Black Lake Special District

Black Lake Special District Meeting
Monday, May 6, 2019 • Annual Community Meeting
6:00 pm • Black Lake Bible Camp

AGENDA

1. Call to Order – **Chair Stinzi called the meeting to order at 6:00pm**

2. Roll Call
   a. Brian Wilmovsky
   b. Lake Stinzi

3. Approval of Agenda – It was moved, seconded, passed unanimously to approve the agenda.

4. Community Updates - The commissioners gave an overview and update on the work of BLSD with a slide show presentation. Save Black Lake Coalition gave an update and overview of their activities. Carrie Lerud and Thurston County Storm System were presented with Friends of Black Lake Awards.

5. Adjournment of Public Meeting – **The meeting adjourned at 7:30pm**

Next Meetings:
Work Session, Monday, June 3, 2019, 6:15 pm (OrgSupport Offices)
Regular Meeting, Monday, June 17, 2019, 6:15 pm (OrgSupport Offices)

2019 Black Lake Special District Annual Meeting

May 6, 2019

Black Lake Bible Camp

Agenda:

- Save Black Lake Report
- Alum treatment planning
- Creek/Rivulet Screening
- Septic service reminder letters
- Herbicide treatments this year
- Save Black Lake Coalition activity
- Homeless encampments on Percival Creek
- Friends of Black Lake awards

Geese

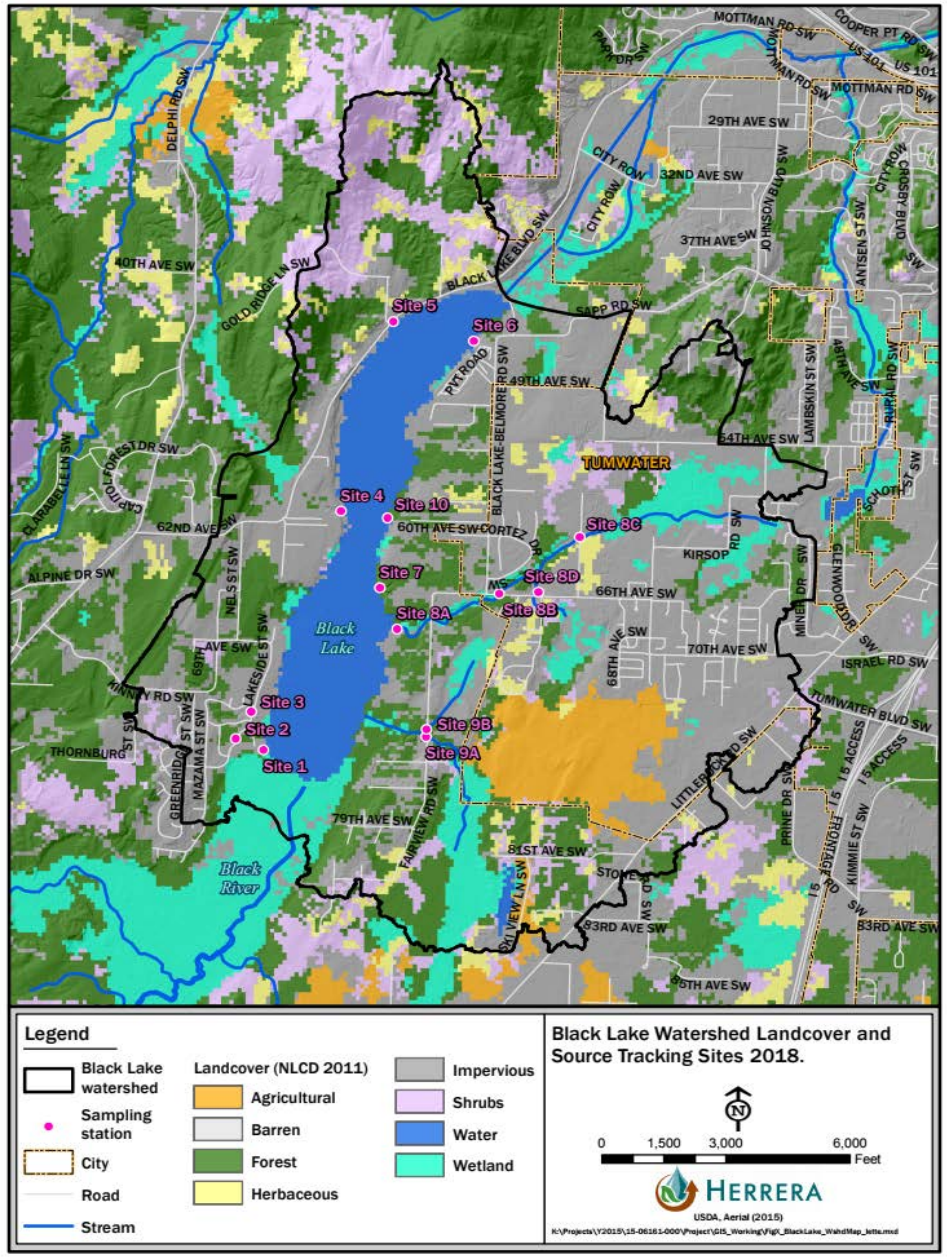
- Geese Management Update

Alum Treatment Planning

- * Phosphorous (P) is the principle element causing algae blooms.
- * Sources of “P” are from lake sediments (70%) and from external sources (30%)
- * For Black Lake, two lake management firms have recommended containing P in the sediments
- * Containment is achieved by adding alum to the lake. Alum binds with P and forms an inert compound.
- * 2016 alum treatment was insufficient.
- * Additional sediment core samples taken in 2017. A 2018 report recommend 2 – 5x treatments over a 3 to 4 year time period.
- * The cost of the treatments may be more than $2 million.
- * Options for financing are a note (not to exceed 5 years per RCW) or a special assessment bond (not to exceed 20 years)

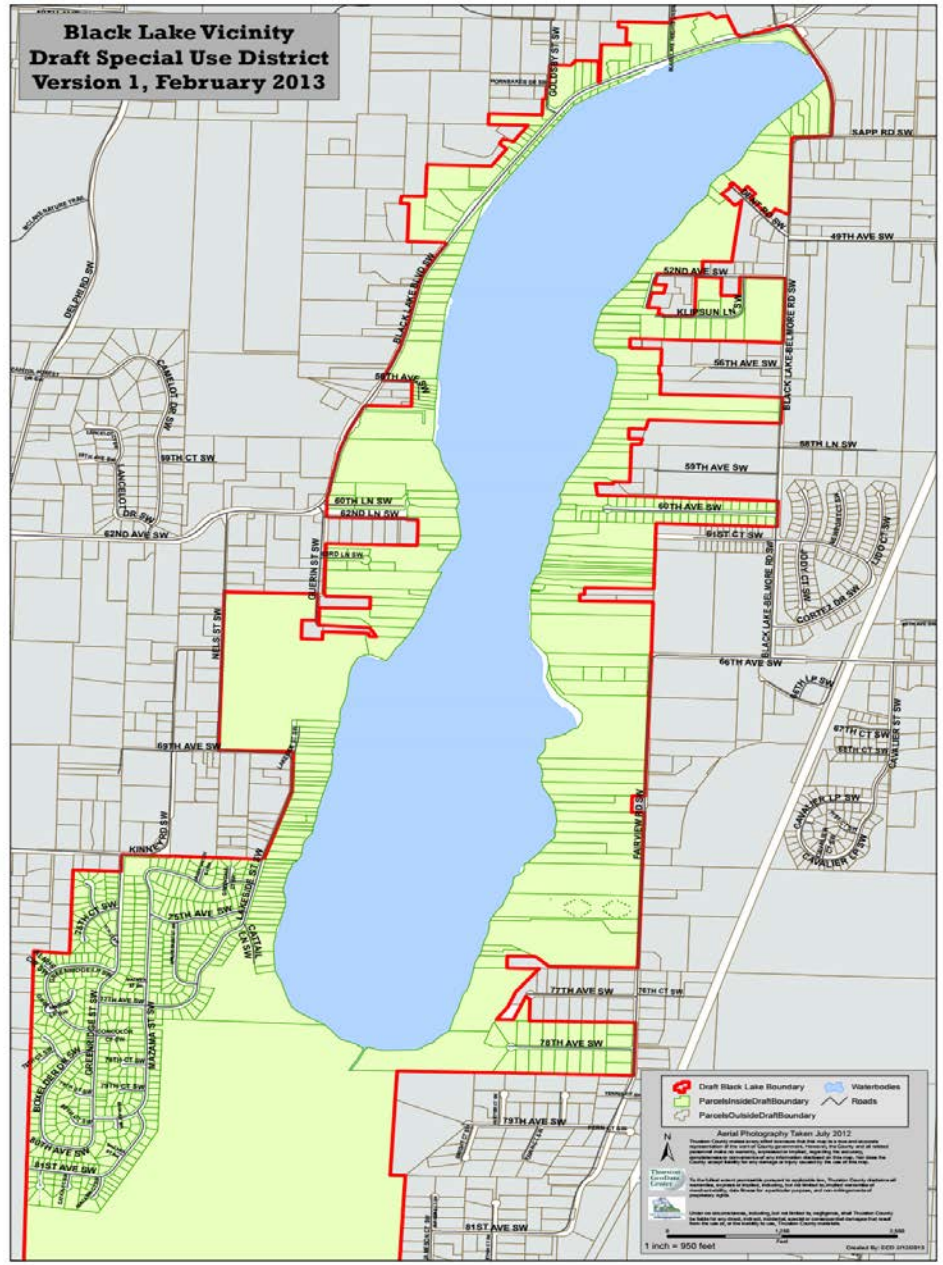
Creek/Rivulet screening

- Two water samples to be taken from 15 locations. On sample following a heavy rainfall and on sample during a normal weather period.
- 4 of the locations are along Fish Pond Creek
- Samples will be tested for P, fecal coliform and optical brightners.
- If high levels are found, the contractor will make recommendations for further study.
- Thurston County Environmental Health is aware of the screening project and has requested involvement in any “next steps”
- Screening project is similar to those conducted recently on Lake Whatcom and Lake Tapps.

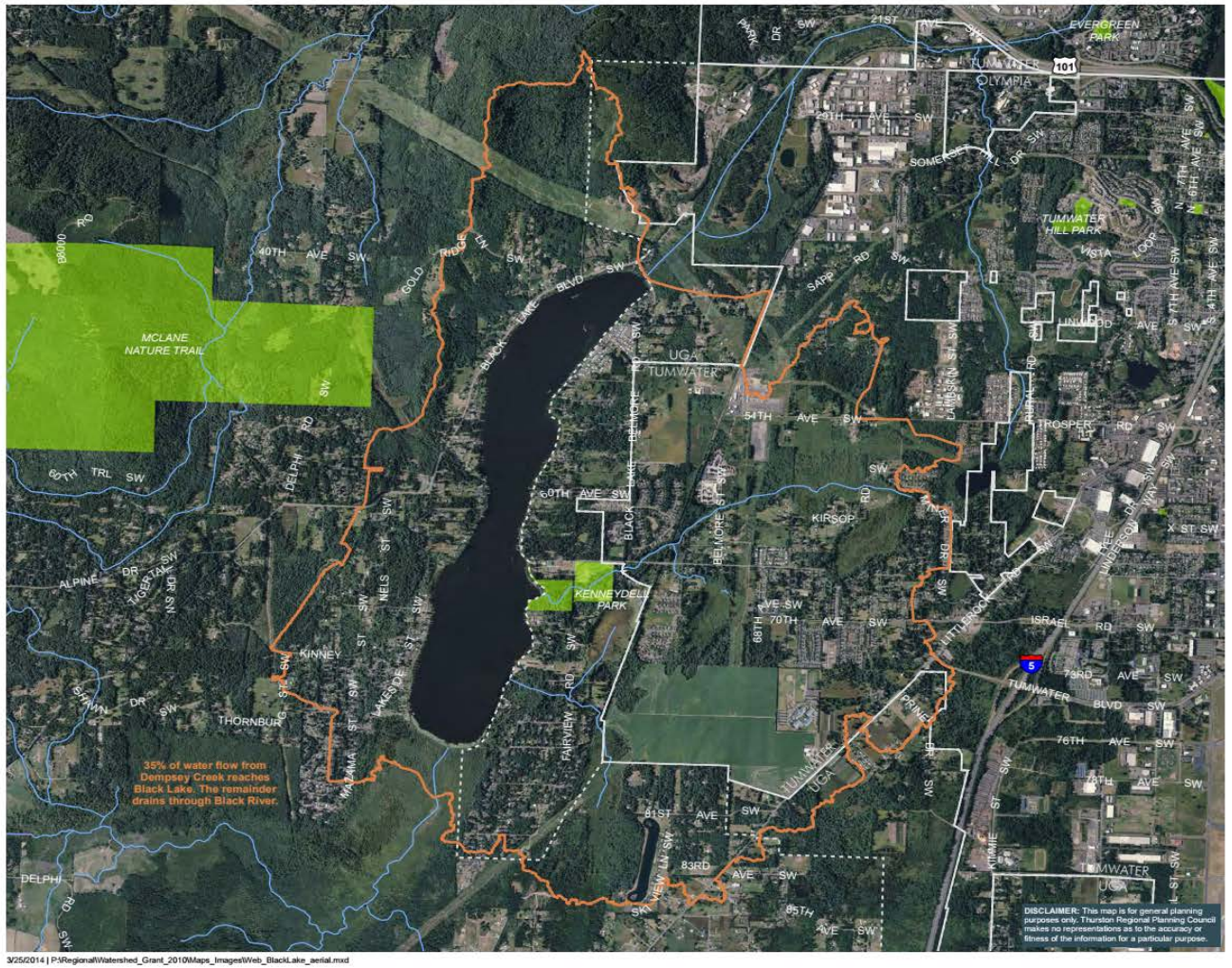

Site 1
Site 2
Site 3
Site 4
Site 5
Site 6
Site 7
Site 8A
Site 8B
Site 8C
Site 8D
Site 9A
Site 9B
Site 10
Black Lake
Black River
TUMWATER
MOTTMAN RD SW
29TH AVE SW
32ND AVE SW
37TH AVE SW
40TH AVE SW
49TH AVE SW
54TH AVE SW
60TH AVE SW
62ND AVE SW
66TH AVE SW
70TH AVE SW
79TH AVE SW
81ST AVE SW
83RD AVE SW
85TH AVE SW
93RD AVE SW
BLACK LAKE BLVD SW
CAPITOL BLVD SW
US 101
I-5 ACCESS
Legend
Black Lake watershed
Sampling station
City
Road
Stream
Landcover (NLCD 2011)
Agricultural
Barren
Forest
Herbaceous
Impervious
Shrubs
Water
Wetland
Black Lake Watershed Landcover and Source Tracking Sites 2018.
0
1,500
3,000
6,000
Feet
HERRERA
USDA, Aerial (2015)

Septic service reminder letter

- Enviromental Health provided the “last service date” for approximately 650 septic systems in District.
- On the recommendation of Enviromental Health, reminder letters sent to those owners where last service was more than 6 years ago.
- 272 letters sent (67 to lakefront owners) in August 2018
- Have request rerun of “last service date”
- If reminder letters are effective, will try to expand beyond district


Black Lake Vicinity
Draft Special Use District
Version 1, February 2013
SAPP RD SW
49TH AVE SW
52ND AVE SW
KLIPSUN LN SW
56TH AVE SW
58TH LN SW
59TH AVE SW
60TH AVE SW
61ST CT SW
60TH LN SW
62ND LN SW
62ND AVE SW
66TH AVE SW
67TH CT SW
68TH CT SW
69TH AVE SW
75TH AVE SW
77TH AVE SW
78TH AVE SW
79TH AVE SW
81ST AVE SW
BLACK LAKE BLVD SW
BLACK LAKE-BELMORE RD SW
FAIRVIEW RD SW
QUERN ST SW
NELS ST SW
KINNEY RD SW
LAKESIDE ST SW
CAVALIER ST SW
CAMELOT DR SW
DALPINE RD SW
Draft Black Lake Boundary
ParcelsInsideDraftBoundary
ParcelsOutsideDraftBoundary
Waterbodies
Roads
Aerial Photography Taken July 2012
1 inch = 950 feet

Note Black Lake Basin Boundary



Black Lake Basin
Basin Overview

Legend
- Basin Boundary
- City Limits
- Urban Growth Area (UGA)
- Streams & Rivers
- Parks & Public Preserves

Guiding Growth
Healthy Watersheds

0 ¼ ½ 1 Miles

Planned Activities

Herbicide treatments this year

- Per WDFW regulations, herbicides may only be applied 7/15 thru 10/15
- A vegetation map is prepared and submitted to Ecology prior to the first application of the season
- Strict regulations on notifications to parcel owners and signage
- Too early to determine what will happen this year. Last year plant growth was not apparent until late July.

Save Black Lake Coalition activity

- Placeholder Text

Homeless encampments along Percival Creek

Signage on RW Johnson Blvd bridge over Black Lake Ditch

Black Lake Special District Kiosk Sign

Black Lake Special District Welcomes You

The District is a government entity separate from Thurston County. The District's purpose is to maintain / improve Black Lake water quality for recreation and wildlife. Funds are provided to the District by more than 700 property owners on the lake or in close proximity. District activities include vegetation control, providing septic service reminders, monitoring streams for pollutants and working with Thurston County to maintain stable water levels.

Key

- 5mph
- 45mph Everywhere Else
- X Submerged Obstacles
- Vessel Direction of travel

Be Safe, Be Legal

* Observe the speed limits
* All vessels must have a personal flotation device (PDF) for each person on board.
* Children under the age of 12 must wear a PDF
* It is unlawful to operate a vessel under the influence of drugs or alcohol
* Please be careful of submerged obstacles. Many are unmarked.
* All vessel must carry a whistle or horn
* Vessel operators should use an ignition safety lanyard whenever possible

SPEED LIMIT

5 MPH within 200ft of shore
45 MPH 11am to 8pm or dusk
Always Travel Clockwise

CLEAN ***ALL*** WEEDS OFF YOUR TRAILER BEFORE ***AND*** AFTER LAUNCHING.

Fishing Info

Black Lake has a year-round open season. The lake is stocked with Rainbow Trout in the sprint and fall. In 2018, 40,000 catchables were planted March – May, and 3000 jumbos in November. The best fishing months are April through July. Salmon runs have been identified in the creeks flowing into the lake. The runs are small and sporadic and originate from Puget Sound thru Capital Lake and Percival Creek.

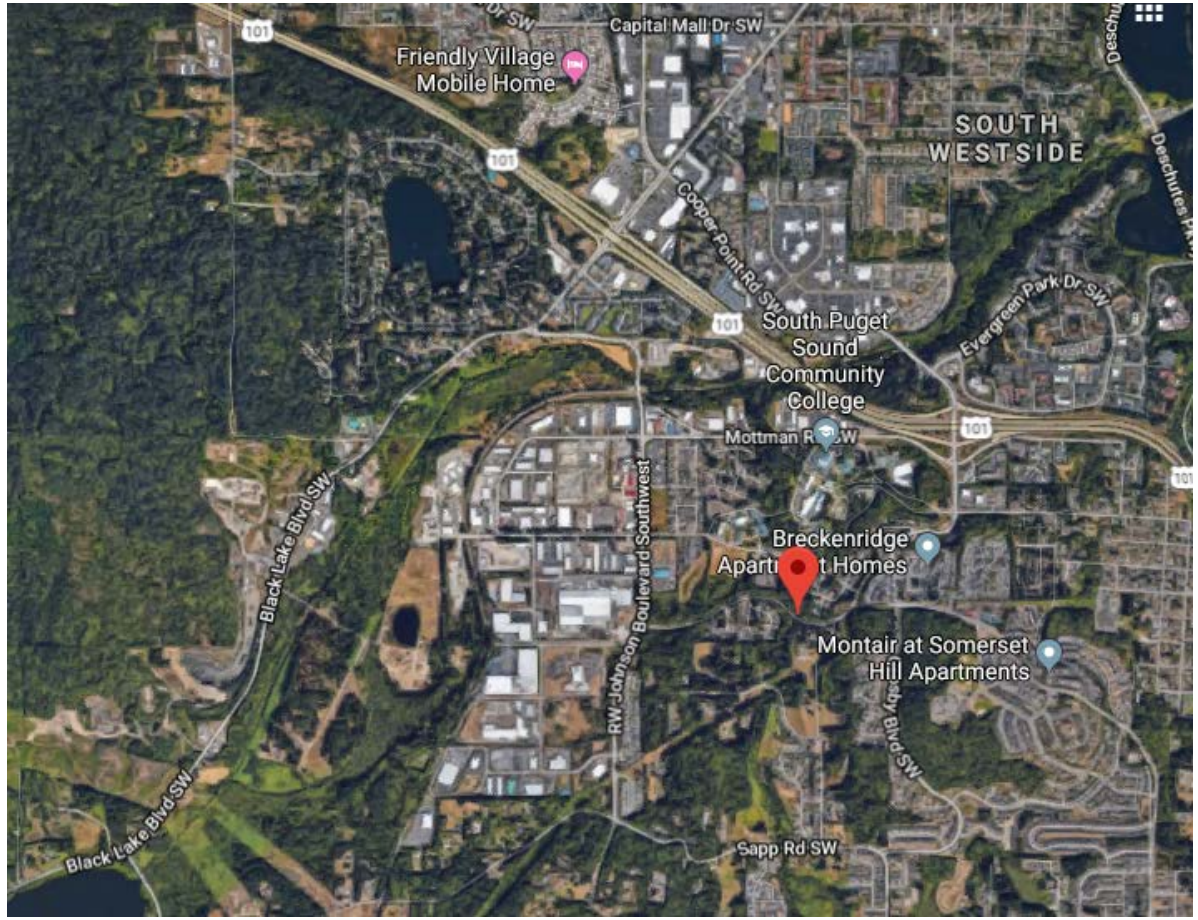
Invasive Species Are A Real Threat

Freshwater invasive species in Washington include New Zealand mudsnails, Asian clams, Red Swamp crayfish, and Eurasian water milfoil. Invasive spieces from other states include the Zebra and Quagga mussels. Please protect Black Lake by inspecting your vessel and trailer before launch. Eurasian milfoil was found in Black Lake in 2004. The milfoil was removed by 2006 at considerable cost to Thurston County.

Black Lake Special District

Percival Creek

Where is Percival Creek & The Black Lake Ditch



Percival Creek

Fish Ladders in Percival Creek

Pictures From the Creek

Pictures From the Creek

Pictures From the Creek

Percival Creek

Pictures From the Creek

Pictures From the Creek

Pictures From the Creek

Signage at the Creek

Signage at the Creek

Found Today

Sign on the Pile

Website I Found

- Silence of the Eviros-ignoring real pollution on Olympia's green space.
- https://www.wethegoverned.com/silence-of-the-enviros-ignoring-real-pollution-in-olympias-greenspaces/
- Friends of Percival Creek Canyon, Facebook -They have videos