

**APPENDIX A HIGH-QUALITY AQUATIC RESOURCES**

The following are descriptions of high-quality aquatic resources:

1. Advanced Identification (ADID) sites: Aquatic sites that have been identified by the U. S. Army Corps of Engineers, Chicago District and U.S. Environmental Protection Agency
2. Bog: A low nutrient peatland, usually in a glacial depression, that is acidic in the surface stratum and often dominated at least in part by the genus *Sphagnum*.
3. Ephemeral pool: A seasonally inundated depression within a forested wetland or upland community, usually located on a moraine, glacial outwash plain, or in an area shallow to bedrock; also known locally as a “vernal pool.” These areas may not be permanently vegetated.
4. Fen: A peatland, herbaceous (including calcareous floating mats) or wooded, with calcareous groundwater flow.
5. Forested wetland: A wetland dominated by native woody vegetation by at least one of the following species or genera: *Carya* spp., *Cephalanthus occidentalis*, *Cornus alternifolia*, *Fraxinus nigra*, *Juglans cinerea*, and *Quercus* spp.
6. Sedge meadow: A wetland dominated by at least one of the following genera: *Carex*, *Calamagrostis*, *Cladium*, *Deschampsia*, *Eleocharis*, *Rhynchospora*, *Scleria*, or *Eriophorum*.
7. Seep: A wetland, herbaceous or wooded, with saturated soil or inundation resulting from the diffuse flow of groundwater to the surface stratum.
8. Streams shown on the most recent USGS quadrangle map as a perennial (solid blue line) or intermittent (dashed blue line) that are not determined to be a Waters of the U. S. If a site specific Index of Biological Integrity (IBI) assessment is lower than 35, this stream reach shall not be considered a HQAR.
9. Streamside marsh: An Isolated Waters of the Village of Homer Glen wetland that is within a 10-year riverine floodplain and dominated by herbaceous species.
10. Wet prairie: A wetland dominated by native graminoid species with a diverse indigenous forb component that is seasonally saturated and/or temporarily inundated.
11. Wetlands supporting Federal or Illinois endangered or threatened species: For current state-listed species, reference Illinois Endangered Species Protection Board’s “Checklist of Endangered and Threatened Animals and Plants of Illinois” and/or contact the Illinois Department of Natural Resources. For Federally-listed species, reference the U.S. Fish and Wildlife Service’s “Endangered and Threatened Wildlife and Plants” list (latest edition) and/or contact the U.S. Fish and Wildlife Service.
12. Wetlands with a Floristic Quality Index of 20 or greater or a mean C-value of 3.5 or greater: Reference Plants of the Chicago Region (F. Swink and G. Wilhelm, 4<sup>th</sup> edition, Indianapolis: Indiana Academy of Science, 1994).
13. Wetlands that are within a designated Illinois Natural Areas Inventory Site (INAI)