

Wildlife Baseline Monitoring Survey Plan for Lake Koshkonong

1. Waterfowl Surveys
 - a. Measure presence absence
 - i. Use hunter bag checks in fall, annual (October – November)
 - ii. Volunteer observation surveys, annual (Fall migration and spring migrations)
 - iii. Winter waterfowl aerial survey, annual if open water found (January)
2. Furbearer Surveys
 - a. Measure presence absence of muskrat populations
 - i. Measure through trap checks with local trappers, annual (Mid October – early March)
3. Marsh Birds
 - a. Measure presence absence and population index with marsh bird survey
 - i. One early morning lake survey documenting all bird species found, including broods. Work with NHC, annual (June – July)
4. All Other Non-Game Species
 - a. Work with NHC for review of their survey data
5. Vegetation and Water Quality Surveys Needed
 - a. Will be completed through other bureau's

Existing Wildlife Survey Data

1. 1947-1988 aerial fall waterfowl survey
2. 2016-2017 Lake Koshkonong user survey

Needed Resources

1. Finances
 - a. Cannot afford to do surveys under local budget
 - b. Estimated cost of surveys based on needed LTE monies, supplies, and aerial cost for annual surveys over 10 years = \$13,980
2. Cooperation with existing hunt clubs, landowners, and conservation groups
3. LTE time and money