





General Aquatic Life Use

Biological status based on NJIS or Fish IBI alone may lead to a use attainment decision of impairment

Where biological data is not available, evaluation can be made on water chemistry

Minimum dataset required for Aquatic Life assessment based on water chemistry: pH, dissolved oxygen, temperature, total phosphorus, total dissolved solids, total suspended solids







Enhancements to Freshwater Aquatic Assessments for 2006

Combining Fin Fish, Benthic Invertebrate, and Instream Chemistry Data



Aquatic Life Assessment within Pinelands (PL) Waters

- Developed by the Pinelands Commission
- Based on stream vegetation, finfish, and anuran assemblages
- New methodology is expected for the 2008 Integrated List







Trout waters are assessed for General Aquatic Life & Trout Status

- based upon biological assessments and instream DO and temperature data
- if data show nonimpaired conditions, violations of other chemical parameters will be evaluated by "weight of evidence.
- full dataset: Full or Non Support
- incomplete dataset: Insufficient data











