January 18, 2022

Wisconsin Reference Spring Field Monitoring Data Form

Data	Description	Field Notes
Date & Time	Current Date and Time	1-18-2022 11:00 a.m.
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
Air Temperature	Temperature Listed in °C or °F	27°F
Percent Cloud Cover	Cloud Cover Expressed as a Percentage	100% - snowing
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)	~5cm
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)	596
PH	Spring water PH where water is being discharged from the ground	7.2
Water Temperture	Temperature Listed in °C	7.9°C
Total Alkalinity (Field Test)	Total Alkalinity (ppm) (See direction in box)	
Springs Discharge	Discharge measurement of the spring with calibrated flow meter (cfs)	0.87 cfs
Dissolved Oxygen (mg/l)		5.0
% Saturation D.O.		41.6%
Thermister	SN deployed/SN retrieved	

Water levels low. Flow from #2 = 0. ice covered.