

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name EAGLE CREEK	Waterbody ID Code 759500	Sample ID (YYYYMMDD-CY-FD) 20191105-52-01
Sampling Location @ Hwy N		Database Key 208175043

SWIMS Station ID 10032439	SWIMS Station Name EAGLE CREEK AT CTH N DOVER		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) FOX (IL)	Watershed Name MIDDLE FOX RIVER - ILLINOIS		County RACINE

Sample and Site Descriptors	
Sample Collector (Last Name, First) Susan Rei	Project Name MIDDLE ILLINOIS FOX RIVER TWA 2019 SABRE

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) 23 min	Estimated Area Sampled (m ²) 1 m ²	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
-------------------------------------	--	-------------------------------------	------------------------------------

Reason For Sampling

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

Water Temp. (C) 6.07	D.O. (mg/l) 12.25	D.O. (% sat.) 99.0	pH (su) 6.49	Conductivity (umhos/cm) 815.0	Transparency (cm) 120	703 / 5233
-------------------------	----------------------	-----------------------	-----------------	----------------------------------	--------------------------	------------

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) 0.9 m	Average Stream Width of reach (m) 4.4 m
---	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20% Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: 10% Overhanging Vegetation: 100%
 Aquatic Macrophytes: _____ Leaf Snags: 10% Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 10% Canopy Cover at Sample Site (%) 0%

Eagle Creek @ Hwy N
 20191105-52-01
 Station # 10032439
 Sabre, Rachel

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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
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>Coash, Natalie</i>	Taxonomist <i>Dimmock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>11.6%</i>
Date Processed <i>12/23/2020</i>	Specimens Saved <i>Subsample archived in ABC unit 1 Feb 2024</i>	

B2:3-20 B2:4 + D2:2 - 55 ~~D2:3~~
D2:1-16 B2:1 + D2:4 - 20
B2:2-15

126

