

FIELD LOG –

Weeks of May 19 and May 26, 2014

- Recent rain the week of May 19 has again increased flows on major rivers throughout the state. As flows decreased the week of May 26 on the Susquehanna and Juniata rivers, the second round of maintenance of continuous instream monitors (CIMs) at most core large river sites has been completed. CIMs were deployed on the Susquehanna River at Marietta and Harrisburg and on the Juniata River at Newport and the Lewistown Narrows. The data continues to show that pH and dissolved oxygen levels have not been stressful thus far.
- Pre-spawn adult smallmouth bass have been and continue to be collected. Collections have been complete at locations including the Allegheny River at Franklin, the Susquehanna River at Marietta, the Susquehanna River at Sunbury, Chillisquaque Creek, Pine Creek (Lycoming County), Loyalsock Creek and Bald Eagle Creek. Pre-spawn bass will be tested for contaminants and thiamine (Vitamin B).

- Passive samplers that collect emerging contaminant information have been deployed in previous weeks at all proposed Susquehanna River locations. Out-of-basin deployments were successfully completed on the Delaware River at Morrisville and the Allegheny River at Franklin the week of May 26.
- Sediment contaminant samples have also been collected at all Susquehanna River locations. Out-of-basin collections were successfully completed the week of May 26. Sediment samples are being collected in smallmouth bass young-of-year habitats.