

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name CHUB CREEK		Waterbody ID Code 1342300		Sample ID (YYYYMMDD-CY-FD) 20171206-42-01	
Sampling Location ~ 7m DS of Hwy 16 culvert				Database Key 150694627	
SWIMS Station ID 10037665		SWIMS Station Name CHUB CREEK AT CTH 16			
Latitude 43.953224	Longitude -90.545845	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) LOWER WISCONSIN		Watershed Name LITTLE LEMONWEIR RIVER		County MONROE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) CAMILLE BRUHN			Project Name WEST DISTRICT FOLLOW UP MONITORING FOR IMPAIRME		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<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) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1		Replicate No. 1 of 1	
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: Follow-up site	
Water Temp. (C)	D.O. (mg/l)	D.O. (%sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) 0.3		Average Stream Width of reach (m) 1.5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 50		Rubble (tennisball to basketball): 10	
Sand: _____		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (_____): _____		Overhanging Vegetation: 40		Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 30			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	Water-shed	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	N	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
Physical			Point Source - Specify:	N	U
Bank Erosion	PL	PL	Pasturing of Livestock	PL	PL
Channelization: - Upstream	N	U	Runoff: - Barnyard	N	U
- Downstream	PL	U	- Construction	N	U
Hydraulic Scour / Channel Incision	N	U	- Cropland	PL	PH
Impoundment: - Upstream	N	N	- Urban	N	U
- Downstream	PL	PL	Septic Systems	U	U
Low Flow	N	U	Tile Drainage - Organic Soils	U	U
Sedimentation	PL	U	- Mineral Soils	U	U
Sludge	N	U	Springs	U	U
Thermal	U	U	Tributary(s)	PL	U
Turbidity	U	U	Wetland	PL	U
Other - Specify:			Other - Specify:		

Comments *Sampled ~ 7m DS of Hwy 16 culvert. No riffles present, but there were some larger rocks & overhanging vegetation to be sampled. Riparian buffer US of culvert was good & DS was good on right bank, but a livestock pasture was on the DS left bank after a short riparian buffer. There is a tributary that enters the stream US of Hwy 16. Stream surrounded by reed canary grass & wetland area US of Hwy 16.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Cadie Olson</i>	Taxonomist <i>Nimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>27%</i>
Date Processed <i>2/8/18</i>	Specimens Saved <i>Subsample archived in ABL until Apr 2021</i>	

A1: 48 E2: 35
 C2: 31
 B3: 23

