

Instructions: Bold fields must be completed.

Station Summary

| | | |
|-------------------------------------------|-----------------------------------|-----------------------------------------------------|
| Waterbody Name WATERCRESS CREEK | Waterbody ID Code 39000 | Sample ID (YYYYMMDD-CY-FD) 20161021-60-04 |
|-------------------------------------------|-----------------------------------|-----------------------------------------------------|

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| Sampling Location 1st Riffle US of Station Start | Database Key 134807311 |
|------------------------------------------------------------|----------------------------------|

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| SWIMS Station ID 10008873 | SWIMS Station Name WATERCRESS CREEK - UPSTREAM OF WATERCRESS ROAD |
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|-----------------------------|-------------------------------|------------------------------------------------------------------------|---------------------------------------------------------|
| Latitude 43.71688 | Longitude -88.13028 | Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u> | Datum Used if using GPS WGS84 or <u>NAD83</u> |
|-----------------------------|-------------------------------|------------------------------------------------------------------------|---------------------------------------------------------|

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|---------------------------------------|-------------------------------------------------------------|----------------------------|
| Basin (WMU) MILWAUKEE RIVER | Watershed Name EAST AND WEST BRANCHES MILWAUKEE R | County SHEBOYGAN |
|---------------------------------------|-------------------------------------------------------------|----------------------------|

Sample and Site Descriptors

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|-----------------------------------------------------------|-----------------------------------------------------------------------|
| Sample Collector (Last Name, First) DYLAN OLSON | Project Name SER LONG-TERM TREND WADEABLE REFERENCE STREAMS |
|-----------------------------------------------------------|-----------------------------------------------------------------------|

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) 1 min | Estimated Area Sampled (m²) 1 m ² | Number of Samples in Composite 1 | Replicate No. 1 of 1 |
|-------------------------------------------|-------------------------------------------------------------------|--------------------------------------------|------------------------------------|

Reason For Sampling

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

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|--------------------------------|---------------------------|------------------------------|-----------------------|-----------------------------------------|----------------------------------|
| Water Temp. (C) 10.5 | D.O. (mg/l) 9.9 | D.O. (% sat.) 91.3 | pH (su) 7.4 | Conductivity (umhos/cm) 762.8 | Transparency (cm) 120+ |
|--------------------------------|---------------------------|------------------------------|-----------------------|-----------------------------------------|----------------------------------|

| | |
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| Water Color <input checked="" type="checkbox"/> Clear <input 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) .15 m | Average Stream Width of reach (m) 3.0 m |
|-------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 75
 Sand: 25 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 30 **Canopy Cover at Sample Site (%)** 50