

## PIERCE COUNTY SPANAWAY LAKE MANAGEMENT PLAN

October 19th, 2016

Meeting Summary

Sherriff Precinct – Moran Room

### Attendees:

Kim Munson, Scott Munson, Victoria Lincoln, Jessie Richards, Mel Oleson, Judi Knapp, Gray Grazzini, Al Anderson, Merle Anderson, Penny Howard, Marge Critchlow

Barbara Ann Smolko, PC SWM; Windy Kruse, PC SWM; Kip Julin, PC Sewers; Isabel Ragland, Pierce Conservation District; Austin Jennings, TPCHD; Jessica Stone, PC Parks; Mike Milne Brown & Caldwell

### Brief overview of work-to-date

Overview of technical summary, goals for the lake (see handout), review of major obstacles. Suggestion for goal #6 to remove word “advisory”.

### Review proposed “Action Categories”

Categories table of “what we can do” (see handout).

### Brown & Caldwell presentation of alternatives with recommendations

Mike Milne (B&C) gave overview of funding options. Discussed the formation of a lake management district.

### Identify priority actions organized by “category” and informed by B&C recommendations

Toxic algae blooms resulting in swimming advisories will be significantly reduced in frequency, area, and toxicity. Phosphorus is the limiting agent for algae. Through the advisory process the group came up with the following:

Selective withdrawal – syphon Phos-rich water from deepest part of the lake to irrigate the golf course. (B&C item # 8 on their list – this would address cyano-bacteria no cost yet or calculation on how much water would need to be syphoned)

Improve flow into Spanaway Lake - this would help the lake circulate (B&C not on their list, this would require removal of all debris at the outlet and within the stream channel in Spanaway Creek. HPA permits, Fish and Wildlife and PC Parks)

Alum treatment - (B&C item 9 Algaecides apply chemicals to the lake would address algae not cost estimate yet; B&C item 10.2 Alum emitters would remove Phos from water entering the lake through JBLM march/Coffee Creek no cost yet)

Aquatic plants will be managed to prevent unsafe conditions for recreational uses and to remove invasive species.

Harvesting Aquatic Weeds - (Not on the B&C list but they will provide information on benefit and cost)

An organizational framework will be instituted to support the ongoing stewardship actions needed to effectively manage conditions on Spanaway Lake;

Formation of a lake mgmt. dist.

Apply for grants for funding

Formation of voluntary group nonprofit or NGO

Volunteer lake water quality monitoring group

Lake education and outreach group (ex: the Lakewise program in Sno Co)

**Reminder: Spanaway Lake Open House – Wednesday, November 9 from 5-8pm at Spanaway Elementary**