

Instructions: Bold fields must be completed.

Station Summary

| | | |
|----------------------------------|------------------------------------|---|
| Waterbody Name UNNAMED | Waterbody ID Code 904700 | Sample ID (YYYYMMDD-CY-FD) 20161010-25-06 |
|----------------------------------|------------------------------------|---|

| | |
|---|----------------------------------|
| Sampling Location 10 m upstream of County Line Rd | Database Key 135064881 |
|---|----------------------------------|

| | |
|-------------------------------------|---|
| SWIMS Station ID 10046798 | SWIMS Station Name UNNAMED TRIB (904700) TO YELLOWSTONE R AT COUNTY LINE RD |
|-------------------------------------|---|

| | | | |
|-----------------------------|------------------------------|--|--|
| Latitude 42.81292 | Longitude 89.96799 | Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u> | Datum Used if using GPS WGS84 or NAD83 |
|-----------------------------|------------------------------|--|--|

| | | |
|--|--|----------------------------|
| Basin (WMU) SUGAR - PECATONICA | Watershed Name YELLOWSTONE RIVER | County LAFAYETTE |
|--|--|----------------------------|

Sample and Site Descriptors

| | |
|--|---|
| Sample Collector (Last Name, First) AMRHEIN, JAMES | Project Name YELLOWSTONE RIVER TWA [HUC10] 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 | Estimated Area Sampled (m²) 1 | Number of Samples in Composite 1 | Replicate No. _____ of _____ |
|---------------------------------------|--|--|-------------------------------------|

Reason For Sampling

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

| | | | | | |
|--------------------------------|----------------------------|------------------------------|------------------------|---------------------------------------|--------------------------------|
| Water Temp. (C) 13.8 | D.O. (mg/l) 10.3 | D.O. (% sat.) 99.7 | pH (su) 8.15 | Conductivity (umhos/cm) 666 | Transparency (cm) 40 |
|--------------------------------|----------------------------|------------------------------|------------------------|---------------------------------------|--------------------------------|

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

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 40

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

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

Embeddedness of Substrate at Sample Site (%) 0 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 | | | | 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: | | | |
| | | | | Pasturing of Livestock | | | |
| Physical | | | | Runoff: - Barnyard | | | |
| Bank Erosion | | | | - Construction | | | |
| Channelization: - Upstream | | | | - Cropland | | | |
| - Downstream | | | | - Urban | | | |
| Hydraulic Scour / Channel Incision | | | | Septic Systems | | | |
| Impoundment: - Upstream | | | | Tile Drainage - Organic Soils | | | |
| - Downstream | | | | - Mineral Soils | | | |
| Low Flow | | | | Springs | | | |
| Sedimentation | | | | Tributary(s) | | | |
| Sludge | | | | Wetland | | | |
| Thermal | | | | Other - Specify: | | | |
| Turbidity | | | | | | | |
| Other - Specify: | | | | | | | |

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | |
|----------------------------------|---|---|
| Sample Sorter Andrew Kohlmann | Taxonomist Dimick, Jeffrey | Estimated Percent of Sample Sorted 20% |
| Date Processed 1/26/17 | Specimens Saved Subsample archived in dBL until May 2020 | |

D3 51
 E2 112
 B2-148