



# Spokane River Project Lake Spokane Aquatic Weed Program Funding

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# Aquatic Weeds, Why Should You Care?

Invasive Aquatic Weeds degrade lake beneficial uses including:

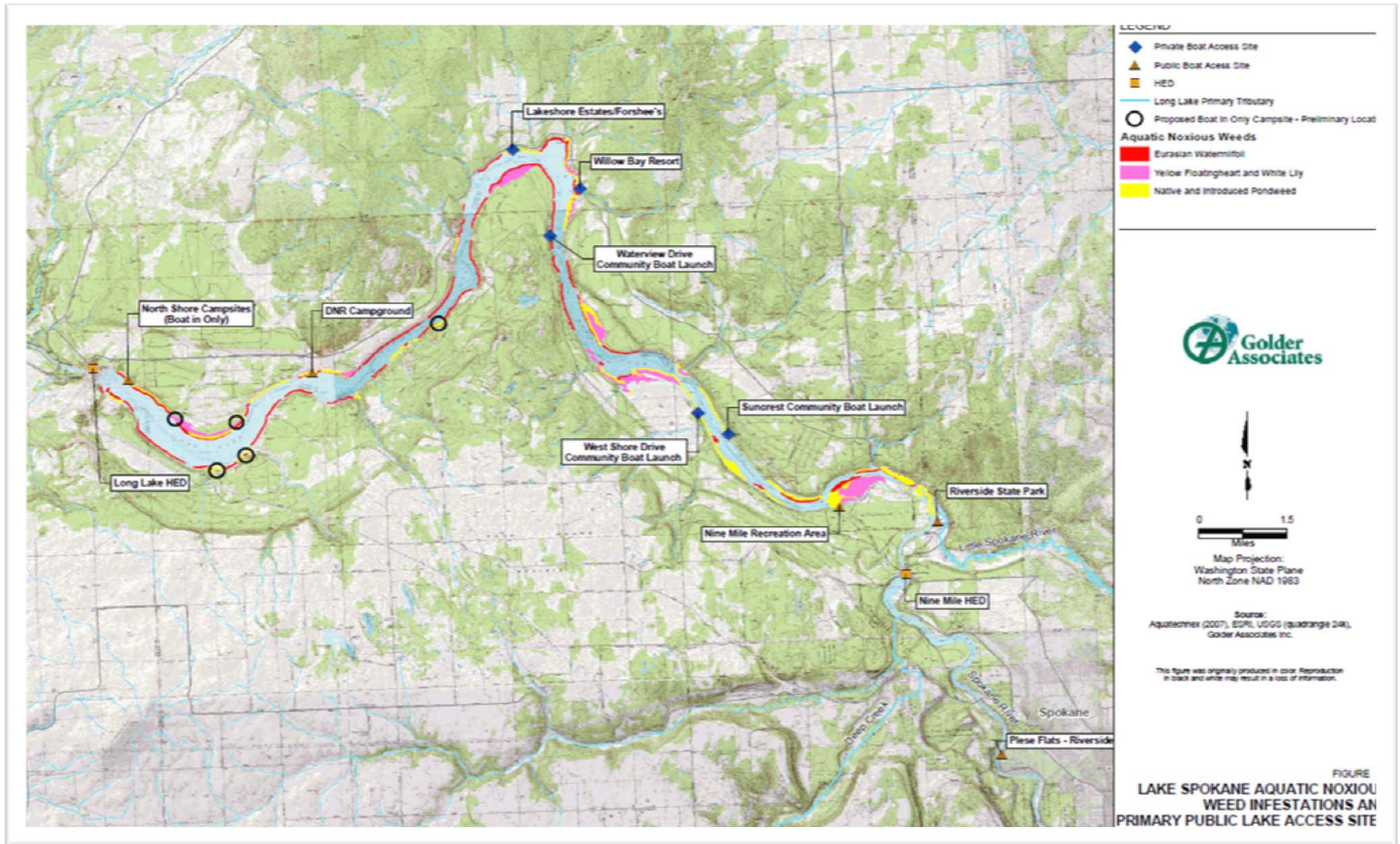
- Recreation
- Fish & Wildlife Habitat
- Water Quality
- Aesthetics

## Goals for the Lake Spokane Aquatic Weed Management Program Funding Include:

- Reducing cover of invasive aquatic weeds at public and community boat access points;
- Maintaining a moderate level of ongoing control of aquatic weeds in areas of 10-14 feet using winter reservoir draw downs; and
- Supporting weed control and facilitate coordination among the entities involved in aquatic weed control.

# Primary Elements of the Lake Spokane and Nine Mile Reservoir Aquatic Weed Management Program Funding

- **Education** - Establish or expand educational programs to keep the public informed of the hazards of invasive aquatic weeds.
- **Monitoring** – Monitor and/or map the distribution of invasive aquatic weeds within the Project area.
- **Management** – Develop strategies to help control invasive aquatic weeds within the Project area.



Approximate area of invasive aquatic weeds on Lake Spokane range from 634 acres (Tetra Tech, 2001) to 715 acres (AquaTechnex, 2007) survey.

# Eurasian watermilfoil (*Myriophyllum spicatum*)



# Curly-leaf pondweed (*Potamogeton crispus*)



## Fragrant Waterlily (*Nymphaea odorata*)





## Yellow Floating Heart (*Nymphoides peltata*)



# Flowering Rush (*Butomus umbellatus*)

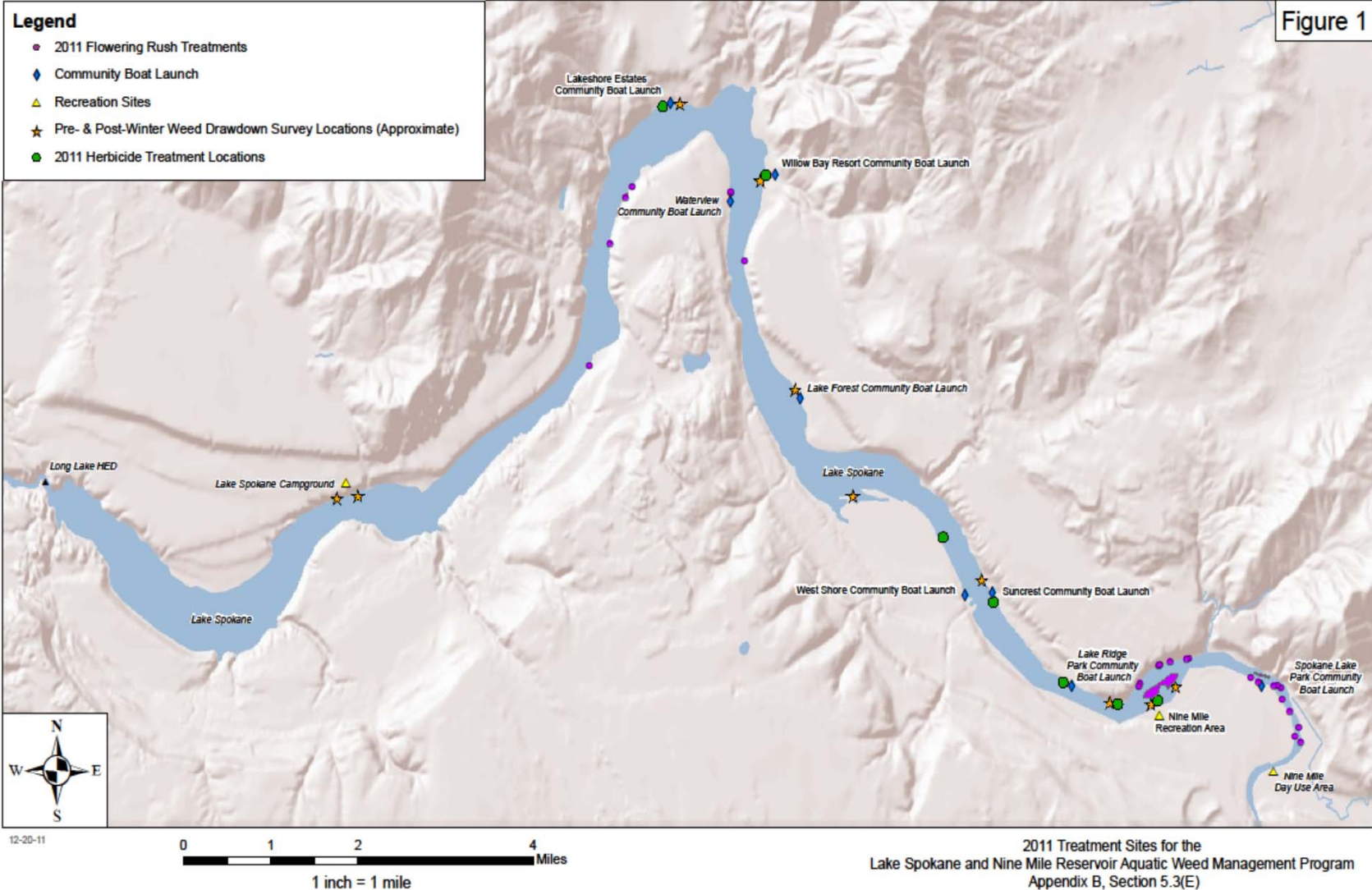
Photograph of Flathead Lake, MT below



## In 2011 Avista Funded:

- **Coordination** with agencies, weed management entities and public and community boat launch managers to refine the 2011 Program Task List.
- **Herbicide treatment** of 15 acres at seven public and community recreations sites, with an 85% effectiveness.
- **Flowering Rush control** (hand removal) of approximately 200 plants at 28 locations.
- A **Monitoring Report** outlining the methodology of the pre- and post- treatment effectiveness monitoring.
- **Educational** items, including the development of a draft aquatic weed brochure specific to Lake Spokane and Nine Mile Reservoir.

# 2011 Treatment Sites for the Lake Spokane and Nine Mile Aquatic Weed Management Program



## 2012 Avista Funded Activities

- Attempting a **Weed control drawdown** of 13-14 feet during January and February.
- Finalizing and distributing the Lake Spokane and Nine Mile Reservoir aquatic weed brochure.
- **Coordination** with agencies and weed management entities to complete a 2012 Program Task List outlining specific weed management activities, which could include continued weed control at boat launches, invasive aquatic weed monitoring and educational activities.
- Monitoring Nine Mile Reservoir for invasive aquatic weeds.



**Thank you!**

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