

## LAKE MANAGEMENT REPORT- SEPTEMBER 2023

**Summary:** In August, the lake experienced significant rainfall, with precipitation exceeding 3 inches, which resulted in continued water flow over the dam. Despite the increased water levels, the lake remains well-balanced with a thriving population of Silver side fish and notably low Carp numbers. Additionally, aquatic grasses continue to thrive, contributing to the overall health of the lake ecosystem. This increased rainfall had notable impacts on the clarity of the water, resulting in temporarily reduced water transparency.

**Rainfall and Water Flow:** September witnessed unprecedented rain, with total precipitation surpassing 3 inches. As a result, water levels within the lake remained sufficiently high, and small amounts of water continued to flow over the dam. This natural outflow helps maintain healthy water circulation.

**Silver Side Fish Population:** The silver side fish population remains extremely high, indicating a balanced ecosystem. Silver sides play a crucial role in controlling insect populations and serving as a food source for our Bass and waterfowl. Their healthy numbers contribute to the overall biodiversity and stability of the aquatic environment.

**Carp Population:** Carp numbers remain notably low in the lake. Maintaining low Carp numbers supports the overall health of the lake and its ecosystem.

**Thriving Aquatic Charra:** Aquatic Charra continues to thrive, covering substantial areas of the lake's inlets. We have been raking up Charra from inlets and spreading it in deeper open areas of the lake to sink and hopefully spread in these areas on the lake floor.

**Concrete Shoreline Repairs:** Patch work continues on cracked and broken shoreline around the lake edge.

**Boat Inspection Booth:** The inspection booth arrived at the lake, Thursday August 31<sup>st</sup> and will be manned very soon. This will ensure every boat and trailer entering the lake is inspected for invasive species and for WLMA registration requirements etc.

**Upcoming Plans for September:**

1. Transition from Emmons Company to PMP Management
2. Well #4 work to commence within next 2-4 weeks
3. Well 3- confirmation of electrical plan from Edison.
4. Shoreline repairs
5. Carp management
7. Water quality monitoring
8. Kayak auditing.
9. Confirmation from Genterra regarding permitting for Dam instrumentation.