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March 31, 2005

Douglass Fitting
Oregon Watershed Enhancement Board
28655 Highway 34
Corvallis, OR 97333

Dear Mr. Fitting,

Enclosed is Ducks Unlimited, Inc.'s Monitoring Report to the Oregon Watershed Enhancement Board for the Smith & Bybee Lakes project, 201-180. This report fulfills our reporting responsibilities required by our grant agreement. Should you have any questions, please contact me at clobdell@ducks.org, or (360) 885-2011 ext. 18.

Sincerely,

Charles M. Lobdell
Regional Biologist

Cc: Elaine Stewart, Metro

Monitoring Report for Smith & Bybee Lakes Restoration

1) Description of any maintenance performed:

We replaced a number of stoplogs that were damaged last year. Metro inspected the structure during low water conditions and cleaned dirt and debris at tidegate seals, slots that hold stoplogs, etc. The structure was vandalized in fall 2004; Metro replaced the wheel for the rising tidegate.

2) Costs associated with maintenance and monitoring

We estimate \$3,700 for maintenance costs, which includes weekly site visits, replacement materials, etc. Add another \$1,000 for the fish monitoring work (project development, grant writing, etc.).

3) Assessment of whether the project continues to meet its goals:

We have documented successful fish passage - both coho and Chinook salmon, age 0+ and 1+. Native plant community response has been dramatic and includes a flush of wapato and bulrush throughout the wetlands where they had not been seen before. Some reed canarygrass control did occur in deeper areas; the full picture on this will come later this spring when the grad student completes his thesis.

4) Summary of public awareness, educational activities, tours, etc?

Metro is incorporating the wetland restoration/water control structure into its interpretive signage at the visitor facilities. Metro has conducted a number of tours for staff from other agencies and interested groups. We also include a segment on the structure and the fish & habitat restoration in our annual training for volunteer naturalists. Our staff naturalist that works on the site incorporates information on the project in his tours.

The following photos show before and after shots of the structure looking upstream into the lakes, and a closer picture taken from the top of the structure looking into the lakes:

This picture shows the old dam and tidegate prior to restoration, looking from North Slough into Smith & Bybee lakes



This photo shows the new structure during the final stages of construction:



This picture shows the structure during its first summer drawdown, looking from North Slough into Smith & Bybee lakes



This picture shows the lakes draining freely during the late summer (August) into and through the structure.

