

## **1.0 Executive Summary**

Newman Lake is a large 1200-acre lake located 20 miles northeast of Spokane, Washington, near the Washington-Idaho border. Eurasian watermilfoil was first discovered at Newman Lake in September of 2002 in a small area at the southeast end of the lake near the outlet gate. Eurasian watermilfoil is a non-native highly invasive aquatic weed listed on the state noxious weed list. Beginning in 2003 the Newman Lake Flood Control Zone District (NLFCZD) began implementing control efforts with the assistance of an Early Infestation Grant from Washington State Department of Ecology. Control efforts over the last 2 years have included frequent boat and diver surveys, diver hand pulling and herbicide treatment with granular 2,4-D (Aqua-Kleen). The methods used were determined based on staff research and community input for methods that would most effectively control Eurasian watermilfoil given the extent and conditions of the infestation at Newman Lake. These methods also best met the goals of the community to minimize the costs, the impact to recreational uses and the natural ecosystems of Newman Lake.

These efforts have been effective so far in containing Eurasian watermilfoil at Newman Lake. This Plan sets out continuing these control efforts at an estimated average annual cost of about \$15,000 - \$18,000 per year. This is based on a high level of control for the entire shoreline of the Lake. These efforts are required to prevent this highly invasive aquatic weed from having serious impacts on recreational uses, aquatic habitat, water quality, water supply and other nearby water bodies. However, these methods will continually be reviewed for effectiveness. Other control options discussed in the report may be selected in the future as more able to meet the management goals. This will only be done after a thorough staff review and community input.