SEATTLE GREEN INFRASTRUCTURE

CASE STUDY SERIES

Magnuson Park Habitat Wetlands

7400 Sand Point Way NE, Seattle 98115

PERFORMANCE SNAPSHOT

• Reduced suspended solids by 94%, fecal coliform bacteria by 99%, and increased dissolved oxygen by 32%

2012

- Increased the Pacific Chorus Frog tadpole population by 255%
- Provided hands-on volunteer and educational opportunities to 2,500 students and approximately 1,000 park and wetlands land stewards and maintenance volunteers

GREEN INFRASTRUCTURE TECHNOLOGY TYPES



INNOVATION HIGHLIGHTS



This project reclaims a former Naval Air Station site as a community open space and habitat wetland. Pre-settling cells and a bioretention treatment chain clean parking runoff upstream of the habitat wetland area. The design removed ten acres of impervious surface, rehabilitated four acres of wetlands, created habitat for native amphibian and insect species, and integrated walking trails and viewing mounds for visitors.



Industrial materials from the Naval Air Station are incorporated throughout the site. "Fin Art" by John T. Young, for example, repurposes decommissioned submarine wings to simulate the dorsal fins of an Orca whale pod moving above the water.

Public Art



The park offers ample opportunities to explore a range of natural areas.







PROJECT DETAILS

IMPERVIOUS SURFACE MANAGED	Site holds 5 million gallons of water
DRIVER	Water Quality Treatment of Polluted Stormwater and Habitat Enhancement
OWNER	Seattle Parks and Recreation
FUNDER	Seattle Parks and Recreation
GREEN INFRASTRUCTURE COST	\$14.6 million
PROJECT TEAM	The Berger Partnership PS
MAINTAINED BY	Seattle Parks and Recreation
MORE INFORMATION	

https://www.seattle.gov/parks/find/parks/magnuson-park

