

Instructions: Bold fields must be completed.

Station Summary

| | | |
|-------------------------------------------------|-------------------------------------|-----------------------------------------------------|
| Waterbody Name JUNCTION CREEK @ CTH B | Waterbody ID Code 2953700 | Sample ID (YYYYMMDD-CY-FD) 20161013-64-03 |
| Sampling Location | | Database Key 133642115 |

| | |
|-------------------------------------|------------------------------------------------------------------|
| SWIMS Station ID 10047122 | SWIMS Station Name JUNCTION CR APP. 63 M US FROM CTH-B |
|-------------------------------------|------------------------------------------------------------------|

| | | | |
|-----------------------------|-------------------------------|------------------------------------------------------------------------|---------------------------------------------------------|
| Latitude 46.22026 | Longitude -89.67722 | 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) LAKE SUPERIOR | Watershed Name PRESQUE ISLE RIVER | County VILAS |
|-------------------------------------|---------------------------------------------|------------------------|

Sample and Site Descriptors

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

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) 1.5 m ² | Number of Samples in Composite 3-30 second | Replicate No. _____ of _____ |
|-------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|

Reason For Sampling

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

| | | | | | |
|-------------------------------|----------------------------|------------------------------|----------------|--------------------------------------|----------------------------------|
| Water Temp. (C) 8.2 | D.O. (mg/l) 12.1 | D.O. (%sat.) 102.5 | pH (su) | Conductivity (umhos/cm) 15 | Transparency (cm) >120 |
|-------------------------------|----------------------------|------------------------------|----------------|--------------------------------------|----------------------------------|

| | |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained | Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s) |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | |
|--------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Measured Velocity circle units m/s or f/s | Average Stream Depth of reach (m) 0.25m | Average Stream Width of reach (m) 3.5m |
|--------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 40 20
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 20
 Aquatic Macrophytes: 10 Leaf Snags: 10 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 15 **Canopy Cover at Sample Site (%)** 80