

WRE04 Shallow Lake Enhancement



Drawdowns enable

- Rough fish kills
- Bottom sediments to consolidate
- Emergent plants grow from existing seedbank

When water returns to the shallow lake

- New rooted aquatic vegetation grows & becomes established and holds the bottom sediments
- Emergent plants reduce wave action on shoreline and road embankments
- Increases habitat for aquatic invertebrates
- Give food source for waterfowl and other birds
- Decreased nutrients and increased invertebrate population decreases algae
- Clean clear water full of life is the result



Elbow Lake has no impact on County infrastructure, but would be a refuge for fish to recolonize Lake Samantha if both lakes were not drawn down at the same time. Also builds a local habitat complex.

