

1996

Smith & Bybee Lakes Wildlife Refuge
Technical Advisory Committee

coordinated by:

METRO

Parks and Greenspaces
600 N.E. Grand Avenue
Portland, Oregon 97232

**Technical Advisory Committee
for Smith and Bybee Lakes Wildlife Refuge**

**8:30 a.m. - 12:00 p.m., Monday, April 22
Metro Regional Center, Council Annex
600 N.E. Grand Avenue
Portland, Oregon**

The purpose of this meeting is to develop a water management strategy for the lakes based on the management objectives agreed upon at the last TAC meeting (listed on reverse side of this page). Specifically, (1) parameters for designing an appropriate water control structure need to be established and (2) water management options discussed. This is one of the final steps toward fulfillment of the Rivergate Fill Agreement. Decisions on the design objectives from the TAC, with all the signatory agencies represented, will expedite the fulfillment of the mitigation agreement.

Within the next two weeks, you will receive a Draft Diagnostic/Feasibility Study for Smith and Bybee Lakes, which may assist you in determining the preferred water management option for the lakes area. Any comments you may have on the draft are welcomed.

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Technical Advisory Committee Recommendations

In May and June, 1995, the Smith and Bybee Lakes Technical Advisory Committee (TAC) asked to review studies recently completed and, in context of other existing information, to make water management recommendations. Water management recommendations made by TAC are described below.

Objective

Manage the hydrology of Smith and Bybee Lakes in a manner that allows the water surface elevations in the lakes to mimic those of the Willamette and Columbia Rivers, both daily and seasonally.

Strategies

1. Replace the existing water control structure with one that will allow unobstructed flow both in and out of the lakes on a daily and seasonal basis.
2. Develop a water source and distribution system to augment flow into the lakes from an outside source as needed to control avian botulism, mimic river hydrology, and other management needs.
3. Remove the sunken barge obstructing flow in the North Slough while replacing equivalent habitat values the barge has afforded the North Slough.
4. Develop a water management plan that includes monitoring and assessment to ensure that management goals are being met.

Proposed Schedule

1. Complete construction and have operational the replacement water control structure no later than December, 1997.
2. Develop a water source and have operational a distribution system by the summer, 1998.
3. Remove barge before the replacement water control structure becomes operational.
4. Have fish habitat enhancements mitigating barge removal in place when the replacement water control structure becomes functional.
5. Develop water management plan prior to the construction of the replacement water control structure.