

Monitoring Stations

What is a monitoring station?

A monitoring station represents the general physical location where monitoring occurs. Examples can include a stream at a road crossing; a lake at the deepest point.

What is a monitoring location in SWIMS?

A monitoring location is the exact location (latitude/longitude, for example) where a specific fieldwork event took place.

Station Name

- Waterbody Name – Description
- Keep the naming general because someone else may also use this station in the future
- Don't use ALL CAPITAL LETTERS
- Try not to use excessive punctuation - . , : ;
- No commas
- If it is an unnamed tributary the WBIC must be included with the description: Ex. Unnamed Trib (957400) to Rattlesnake Cr at STH 81
- Use abbreviations
 - County Highway = CTH
 - Upstream = US of
 - Downstream = DS of
 - Tributary = Trib
 - Creek = Cr
 - Trail = Tr
 - Road = Rd
 - Street = St
 - State Highway = STH

Long Description (we would add this new field in SWIMS)

The description must be adequate to describe the exact location of the station. The description should not include directions to the station relative to landmarks, but should be concise and include enough specific information to allow someone to locate the station on a map with 25-meter accuracy. The name of the water body must be noted first, followed by relative location such as river

meters/kilometers downstream or upstream of a named or numbered road or tributary, preferably followed by the distance to a city or named feature on a map.

Facility

- examples

Great Lake

- examples

Lakes

- **The primary station is typically the Deep Hole**
- **If you want additional stations around a lake, use Lake Name + corner of lake (Smith Lake NW corner or Smith Lake – Western Bay)**
- **What about locations where there is no good description (i.e. many non-descript points)?**

Suggest using an “area” monitoring station, with a monitoring location for each fieldwork event

River/Stream

- Waterbody Name + distance and directionality if there is any + road crossing
 - Unnamed Trib (957400) to Rattlesnake Cr at STH 81

Wetland

- Examples
- What about purple loosestrife stands?

Wetland Location - Near Yellow River Upstream of Hector Dam Road