



## Catch the Hatch Observation Day Overview (See protocol for more details)

### A. Prepare

Plan a time when you can visit a designated project site for at least 30 minutes. During this time, plan to fish, recreate, and enjoy your watershed, while also keeping an eye out for mayfly emergence and recording observations.

#### From Project-Provided Kit:

1. Data sheet and/or mobile application
2. Sampling protocol
3. ID Guide
4. Net
5. Vial pre-filled with ethanol & labels
6. Thermometer

#### From Data Catcher:

7. Timer/ watch/ phone
8. Pencil

### B. Choose a Timeframe (or both!)

Visit a designated project site for at least 30 minutes between 11am and sundown to record observations of both Pale Morning Dun (PMD) adults and sub adults. If possible, give priority to observations during the Tier 1 timeframe. Please remember that observations of “No PMDs Present” are just as important!

- **Tier 1: 11am to 2pm.** During this time, you will be looking for sub adults that have a characteristic “pale” appearance.
- **Tier 2: 2pm to sundown.** During this time, you will be looking for sub adult or adult forms. Adults have a darker appearance with clear wings.

An ID guide will be provided to all Data Catchers with images of PMD sub adults, adults, and look-alikes!

### C. Collect Data

On-site data collection by Data Catchers will include site information, one water temperature measurement, time-stamped observations of sub adult and adults PMDs, and one captured PMD sample that will be stored in a project-provided vial. Data can be recorded on the project’s mobile application and/or a data sheet.

### Contact Us:

- For questions, comments, or assistance, please contact Project Coordinator, Deb Hummel, at [dhummel@lwog.org](mailto:dhummel@lwog.org) or 720-818-4573