

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 5021600	Sample ID (YYYYMMDD-CY-FD) 20161004-45-02

Sampling Location	Database Key 133775353
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SWIMS Station ID 10047151	SWIMS Station Name UNT TO FOX RIVER DS SUNSET PARK STORMWATER POND
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Latitude 44.2744382	Longitude -88.3464495	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER FOX	Watershed Name PLUM AND KANKAPOT CREEKS	County OUTAGAMIE
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Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name GARNER'S CREEK TWA [HUC12] 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) 5	Estimated Area Sampled (m²) 3	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 16.12	D.O. (mg/l) 6.8	D.O. (% sat.) 69.8	pH (su) 7.5	Conductivity (umhos/cm) 927	Transparency (cm) 81
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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 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) 0.15	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 10 Clay: 10 Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (): _____
 Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 80

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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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

For Lab Use Only

Sample Sorter <i>Cadie Olson</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>10/31/16</i>	Specimens Saved <i>Subsample retained in ABE archives until Jan 2020</i>	

CI: 84

A1:101
 = 185