

Wisconsin Reference Spring Field Monitoring Data Form

| Data | Description | Field Notes |
|----------------------------------|---|--|
| Date & Time | Current Date and Time | 10/23/24 11:45 |
| Spring Name | Reference Spring Name | Three Springs |
| County | County spring is Located In | Door |
| Station ID | SWIMS Station ID | 10051656 |
| Surveyors | Staff in the Field | Mary Gansberg (Claire Heterly, Katherine Rynish) |
| Air Temperature | Temperature Listed in °C or °F | 53 °F |
| Percent Cloud Cover | Cloud Cover Expressed as a Percentage | 75% |
| Wind Speed | Estimation of Current wind speed (mph)(Weather App) | 5 mph |
| Spring Area Square Meters | Square Meters of Spring Area, where water is being discharged from the ground | |
| Width Location | location where spring/stream width is measured (Ex. Pool or Channel) | |
| Spring Width | Width of springs area (ft or m) | |
| Spring Depth | Depth of Spring where water is being discharged from the ground (cm) | |
| Substrate Organic Matter Percent | Percentage of the Substrate that is Organic Matter | |
| Substrate Fines Percent | Percentage of the Substrate that is Fines (Clay) | |
| Substrate Sand Percent | Percentage of the Substrate that is Sand | |
| Substrate Gravel Percent | Percentage of Substrate that is Gravel (2-64 mm) | |
| Substrate Cobble Percent | Percentage of Substrate that is Cobble (64-256 mm) | |
| Substrate Boulder Percent | Percentage of Substrate that is Boulders (>256 mm) | |
| Substrate Bedrock Percent | Percentage of Substrate that is exposed Bedrock | |
| Vegetation Bank Cover Percent | Percentage of the spring bank that has vegation growth | |
| Vegetation Bed Cover Percent | Percentage of the spring bed that has vegation growth | |
| Spring Conductivity | Conductivity of the spring where water is being discharged from the ground (µS) | 581 |
| PH | Spring water PH where water is being discharged from the ground | 7.0 |
| Water Temperture | Temperature Listed in °C | 10.3 |
| Total Alkalinity (Field Test) | Total Alkalinity (ppm) (See direction in box) | 185 |
| Springs Discharge | Discharge measurement of the spring with calibrated flow meter (cfs) | 0.20 cfs |
| Dissolved Oxygen (mg/l) | | 7.18 |
| % Saturation D.O. | | 19.5 |
| Thermister | SN deployed/SN retrieved | yes |