

What are you doing in my backyard?

NORTHWEST CONSTRUCTION CONSUMER
COUNCIL

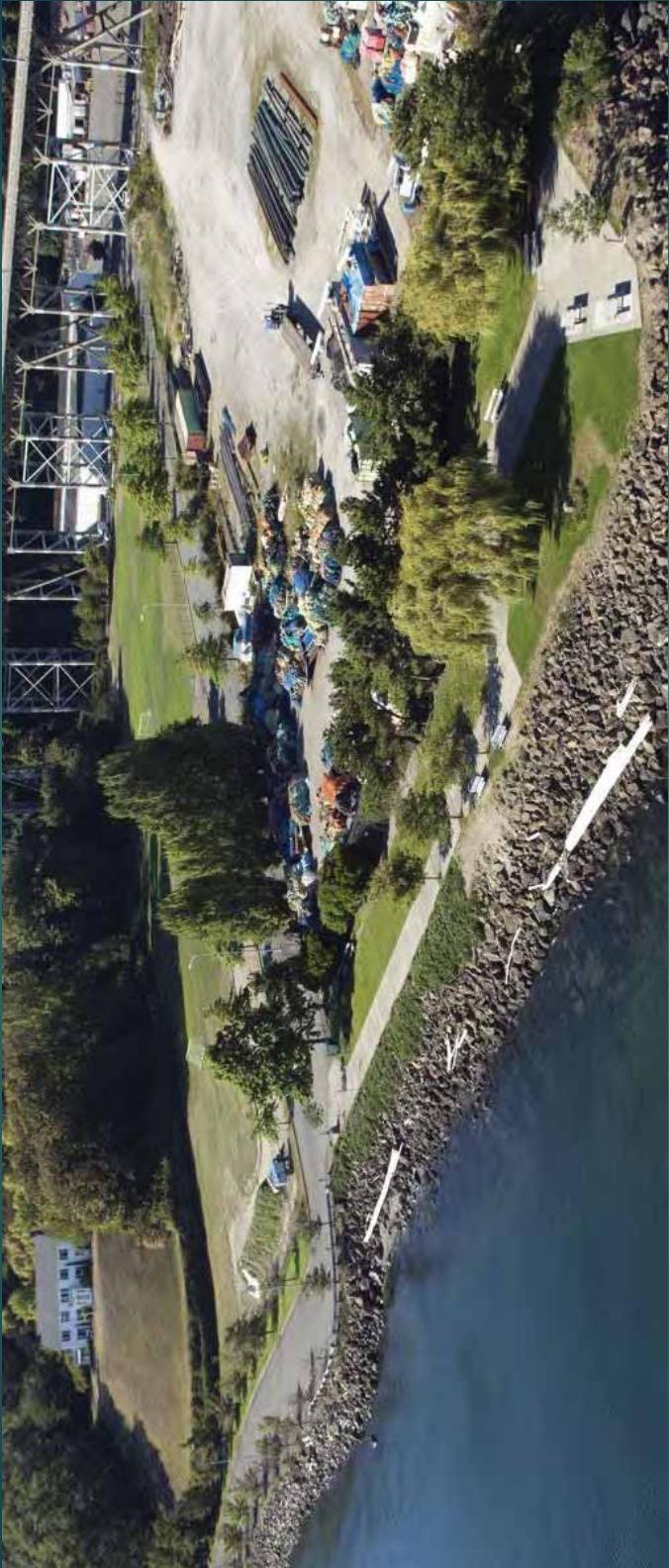
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Department of
Natural Resources and Parks
Wastewater Treatment Division

Successful community relations for capital improvement projects: a case study



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Community Relations Planner**



What we'll be talking about

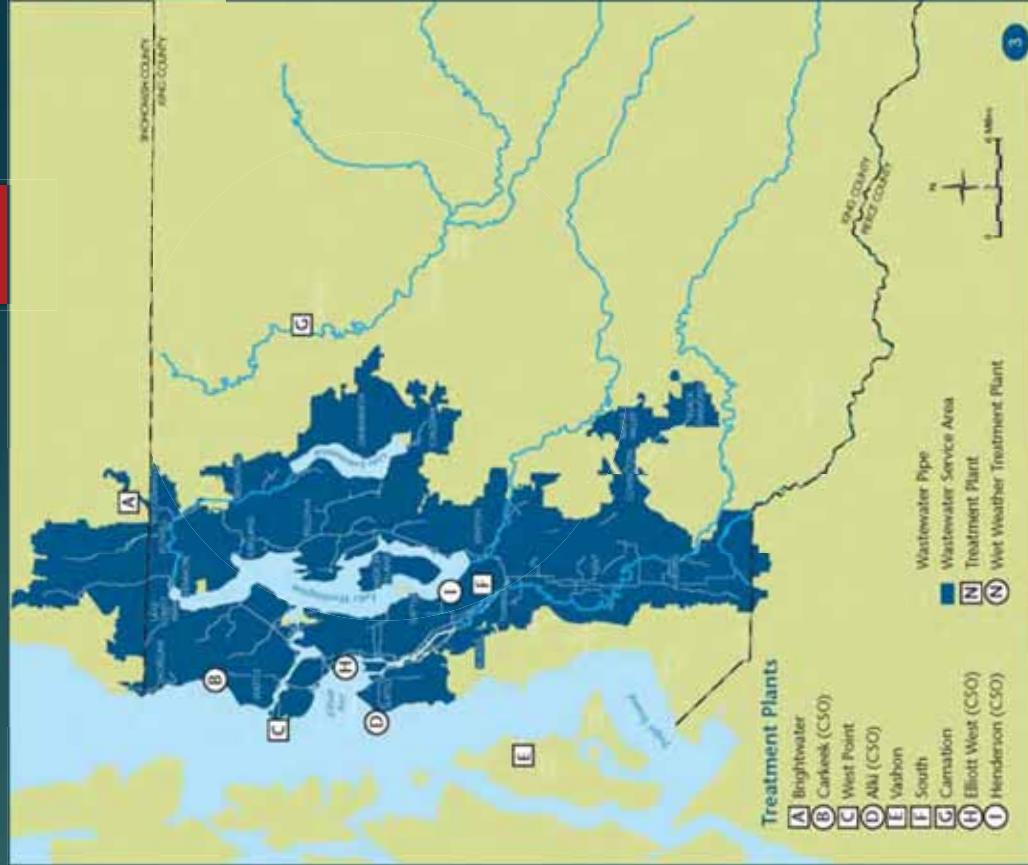
- Who we are: King County's Wastewater Treatment Division
- Our approach to project management
- WTD's philosophy and approach to public involvement
- How our public involvement approach served us on the Magnolia CSO Control Project...not once, but twice.



Who we are:

King County Wastewater Treatment Division

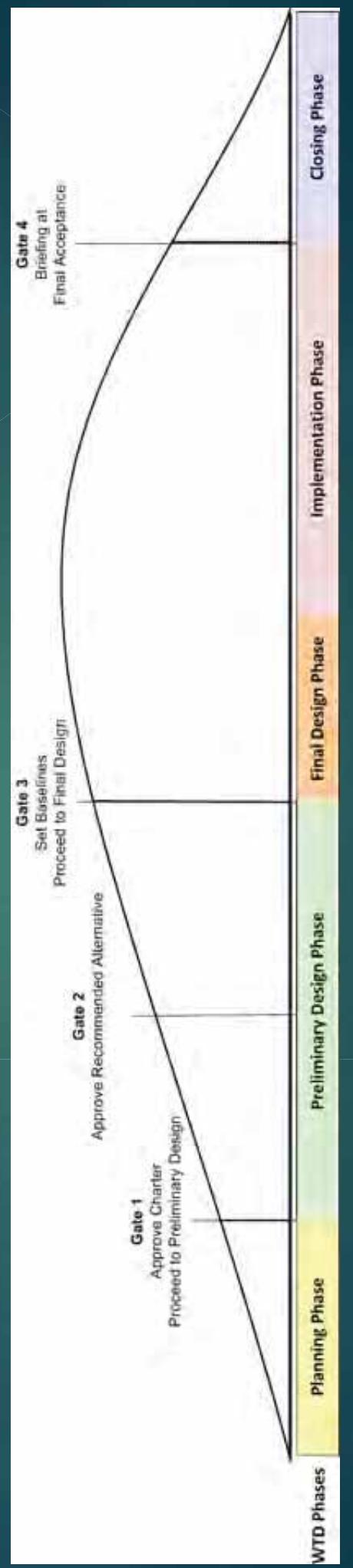
- Regional wastewater services provider serving 17 cities and sewer districts
- Over 400 miles of pipelines serving over 400 square miles
- On an average day, we're treating 180 million gallons of wastewater





Life cycle for a King County project

WTD manages capital projects based on the international standards of the Project Management Institute (PMI). These standards provide guidance through the our five phased-project life cycle: planning, preliminary design, final design, implementation and closeout.



Team Structure- Design

- King County and Consultant support
- Multi-disciplinary- Project Management, Project Control, Engineering, Real Property, Environmental, Cultural Resources, Permitting, Operations and Maintenance, Construction Management, Community Services

Team structure- Construction (Implementation)

- During construction, King County Construction Management oversees the project, sometimes with consultant CM Services
- Community Services supports the team and remains on callout. Additional support provided by other disciplines as needed.

Designing around a legacy of our past

Decisions made over 100 years ago affect our system and work today.



Combined
Sewer
System



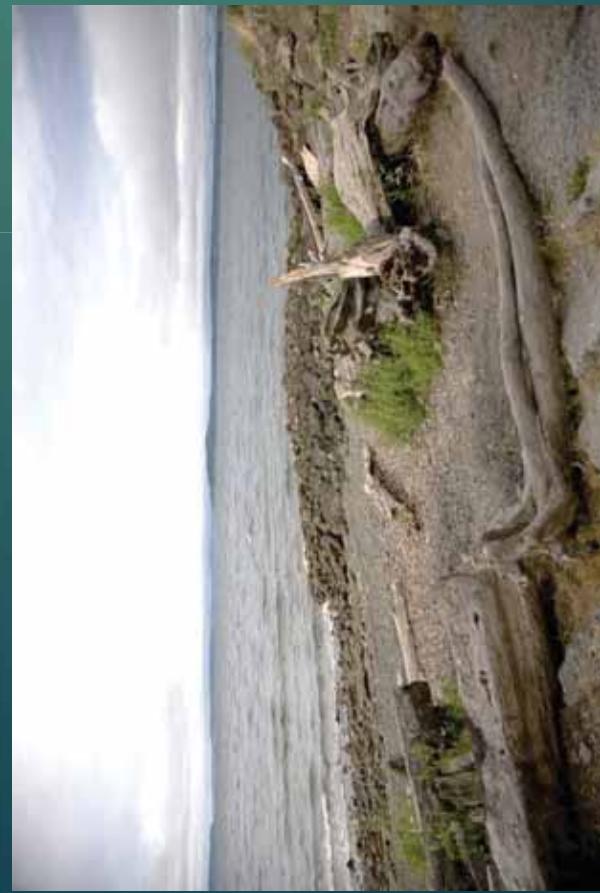
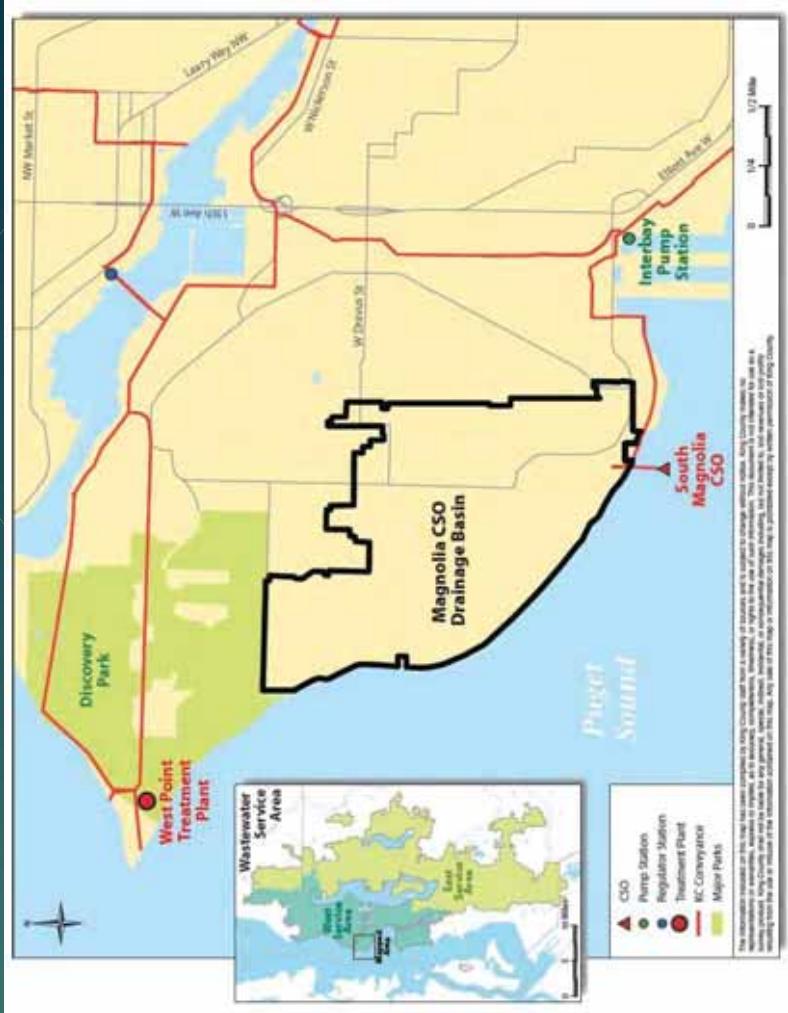
Separated
Sewer
System

Today, we build separated storm and sewer systems.



The problem we addressed in Magnolia

Flows exceeding system capacity were discharged untreated to Puget Sound on average 26 times per year



Project elements

- ▲ Diversion structure
- ▲ Conveyance pipe (3000 lineal ft) to send excess flow to tank
- ▲ 1.5 million gallon underground storage tank
- ▲ Odor control, electrical building

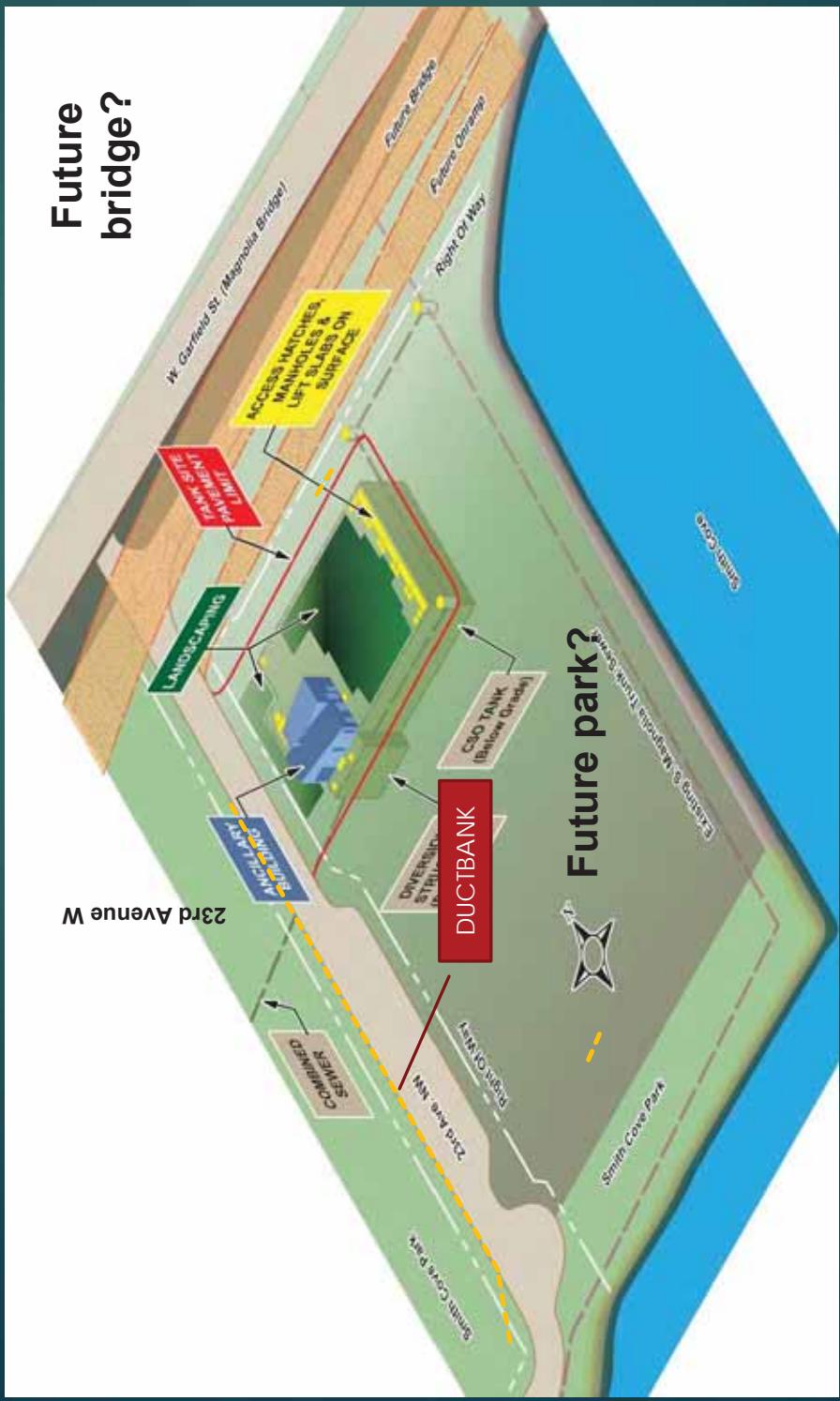


Project constraints created challenges

- Consent decree deadlines set for design and construction
- Property and easement acquisition
- Environmental review
- Permits

Designing around future uncertainty

Team had to predict footprint and design with major uncertainties about land use around the site.

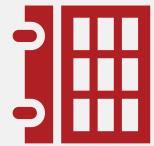


Magnolia Wet Weather Storage Facility Project

PLANNING- 2007-2010

DESIGN AND
PERMITTING 2010-2012

CONSTRUCTION-2013-
2015



Newsroom

Natural Resources and Parks
Public Affairs

King County investigating damaged sewer pipe in Magnolia

November 30, 2016

Summary

King County is investigating a break in a pipe that carries combined wastewater and stormwater flows to the County's Magnolia Wet Weather Storage Facility near Smith Cove in Seattle. A plan to repair the broken pipe will be developed once the exact location of the break is confirmed.

What happened next- a pipe repair project from 2016-2018



Community Outreach

IT TAKES THE WHOLE TEAM TO BE SUCCESSFUL

King County WTD's Community Services team



Public Outreach goals

Project

Community

Customers

Achieve “informed consent” - acceptance and understanding of project

Support County initiatives like Equity and Social Justice, True North, and Good Neighbor

Reduce risk to project by being proactive, responsive, and available

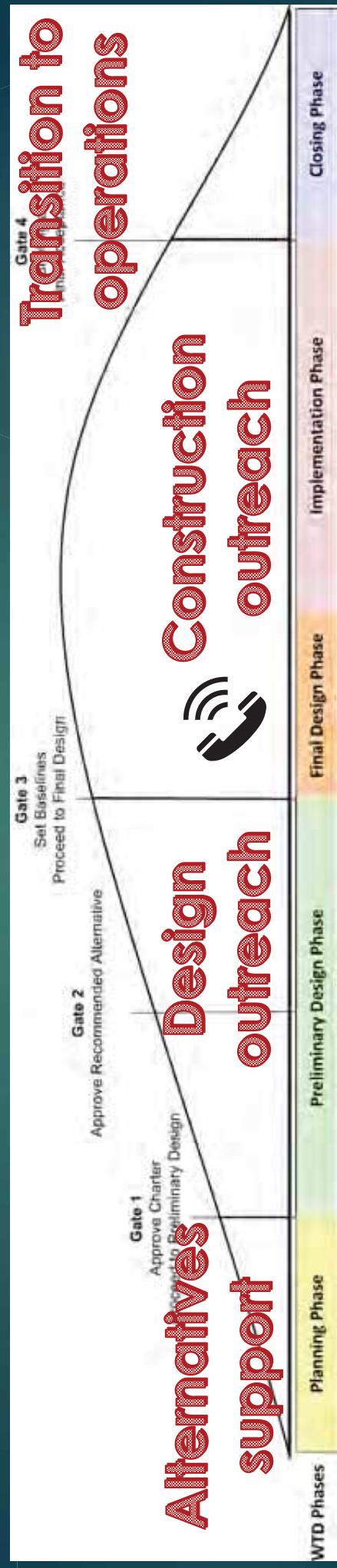
The “Bleiker Life Preserver” *(paraphrased)*

- There is a real problem or opportunity we must address
- We are the right agency to do this project
- Our approach is reasonable
- Even if this will be impactful, we are listening, and we do care



Institute for Participatory Management and Planning, www.consentbuilding.com.

Community outreach during the project life cycle



We identify community stakeholders

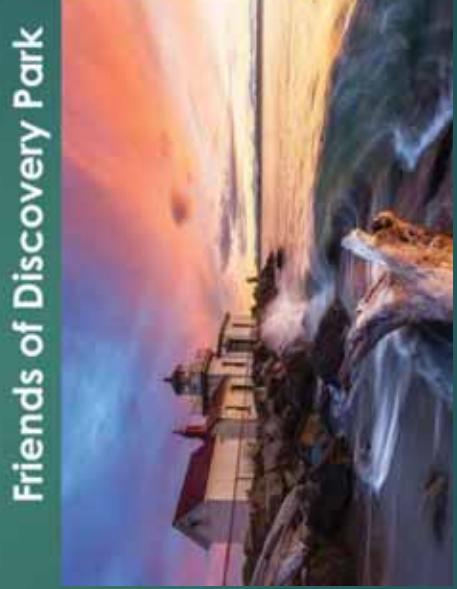
- Community groups
- Individual neighbors
- Business neighbors
- Port of Seattle's Neighbor Advisory Committee
- Magnolia Historical Society



Magnolia Neighborhood
Planning Council



City of Seattle Parks



Friends of Discovery Park



Seattle, WA