



Water Quality

Current information suggests Freeborn Lake fails to meet aquatic recreational use eutrophication standards for shallow lakes (Class 2b) in the Western Corn Belt Plains Ecoregion

- total phosphorous < 90 parts per billion (ppb)
- chlorophyll α , (a measure of algae) < 30 ppb
- Secchi transparency > 2.3 ft).

Summer 2014 Freeborn Lake
Minnesota Department of Natural Resources (single day samples)

- total phosphorous = 375 ppb
- chlorophyll α = 353 ppb
- Secchi transparency = 0.5 feet