

Darby & Cobbs Creek Community Science Monitoring Program

Site Visit Checklist

- ☐ Fill out the date, time, weather conditions, and site ID on your data sheet.
- ☐ Use wunderground.com or a weather app to record the current air temperature and precipitation over the last 24 hours. Precipitation data can be completed before or after the site visit if necessary.
- ☐ Make sure your conductivity meter was recently calibrated. This can be completed before the site visit.
- ☐ Use the conductivity meter to record conductivity in $\mu\text{S}/\text{cm}$ and temperature ($^{\circ}\text{C}$ or $^{\circ}\text{F}$).
- ☐ Use a pH strip to record the stream's pH (**new sites only - this protocol is being phased out**).
- ☐ Take a photo of the pH strip with the color chart.
- ☐ **If Collecting Nitrate Data:** Use a nitrate strip to record the stream's nitrogen levels. Read the strip against the color chart 30 seconds after it has been dipped in the water and held flat.
- ☐ Take a photo of the nitrate strip with the color chart. Tape the strip to the data sheet.
- ☐ Use a chloride strip to record a Quantab unit value.
- ☐ Use the conversion table to convert Quantab units to Cl^{-} ppm and %NaCl. Record these values on your datasheet.
- ☐ **Take a photo of the chloride strip with the conversion table.**
- ☐ Use tape to attach chloride strip to the datasheet.
- ☐ Take photos to document any changes upstream and downstream of your site.
- ☐ Observe and record qualitative water quality data on your datasheet
- ☐ Record anything notable in the notes section of your datasheet.
- ☐ Take a photo of the completed data sheet with attached chloride and nitrate strips
- ☐ Safely pick up any trash at your site.

After the Visit

- ☐ Use the Google form to enter all of your data and upload your photos.