



Legislation Text

File #: 2006-0025, **Version:** 1

Clerk 12/30/2005

A MOTION approving the King County Executive's Recommended Regional Infiltration and Inflow Control Program.

WHEREAS, the King County council adopted the Regional Wastewater Services Plan ("RWSP") by Ordinance 13680 on November 23, 1999, and

WHEREAS, the RWSP is an amendment to the King County Comprehensive Water Pollution Abatement Plan and serves as the policy basis for providing wastewater management services to the King County wastewater service area through 2030 and beyond, and

WHEREAS, the RWSP contains policies relating to the control of inflow and infiltration ("I/I"), which is clean storm or groundwater, into the regional wastewater collection and treatment system, and

WHEREAS, the RWSP I/I policies guided a cooperative process undertaken from 2000 through 2005, between King County and the local sewer agencies it serves, that studied the methods, costs and effectiveness of identifying and reducing I/I in local sewage collection systems, and

WHEREAS, during this six-year study, the levels of I/I in local collection systems were assessed through extensive flow monitoring and modeling, various I/I reduction pilot projects were undertaken, and a thorough benefit/cost analysis was completed to evaluate the cost-effectiveness of I/I reduction efforts, and

WHEREAS, the results of these analytical efforts of the county and local agencies have demonstrated that I/I can be quantified through monitoring and modeling, that it can effectively be removed through targeted I/I reduction efforts and that removal is cost-effective in certain identified project areas, and

WHEREAS, implementation of cost-effective I/I reduction projects would be funded from existing

budget for the otherwise needed conveyance system improvement projects, and

WHEREAS, the goal of a Regional Infiltration and Inflow Control Program will be to maximize savings in capital costs for conveyance system improvements by reducing peak I/I flows where cost-effective, and thereby reducing, delaying or eliminating the need for otherwise planned conveyance system capacity, and

WHEREAS, the Regional Infiltration and Inflow Control Program recommendation also includes measures for long-term control for the prevention of future increases in I/I throughout the regional wastewater collection system, and

WHEREAS, the King County executive's recommendation for a long-term Regional Infiltration and Inflow Control Program reflects the results of the six-year study undertaken pursuant to the RWSP and the consensus reached between King County and the local agencies on major elements of a regional I/I control program,

NOW, THEREFORE, BE IT MOVED by the Council of King County:

The Executive's Recommended Regional Infiltration and Inflow Control Program, Attachment A to this motion, is hereby approved.