

Protocol for Hoffler Creek Water Sampling

Four sites have been previously chosen and are listed on the map provided.

Sampling Method:

-Sterile glass jars are used from HRSD

1. Record date, time, and initials of person sampling on the jar where indicated. Record the date and time on the Chain of Custody sheet.
2. Attach sampling jar securely to the swing sampler pole provided.
3. Submerge the glass jar. Rinse the jar twice with water before collecting sample. Make sure not to disturb the bottom of the creek.
4. To check for pH of the sample, use the Oakton machine. Take the pH probe out of the storage solution and place into the sample. Allow for the reading to stabilize once in the sample. Record data and clean probe with DI water. Place probe back into storage solution.
5. To check for temperature of the sample, use the Oakton machine. Take the temperature probe and place into the sample. Allow for the reading to stabilize once in the sample. Record data. Clean probe with DI water.
6. To check the salinity of the sample, use the VEEGEE Portable Refractometer. Clean the lens on the refractometer with a lens wipe to remove any residue. Use a pipette to extract water from sample jar. Place sample on the lens and pull down the cover over the sample. Look into the eyepiece and record data. Wipe off lens with DI water to remove sample.
7. Place sample on ice. After all samples have been taken, take to HRSD laboratory.