

**MEMORANDUM**

**CITY OF SPRINGFIELD**

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**DATE :** January 21, 2009

**TO:** Springfield Planning Commission **TRANSMITTAL  
MEMORANDUM**

**FROM:** Mark Metzger, Planner

**SUBJECT:** WILLAMETTE WELLFIELD DELINEATION AMENDMENT

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**ISSUE:** A public hearing before the Planning Commission is scheduled for February 18<sup>th</sup> to consider a proposed amendment to the delineation of the time of travel zones within the Willamette Wellfield in southwest Springfield. Such amendments are processed like zone changes and require a public hearing before the Commission. The Commission will issue a decision on the matter as opposed to making a recommendation to the City Council.

SUB representatives and staff will brief Commission members on the nature of the proposed wellfield delineation amendments and their impact on the area. No action will be required by the Commission at this work session.

**DISCUSSION:** In March of 2007, the Springfield Utility Board (SUB) and the City began the re-certification process for *Springfield's Drinking Water Protection Plan (Plan)* at the request of the Oregon Department of Environmental Quality (DEQ). The DEQ and the Oregon Public Health Division Drinking Water Program (DWP) share responsibility for oversight of the drinking water protection programs in the state. As part of the re-certification process, SUB was required to provide information on "any conditions that could potentially modify the boundaries of the wellhead protection area."

In the process of constructing the Willamette Slow Sand Filtration Plant in 2002, SUB developed a perimeter drain well in the Willamette Wellfield with a production capacity of 1200 gallons per minute. This improvement to the production capacity has significantly changed the boundaries of the wellhead time of travel zones within the Willamette Wellfield. **This change has precipitated the need to update the Willamette Wellfield time of travel zones (TOTZs) on the Drinking Water Protection Area Map as part of state re-certification of the *Plan*.**

The Willamette Wellfield is located south of the millrace and east of the Springfield Quarry and Dorris Ranch. This proposal is to amend the TOTZ boundaries for the Willamette Wellfield only. No other wellfield TOTZ boundaries are affected.

**ATTACHMENTS:**

Attachment 1: Former Time of Travel Zones  
Attachment 2: Revised Time of Travel Zones