

## Deschutes Advisory Group (DAG) Meeting

Thursday, May 19, 2016

### Attendees

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Capitol Lake Improvement and Protection  
Association (CLIPA)

Bob Holman

Deschutes Estuary Restoration Team (DERT)

Dave Peeler

Ecology, WA State Dept. of

Andrew Kolosseus

Rian Sallee

Fish and Wildlife (WDFW), WA State Dept. of

Darric Lowery

Theresa Nation

LOTT Clean Water Alliance (LOTT)

Lisa Dennis-Perez

South Puget Sound Salmon Enhancement Group  
(SPSSEG)

Bob Barnes

Jerilyn Walley

Stream Team

Martin McCallum

Thurston County

Jeff Killelea

Allison Osterberg

Larry Schaffner

Charissa Waters

Transportation (WSDOT), WA State Dept. of

Elsa Pond

### Capitol Lake Interpretive Center Trail & Indian Creek Stormwater Treatment Facility Tour Recap:

Jerilyn Walley and Bob Barnes, SPSSEG

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Jerilyn showed photos from the Capitol Lake Interpretive Center Trail and Bob from the Indian Creek Stormwater Facility. The presentation slides are available at:

- Capitol Lake Interpretive Center Trail:  
[www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGMayCapLkInterCtrTour.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGMayCapLkInterCtrTour.pdf)
- Indian Creek Stormwater Facility:  
[www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGMayIndianCrkSWTreatmentTour.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGMayIndianCrkSWTreatmentTour.pdf)

Additional information:

- Olympia Area Projects Using Compost and Bark Mulch:  
[www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGCompostBarkMulchProjects.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGCompostBarkMulchProjects.pdf)
- Interpretive Center Plant List:  
[www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGCapLkInterCtrPlantList2004.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGCapLkInterCtrPlantList2004.pdf)
- Indian Creek Stormwater Facility Schematics:  
[www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGIndianCreekExhibits.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGIndianCreekExhibits.pdf)

### Voluntary Stewardship Program (VSP) in Thurston County: Charissa Waters, Thurston County

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Charissa gave a presentation on the background and progress in Thurston County with the Chehalis Basin Partnership. After her presentation she led a discussion on the VSP and the connections to the

Deschutes River watershed water quality and the TMDL. She will send Ecology the baseline conditions for the Deschutes River watershed when it is done so it can be shared with the DAG. More information about the VSP is available at <http://www.co.thurston.wa.us/planning/vsp/voluntary-stewardship-home.html>.

The VSP presentation slides are available at [www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGThurstonCountyVSP.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGThurstonCountyVSP.pdf)

Contact information:

Charissa Waters  
Thurston County Resource Stewardship  
Office: 360-786-5541  
Email: [watersc@co.thurston.wa.us](mailto:watersc@co.thurston.wa.us)

**Phase II Western Washington Municipal Stormwater Permit Overview:** Rian Sallee, Ecology

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Rian gave an overview of the Phase II Western Washington Municipal Stormwater permits issued by Ecology to Thurston County, and the Cities of Lacey, Olympia, and Tumwater. She will follow up on concerns expressed from Bob Holman and Dave Peeler regarding the new DES building's stormwater. Dave will forward his DES letter to Rian. She stated the draft Municipal Stormwater Phase II Permit will be out for public comment in 2017. More information about this permit is available at <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/phasellww/wwphiipermit.html>.

Anyone interested in South Sound representation on stormwater issues can contact Larry Schaffner, Thurston County, at 360-754-4106 or [Schaffl@co.thurston.wa.us](mailto:Schaffl@co.thurston.wa.us).

Contact information:

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Department of Ecology  
Office: 360-690-7120  
Email: [Rian.Sallee@ecy.wa.gov](mailto:Rian.Sallee@ecy.wa.gov)

## Roundtable

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**Ecology:** Andrew Kolosseus presented the four new Budd Inlet scenario model runs that Ecology is currently running. These scenarios address local Budd Inlet nonpoint sources, LOTT and other Budd Inlet wastewater treatment plants, the Capitol Lake dam, and external sources. He emphasized these are preliminary and exploratory and only the final TMDL will set load and wasteload allocations. Ecology will present on the status at the July 21 DAG meeting. The presentation slides are available at [www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGBuddInletModelRunPhase1Overview.pdf](http://www.ecy.wa.gov/programs/wq/tmdl/deschutes/advisorycomm/51916DAGBuddInletModelRunPhase1Overview.pdf)

- **DAG Comment** (paraphrased): *The slide purporting to show the relative contributions to dissolved oxygen (DO) depletion, was based on a single cell in Budd Inlet that is atypical and extreme. This cell and the resulting chart were based on a location where the DO depletion was*

nearly 3 mg/L below natural conditions. Natural conditions in lower Budd Inlet must be less than 5 mg/L for them to come into play. Therefore, the actual DO predicted for this cell would be about 2 mg/L, which would make it among the lowest DO predictions anywhere in lower Budd Inlet. The only area where this occurs is in East Bay, which is mostly an intertidal area which is not representative of the greater Budd Inlet waters. The suggestion was made to omit this slide unless it is modified and based on a more representative cell in the main Budd Inlet channel.

- **DAG Question** (paraphrased): *The current Ecology explanation for DO depletion due to the Capitol Lake Tide Lock (dam) is that the model predicts the dam creates circulation changes from the “natural” or pre-modern conditions. The first of the four model runs was identified as the “natural conditions” run. Does this model run incorporate the actual pre-modern shoreline and the approximate 2000 ft. opening at the current tide lock site which would be necessary for valid comparison?*

**WDFW Pioneer Park Fish Hatchery:** Some DAG members attended the May 18 meeting about the proposed Pioneer Park Hatchery in Tumwater. It is unclear how the WDFW will meet TMDL requirements.

**Deschutes River Watershed Workgroup:** Charissa Waters stated the Deschutes Watershed Analysis will reach a milestone this summer. More information about the Deschutes Watershed Land Use Analysis is available at <http://www.co.thurston.wa.us/planning/watershed/watershed-basin-deschutes.html>.

**South Puget Sound Salmon Enhancement Group (SPSSEG) updates:** Jerilyn Walley stated the construction on the bulkhead removal at Burfoot Park will hopefully begin this fall. They are having a summer speaker series at Boston Harbor. More information about the SPSSEG is available at <http://spsseg.org>.

**Department of Enterprise Services (DES) Process:** Public meetings are now part of the Capitol Lake/Deschutes Estuary Executive Work Group process to address the Proviso for Capitol Lake management. A recommendation was made for Ecology to present its findings to the DES Executive Workgroup. More information about the DES process is available at <http://www.des.wa.gov/about/pi/CapitolLake/Pages/default.aspx>.

### Next meeting

Date: Thursday, July 21, 2016  
Time: 9:00 a.m. – 12:00 noon  
Place: Tumwater Fire Department  
311 Israel Rd. SW, Tumwater, WA

Agenda topics: Skokomish Watershed Action Team (SWAT) Origins and Purpose  
Construction Stormwater General Permit Overview  
Budd Inlet Model Runs Summary