12.25	D.O. (mg/l) 10.9	D.O. (% sat.) 103.7	pH (su) 8.12	Conductivity (umhos/cm) 287.5	Transparency (cm) 120
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 50

Sand: 10 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 (%)** 20