

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WEST BRANCH BLUE MOUNDS CREEK		Waterbody ID Code 1250400	Sample ID (YYYYMMDD-CY-FD) 20161004-25-01
Sampling Location			Database Key 135786219
SWIMS Station ID 10028738		SWIMS Station Name WEST BRANCH BLUE MOUNDS CREEK AT FRAME ROAD	
Latitude 43.1111	Longitude -89.85816	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name MILL AND BLUE MOUNDS CREEK	County IOWA

Sample and Site Descriptors

Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SOUTHERN DISTRICT FOLLOW UP MONITORING FOR IMPA
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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) 3.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 11.5	D.O. (mg/l) 13.1	D.O. (% sat.) 118	pH (su) 8.1	Conductivity (umhos/cm) 561	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

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

Sand: 10 Clay: 10 Silt/Muck: 10 Overhanging Vegetation: 10

Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: 50 Other (): _____

Embeddedness of Substrate at Sample Site (%) _____ 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	U	U	Chlorine	N	
- Filamentous Algae	PH	PH	Dissolved Oxygen		
- Planktonic Algae	PH	PH	Nutrients (P, N...)	PH	PH
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	
Physical			Pasturing of Livestock	N	
Bank Erosion	PH		Runoff: - Barnyard	N	
Channelization: - Upstream	N		- Construction	N	
- Downstream			- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N		- Urban	N	N
Impoundment: - Upstream			Septic Systems	N	
- Downstream			Tile Drainage - Organic Soils		
Low Flow	N		- Mineral Soils		
Sedimentation	PH	PH	Springs		
Sludge	N		Tributary(s)		
Thermal			Wetland		
Turbidity	PH	PH	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Bonnie Richards</i>	Taxonomist <i>Kaira Kamke</i>	Estimated Percent of Sample Sorted
Date Processed <i>12-18-16</i>	Specimens Saved	

*I: 9 B2: 24 E1: 16 A2: 10
 E2: 11 B3: 9 A1: 14 D3: 17
 R1: 13 C2: 20 (143)*