

Magnuson Park Wetlands and Active Recreation

BEFORE



AFTER



Landscape Performance Benefits

- Reduces suspended solids by 94%, fecal coliform bacteria by 99%, and increases dissolved oxygen by 32% as stormwater runoff travels through wetlands, according to monitoring data.
- Increased species richness in the park, as represented by a 255% increase in the Pacific Chorus Frog larvae population and an increase from 18 to 21 species of dragonfly or damselflies from 2010 to 2011.
- Avoided 985 tons of carbon dioxide emissions by reusing or recycling over 12,750 tons of asphalt and concrete from the site as compared to traditional landfill disposal.

Designer

The Berger Partnership PS

Land Use

Industrial
Park/Open space

Project Type

**Wetland creation/restoration
Park**

Location

7400 Sand Point Way NE
Seattle, Washington 98115

Map it

Size

- Has provided hands-on volunteer and educational opportunities to 2,500 students and approximately 1,000 park and wetlands land stewards and maintenance volunteers. Activities include tree plantings, nature experiments, data collection, invasive species removal, and establishing native plantings.

154 acres

Budget

\$14.16 million

Completion Date

2006 - Phase I; 2009 - Phase 2; 2012 - Phase 3

References & Resources

Seattle Parks and Recreation:
Warren G. Magnuson Park

Magnuson Outdoor Learning Lab

Berger Partnership News:
Magnuson Park Updates

Otak: Warren G. Magnuson Park

Washington Recreation and Parks Association, Spotlight Award for Best Park Design, 2010

ACEC Washington Engineering Excellence Gold Award for Water Resources, 2010

Download Methodology

Project Team

Project Team:

Wetlands/Habitat Specialists: Dyanne Sheldon Ventures, Otak

Civil Engineer: Magnusson Klemencic Associates

Geotechnical: GeoEngineers

Athletic Field Design: D.A. Hogan Associates

Lighting and Electrical: Sparling Electrical

Irrigation: Dragonfly Irrigation

General Contractor: Ohno Construction

Public Outreach: Norton-Arnold Company

Role of the Landscape Architect:

The Berger Partnership led a team of wetland, habitat, civil engineering, geotechnical, athletic field, lighting and electrical, irrigation, and public outreach specialists to create the master plan, develop the design, and construct the project.

Case Study Brief Prepared by:

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