LONG LAKE: The Problem

Severe water quality issues

Toxic algae blooms and invasive aquatic species

Public health hazard/lake closures
LONG LAKE: The Problem

Excess phosphorus and other nutrients

Sources:
Existing lake vegetation
Land uses in the surrounding area
Soils

Ongoing maintenance is needed
(No one-time fix)
COMMUNITY INVOLVEMENT

Citizens for Improving Long Lake (CILL)

$1M in state funding (2000-2010)

Provided treatments that vastly improved lake conditions

Funding ended in 2010. No more state revenues without private funding source as well.
LAKE MANAGEMENT DISTRICT

Allowed by State law to solely fund lake maintenance activities per a specific scope

Approved by property owners within a determined boundary

Annual assessments to property owners based on estimated impact/benefit for specific properties

Election by property owners (majority approval)
LAKE MANAGEMENT DISTRICT PROCESS

Resolution of Intention sets public hearing date

Notify all property owners within the boundary

Hold public hearing on the resolution

If Board approves, property owners vote by mail
LONG LAKE STRATEGY

Uses proven method for Long Lake

Water quality testing and strategic alum treatments of lake

Alum binds with phosphorus both in water and on lake bed

Fewer nutrients = reduced algae and lake vegetation
LONG LAKE STRATEGY

Scope of Work (10-Year Period)

1. Monitor water quality -- long term
2. Inactivate phosphorus (sediment treatment and annual water column stripping)
3. Manage aquatic plants
4. Planning and permitting
5. Public education and outreach
6. Project management and transparent reporting.

COST: $956,000 over 10-years
Properties included:

**Green:** abutting the shoreline

**Blue:** special shoreline access

**Yellow:** close proximity to lake or lake facilities
ASSESSMENTS

Properties abutting the shoreline (green)  
$252 annually (per parcel)

Properties with special shoreline access (blue)  
$144 annually (per parcel)

Properties in close proximity to the lake  
or lake facilities (yellow)  
$50 annually (per parcel)
PUBLIC HEARING

April 28 5:30 PM
Kitsap County Commissioners Chambers
619 Division Street, Port Orchard

All citizens may testify on any aspect of the resolution (e.g., scope of work, boundary, assessments)
IMPORTANT

Long Lake will continue to degrade, leading to more closures and reduced use by the public and nearby property owners.

No additional state funding is available without a LMD in place for Long Lake.

Model for other local lakes facing a similar future.
FOR MORE INFORMATION

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