

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name PEBBLE BROOK		Waterbody ID Code 769500	Sample ID (YYYYMMDD-CY-FD) 20181115-68-04
Sampling Location		Database Key 169406768	
SWIMS Station ID 683232		SWIMS Station Name PEBBLE BROOK AT GLENDALE RD (BI)	
Latitude 42.9484734	Longitude -88.2456981	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 WAUKESHA

Sample and Site Descriptors	
Sample Collector (Last Name, First) RACHEL SABRE	Project Name MIDDLE ILLINOIS FOX RIVER TWA 2018 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) 1min	Estimated Area Sampled (m ²) 1m²	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 middle fox**

Water Temp. (C) 15.7	D.O. (mg/l) 12.78	D.O. (% sat.) 94.0	pH (su) 7.99	Conductivity (umhos/cm) 1216	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) 0.15m	Average Stream Width of reach (m) 8.6m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): **10%** Gravel (ladybug to tennisball): **10%**
 Sand: **15%** Clay: _____ Silt/Muck: **30%** Overhanging Vegetation: **10%**
 Aquatic Macrophytes: **15%** Leaf Snags: **10%** Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) **30%** Canopy Cover at Sample Site (%) **20%**

**Pebble Brook @ Glendale Road
 Station #683232
 Sample 1 of 1
 Rachel Sabre
 20181115-68-04**

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				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 Abby Adams	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 4-26-19	Specimens Saved Subsample archived in ABL under Jvl 2022	

B1 D3
 80 94
 Total = 174