

Lake Planning Checklist

1. ____ An assessment of the lake's historical water quality, including at least one year of current base line limnological data.
2. ____ An identification of the water quality problems or threats to lake water quality including degradation of fish habitat and wetlands caused by nonpoint sources of pollution in the watershed.
3. ____ An assessment of the lake's fishery and aquatic habitat including the extent of the lake area covered by aquatic plants and a characterization of the shoreline habitat and any known ecological relationships.
4. ____ An identification of the need for the protection and enhancement of fish and wildlife habitat, endangered resources, aesthetics or other natural resources.
5. ____ An assessment of the lake's watershed including:
 - a. ____ A description of land uses listing each land use classification as a percentage of the whole and an estimate of the amount of nonpoint pollution loading produced by each category.
 - b. ____ Identification and ranking of the most significant nonpoint source types and contributing areas.
 - c. ____ A listing of known point sources of pollution affecting the lake or that have affected the lake.
 - d. ____ A characterization of the habitat conditions and any known ecological relationships.
 - e. ____ A description of the institutional framework affecting management of the lake including, local government jurisdictional boundaries, plans, ordinances including an analysis of the need for adoption of local ordinances for lake protection.
6. ____ A summary of the historical uses of the lake, including recreational uses up to the time of application, and how these uses may have changed because of water quality or habitat degradation.
7. ____ A description of any other problems or issues perceived to need management actions.
8. ____ A description of any management actions taken or are in progress.
9. ____ Identification of objectives to maintain or improve the lake's water quality, fisheries, aquatic habitat and recreational and other uses.
10. ____ Identification of target levels of control and resource protection needed to meet the objectives.
11. ____ Identification and discussion of the alternative management actions considered for pollution control, lake restoration or other management including expected results.
12. ____ An analysis of the need for and a list of the proposed management actions that will be implemented to achieve of the target level of pollution abatement or resource protection.
13. ____ A strategy for tracking, evaluating and revising the plan including water quality monitoring.
14. ____ A plan for operation and maintenance of any structural management practices. The operation and maintenance period shall be for a minimum of 25 years.