

R&E:

\$6,000 trash racks

2,000 grout
work

Draft sow to Lisa Marino 1/27/05

Metro, through a partnership with Ducks Unlimited, will install metal trash racks on the water control structure at Smith and Bybee Lakes Wildlife Area. Metro is the landowner and will provide grant management, project oversight and ongoing maintenance and management of the water control structure. Ducks Unlimited will provide engineering and design services and will oversee fabrication and installation of the trash racks. Metro will sub-contract with Ducks Unlimited independently of the Metro-ODFW grant agreement and will submit documentation of expenses for reimbursement to ODFW upon project completion. Approximately \$17,000 of the total grant will be sub-contracted to Ducks Unlimited; approximately \$500 is for Metro staff time on permitting and project oversight tasks.

Trash racks will be installed on each of the four box culvert openings on the North Slough side of the water control structure. Each rack will be approximately 8 ft. wide by 10 ft. tall to match the dimensions of the four sets of box culverts that make up the structure. Racks will be constructed from suitable bar and pipe materials welded together to form a vertical rack system; they will be galvanized for corrosion protection. Following installation, Metro will check the structure at least once per week to monitor the trash racks and ensure that they are functioning as intended. The project schedule is as follows:

Design and agency approvals	December 2004 – March 2005
Fabrication and installation of trash racks	March – June 2005

The project budget is:

Engineering/Biological	\$ 2,500
Trash racks	\$12,500
Install trash racks	<u>\$ 2,500</u>
Total	<u><u>\$17,500</u></u>