Siting New Facilities

This plan calls for expanding existing facilities and siting many new ones, including a new treatment plant and outfall located in the vicinity of the North Service area, but the exact location of the new plant and outfall has not been decided. King County must identify a site quickly: at least 10 years are needed to design, permit, and construct the North Plant, so a suitable site for the plant and its outfall must be found by the year 2001.

For the new treatment and associated facilities King County envisions two key components of a workable siting process: (1) perform an assessment of available or underdeveloped large parcels of land, and (2) develop and implement a decision-making process.

King County would begin by examining large parcels of land in the vicinity of the North Service Area. A site of 30-60 acres will likely be needed. Issues would include size, environment, geography, social/economic issues, availability, zoning, ability to get required permits, access, community and political concerns, and potential local and regional benefits of a treatment plant. Local communities would be encouraged to offer specific parcels for consideration.

Once an inventory of sites is developed, King County would design a decision-making process that involves local communities in developing criteria and narrowing the field of candidate sites. We commit to a meaningful public involvement effort from the earliest stages of the siting process.

King County will shorten the list of sites using technical criteria as well as local community attitudes and priorities—values that will be reflected in the siting process and in subsequent mitigation. King County has developed amenities reflecting community interests with its wastewater projects in the past. Two examples include Waterworks Garden at the East Treatment Plant in Renton and the Interurban Pump Station in Tukwila.

The County’s goal is to construct a regional facility that enhances quality of life, not just in the region, but in the local area where the facility is sited.

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CONVEYANCE

- East Treatment Plant Conveyance 2000-2003
- North Treatment Plant Conveyance 2005-2010
- Water Conveyance Improvements Throughout the System 1996-2008

INFLOW & INFILTRATION (I/I)

- Assess Local System 2011
- Plan, Design & Construct Regionally Significant I/I Projects 2012-2015
- Amend Local Agency Contracts & Implement Executive L/S Exchange 2013 onward

CSO

- Design & Construct CSO Projects Along Beaches 2007-2010
- CSO Projects Along Downstream Locations 2011-2015

BIOSOLIDS

- Studies to Evaluate Alternative Technologies for Managing Biosolids Outputs 1995-2004
- Cost Design on Solids Dewatering at North Treatment Plant 2003-2005
- Final Decision on Solids Dewatering at North Treatment Plant 2004-2006
- Final Decision on Solids Handling at North Treatment Plan 2003-2005

WATER REUSE

- Undertaking Further Studies on Water Reuse Options 1999-2003
- Water Reuse Direct Non-Potable Plan Projects 1999 onward
- Water Reuse at Treatment Plants 1995 onward

FIGURE 7 - Executive's Preferred Plan Implementation Activities