

Plant-based Research & Application in the Northwest



constructed wetlands

PROJECT Bureau of Environmental Services Water Pollution Control Laboratory
START/ 1995
COMPLETION 1997
LOCATION Portland Oregon
OWNER/ City of Portland, Bureau of Environmental Services
AGENCY

DESCRIPTION Integrated stormwater treatment ponds and swales filter stormwater from 50 acres of pervious and impervious surfaces. Planted with native and non-native species including Oregon Ash, Red Alder, Red Maple, Redtwig Dogwood, Douglas Spirea, Oregon Grape, and wetland perennials and grasses.

PERFORMANCE Accurate information on performance is hampered by additional surface and sub-surface flows. P and N are occasionally high, possibly from neighboring residential areas.

LINKS: EPA's website on constructed wetlands:
<http://www.epa.gov/owow/wetlands/construc/arcata/11intro.html>
City of Portland, Bureau of Environmental Services
<http://www.portlandonline.com/bes/>