
PORTLAND PARKS AND RECREATION

URBAN FORESTRY DIVISION

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GREENSPACES RESTORATION PROJECT FINAL REPORT

June 12, 1998

PROJECT NAME: EAST DELTA POND

FUNDING YEAR: 1997-98

PARTNERS: METRO AND PORTLAND PARKS & RECREATION

CONTRACT# 905410

I. PROJECT DESCRIPTION

This project was proposed and carried out by Portland Parks and Recreation with U.S. Fish and Wildlife Service funding distributed through the Portland Metropolitan Parks and Greenspaces Program (METRO). It included removal of undesirable plants, mostly blackberry, on approximately 400 feet of pond bank. Planting with native plants was completed along this section with a width of about 50 feet. The pond is located on the west edge of East Delta Park adjacent to our Urban Forestry Division headquarters and the I-5 freeway.

The pond is fed by ground water, freeway runoff and drainage from East Delta Park. It acts as a floodwater containment facility, and has been filling with silt rapidly.

II. GOALS AND BENEFITS

This project offers an opportunity to restore an urban pond to a more natural condition. It is adjacent to a new sports complex so may increase public awareness of this type of project. Due to the location, the site can easily be used as an interpretive center by both Portland Parks and the proposed Native American Cultural Center which may be located close to the north end of the pond. We are also restoring habitat for both resident and migratory birds and other animal species. Last year I mentioned a grant that included sediment testing. We got the results back and they look good. We should be able to increase the depth of the pond from about 10 inches to 5 feet in the center.

III. WORK TASKS AND TIME LINES

AUG. 1997:	site prep and blackberry removal
SEPT. 1997:	same
OCT. 1997:	same
NOV. 1997:	same
DEC. 1997:	same
JAN. 1998:	no activity
FEB. 1998:	site prep and blackberry removal
MAR. 1998	same
APR. 1998:	same
MAY 1998:	planting of native trees shrubs and ground covers
JUNE 1998:	same as May plus continuing maintenance

IV. PROJECT BUDGET

METRO

PLANT MATERIAL	\$3606
ENVIROCORPS	\$3500
DUMP FEES	\$ 55.90
MATERIALS	\$ 220.24
TOTAL	\$7382.14

IN KIND MATCH

148.5 HRS \$7650.72

This includes hazard pruning of large trees adjacent to the pond.

V. PROJECT STAFF / WORKERS / VOLUNTEERS

Urban Forestry Division staff and Envirocorps worked together on this project. Portland Parks Horticultural Services supplied the plant material.

VI. WHAT WORKED AND WHAT DIDN'T

This year we planted a lot more small plants and ground covers. There were already a large number of trees on this section of the pond. Our crew spent time removing hangers and major deadwood from the trees adjacent to the pond for public safety.

VII. MONITORING AND MAINTENANCE

The pond is located at our Urban Forestry Division offices so monitoring can be done with very little effort. The main things we will need to monitor are soil moisture and invasive weeds.

VIII. NEXT STEPS

With the results of sediment tests back and favorable we have an opportunity to make the pond deeper by removal of sediments. We will do this with the help of the Multnomah Drainage District. The depth will be increased from about 10 inches to about 5 feet in the center. This will provide more storm water retention. With a panel, a decision will be made to either side cast the spoils to create nesting mounds or to remove the sediments from the site. At this time the only fish present are carp. If approval from Oregon Department of Fish and Wildlife can be obtained, bass, bluegill and crappie will

be reintroduced. About 1 third of our pond has had invasive weed removal and replanting with native vegetation thru METRO grants of the past 2 years. Urban Forestry will be applying again next year for another grant to continue the blackberry removal and replanting of native species. Our relationship with Northwest Service Academy has grown and become stronger over the past 2 years and we hope to continue being partners.