State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
SPRING BROOK	1440800	20161005-34-07

Sampling Location	**Database Key**
@ STH 64 - upstream	133642151

SWIMS Station ID	**SWIMS Station Name**
343111	SPRING BROOK - HIGHWAY 64 /UPSTREAM OF BRIDGE NORTH SIDE OF STREAM

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
45.16253	-89.12802	SWIMS SWDV (GPS)	WGS84 or (NAD83)

Basin (WMU)	**Watershed Name**	**County**
CENTRAL WISCONSIN	SPRINGBROOK CREEK	LANGLADE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
~~JAMES KLOSIEWSKI~~ Joe Cunningham	NORTH DISTRICT NC STREAM STRATIFIED SITES 2016

Sampling Device

- [x] Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [x] Riffle combo
- [x] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** ___ **of** ___
1 min.	1 m^2	3-20 second kicks	Replicate No. 1 of 1

Reason For Sampling

- [ ] Least Impacted Reference
- [x] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [ ] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (%sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
11.9	9.8	90.2	probe issue	413	>120

Water Color

- [x] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [x] 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)**	**Average Stream Width of reach (m)**
	0.25	3.5 m

Composition of Substrate Sampled (Percent):

Bedrock:	Boulders (basketball or larger):	Rubble (tennisball to basketball): 30	Gravel (ladybug to tennisball): 30
Sand: 20	Clay:	Silt/Muck:	Overhanging Vegetation:
Aquatic Macrophytes: 20	Leaf Snags:	Coarse Woody Debris:	Other (_____):

Embeddedness of Substrate at Sample Site (%) 30% **Canopy Cover at Sample Site (%)** 0%

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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
Biological		
Algae: - Diatoms / Periphyton		
- Filamentous Algae		
- Planktonic Algae		
Iron Bacteria		
Macrophytes		
Slimes		
Other - Specify:		
Physical		
Bank Erosion	U	U
Channelization: - Upstream		
- Dow nstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Dow nstream	U	U
Low Flow		
Sedimentation		
Sludge		
Thermal		
Turbidity		
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine		
Dissolved Oxygen		
Nutrients (P, N...)		
Toxics: - Inorganic (Metals)		
- Organic (PCBs, pesticides...)		
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	U	U
Point Source - Specify:		
Pasturing of Livestock		
Runoff: - Barnyard		
- Construction		
- Cropland		
- Urban		
Septic Systems		
Tile Drainage - Organic Soils		
- Mineral Soils		
Springs		
Tributary(s)		
Wetland	U	
Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Andrew Kohlmann	Dimick, Jeffrey	7%
Date Processed	**Specimens Saved**	
5/1/17	Subsample archived in ABS until Oct 2020	

02270