

# CROMWELL PARK

## City of Shoreline



### Facility type

Constructed wetland added to an existing park during major renovation, provides treatment and flow/flood control

### Design/construction

2007-2010

### Facility size

1.33 acres in a 9-acre park

### Drainage basin area

109-acre basin (residential neighborhood, can handle 435,000 gallons)

### Facility Description

The city had identified areas with stormwater issues. The area downstream of Cromwell Park had water quality and flooding issues, so a regional stormwater retrofit facility was proposed for Cromwell Park during a major renovation of the park.

The stormwater facility type chosen was a constructed wetland, which added an additional natural feature with native plants to the park. The wetland attracts wildlife and has interpretive signs to provide education on habitat and stormwater. Walking trails were added around and through the wetland.

Retrofits such as this one that have been completed in Shoreline may have led to the City of Shoreline being the first Salmon Safe-certified city in Washington.

### Departments involved

Public Works, Parks Department

### Contractors

PACE Engineers



## Public engagement

Led by the Parks department as part of the park's planned renovation.

## Maintenance and monitoring

The Public Works department performs maintenance one to two times per year on the wetland. They check for and remove invasive plants. Maintenance has been minimal at Cromwell Park. Plant selection, monitoring, and maintenance are key to the facility's success.

## Challenges and lessons learned

- The community had concerns about mosquitoes and odors but ended up being very happy with the wetland. The community now enjoys viewing the wildlife attracted to the wetland and the process of seeing the wetlands fill up with water after a rainstorm.
- Shoreline continues to evaluate possible stormwater facility improvement opportunities during park renovations projects. This is a good opportunity to incorporate stormwater management at a lower cost and less disruption for the community.
- Consider climate change and the greater need for stormwater infrastructure. This will affect the location and design of the facility.
- Shoreline is considering how to best use current detention pond space and may incorporate recreational features or even create new parks where stormwater facilities are renovated.

## Cost

\$1.6 million for park renovation and wetland

## Funding Sources

Park Bond (two-thirds), Surface Water Utility Fund (one-third)

## For more information

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## Sources and additional information

- Trust for Public Land case study: <https://www.tpl.org/sites/default/files/Cromwell%20Park.pdf>
- Salmon Safe city certification: <https://salmonsafe.org/shoreline/>

