King County



South Magnolia CSO Control Project
March 3, 2011

carollo
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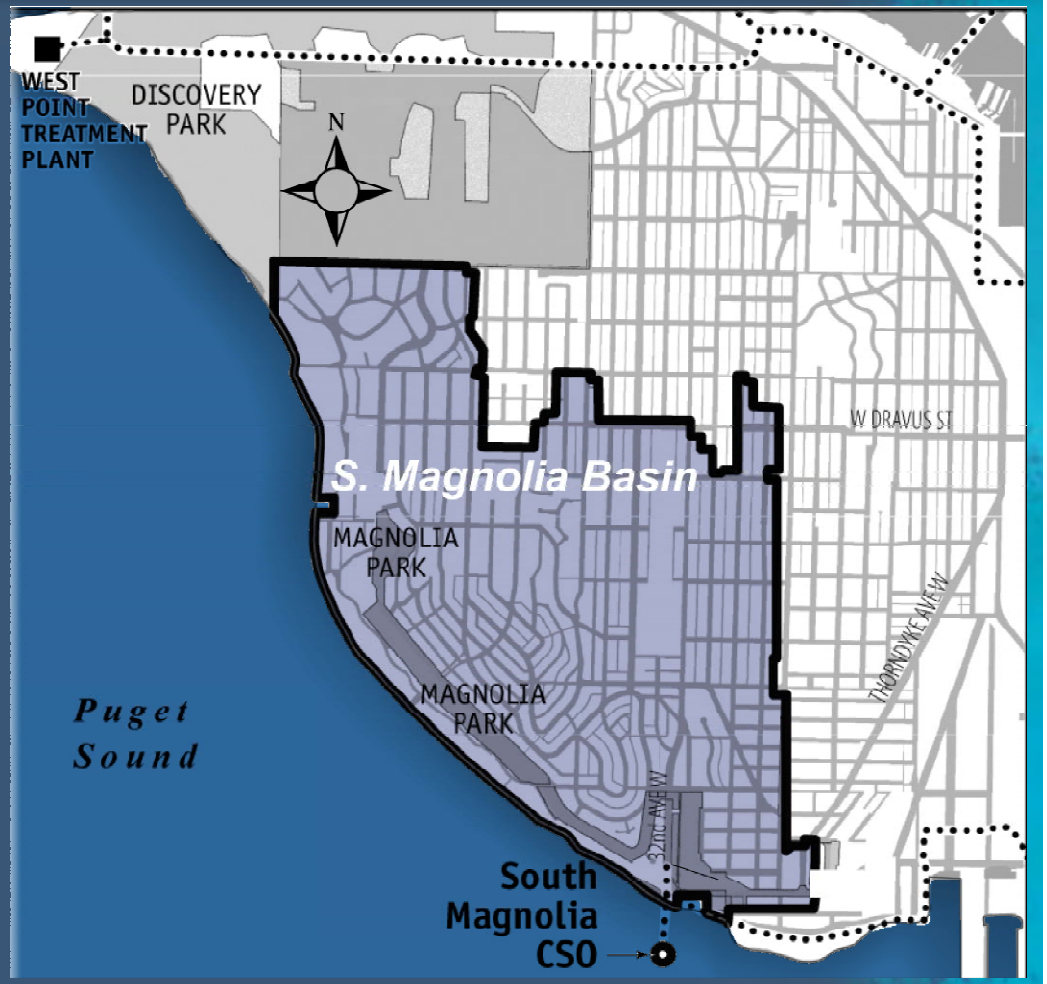
And Associated Firms

Why King County is here tonight: So. Magnolia CSO Project

- The need for CSO control in South Magnolia
- The county's CSO alternatives evaluation
- The county's recommended alternative: A 1.8 MG underground storage tank at Smith Cove/West Yard
- The county's timeline

The need for CSO control in South Magnolia

- Magnolia CSOs
  - Average 19 overflows per year



What is the CSO Control Requirement?

- One untreated event per year on average.
- Set by State Regulations (WAC 173-245).
- Deadlines for Magnolia CSO project are established by Ecology in the West Point National Pollution Discharge Elimination System (NPDES) permit for the West Point Treatment Plant.
- Design must be complete in 2012; construction must begin in 2013.

Project Work to Date

2007-2008:

Flow modeling, development of alternatives

2009-2010:

Evaluation of alternatives

- Community meetings October 2009, March 2010

Summer 2010:

Selection of recommended alternative

- Notification of property owners

Recommended proposal



Work ahead

- Underway now: Determine tank siting and equipment configuration. Select new design team.
- Spring 2011: Environmental review. SEPA threshhold determination/public comment period scheduled for mid April.
- Fall 2011: Begin detailed design.
- 2012: Complete design drawings and specifications
- 2013: Begin construction of CSO facility

Restoring the project area after construction





Boeing Creek Park, Shoreline- Underground Flow Control Structure

For more information….

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