

STAFF REPORT**Water Use Efficiency Goal**

To: Mayor Samuelson and Members of the City Council

Date of Report: July 26th, 2010

Staff Contact: Challis Stringer, Director of Public Works *CMS*

Meeting Date: August 16, 2010

Agenda Item: PUBLIC HEARING – Water Use Efficiency Goal
First Reading – Water Use Efficiency Goal

Attachments: Draft Resolution for Six Year Water Use Efficiency Goal

This staff report presents a public hearing and a draft resolution proposing a six year water use efficiency goal of reducing residential water use by 1% in the summer months of July and August by September 1st, 2016.

BACKGROUND

In 2003, the Washington State Legislature passed Engrossed Second Substitute House Bill 1338, better known as the Municipal Water Law, to address the increasing demand on our state's water resources. The law established that all municipal water suppliers must use water more efficiently in exchange for water right certainty and flexibility to help them meet future demand. The Legislature passed requirements in the Washington Administrative Code (WAC) 246-290 and directed the Department of Health to adopt an enforceable Water Use Efficiency (WUE) program, which became effective in January of 2007.

The WUE requirements emphasize the importance of measuring water use and evaluating the effectiveness of our WUE program. There are three fundamental elements to the program; planning requirements, distribution leakage standard, and goal setting and WUE reporting. The City is required to collect data, forecast demand, evaluate WUE measures, calculate distribution system leakage and implement a WUE program to meet our goals. We are also required to meet a distribution system leakage standard of 10% or less to minimize water loss from our distribution system. In addition, we are required to set WUE goals and report them annually.

The Utility Committee supports this goal, as our highest usage of water is during these two months. This goal would reduce our operating costs as well as ensure reliable water supplies in the future. The goal also includes targeting the highest populated time frame in the City, thus reaching the highest number of consumers. In addition this goal is set for six years to coincide with our water system plan update.

RECOMMENDED ACTION

This is the first reading of the Resolution for the water use efficiency goal. No final action will be taken.

CITY OF LANGLEY, WASHINGTON
RESOLUTION NO. _____

A RESOLUTION OF THE CITY OF LANGLEY, WASHINGTON,
Adopting a Six Year Water Use Efficiency Goal.

WHEREAS, in 2003 the Washington State Legislature passed Engrossed Second Substitute House Bill 1338, better known as the Municipal Water Law, to address the increasing demand on our state's water resources; and

WHEREAS, the law established that all municipal water suppliers must use water more efficiently in exchange for water right certainty and flexibility to help meet future demand; and

WHEREAS, the Legislature passed requirements in the Washington Administrative Code (WAC) 246-290 and directed the Department of Health to adopt an enforceable Water Use Efficiency (WUE) program, which became effective January of 2007; and

WHEREAS, the WUE requirements emphasize the importance of measuring water use and evaluating the effectiveness of our WUE program, and there are three fundamental elements to the program: planning, distribution leakage standards, goal setting and WUE reporting; and

WHEREAS, the City's Utility Committee supports the goal of reducing residential water use by 1% in the summer months of July and August to reduce our operating costs as well as ensure reliable water supplies in the future; and

WHEREAS, this goal also includes targeting the highest populated time frame in the City, thus reaching the highest number of water consumers.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Langley, that the City does hereby adopt a Water Use Efficiency goal of reducing residential water use by 1% in the summer months of July and August by September 1, 2016. This goal is set for six years to coincide with the City's Water System Plan update.

PASSED by the City Council of the City of Langley, Washington, at a regularly scheduled meeting held this ___ day of _____, 2010.

PAUL O. SAMUELSON, Mayor

ATTEST:

DEBBIE L. MAHLER, Director of Finance/Clerk

Resolution No.