The implementation phase of the Reclaimed Water Infiltration Study began in September 2014 and continued into 2016 with fieldwork, data analysis, and continued public involvement. The following is a summary of study-related activities that have occurred since the last email update in May 2015:

- In February, May, August, and October 2015, water samples were collected at the Budd Inlet Reclaimed Water Plant and Martin Way Reclaimed Water Plant to characterize LOTT’s wastewater and reclaimed water.
- Groundwater sampling was completed from April to June and August to September 2015 to characterize the background water quality near current and potential infiltration sites. Groundwater sampling included private wells, public wells, and springs at 27 locations in the Hawks Prairie area and 30 locations in the Henderson Boulevard area.
- From August to December 2015, surface water in the Woodland Creek and Deschutes River watersheds was sampled on multiple dates to characterize background water quality. Low-flow, high-flow, and first flush sampling occurred in both watersheds.
- Laboratory analysis and comprehensive data validation was completed for all samples.
- Technical memorandums are being prepared to summarize the fieldwork and water quality sampling completed to date. The Science Task Force will review and revise the draft memos, which are expected to be complete by late summer 2016.
- Planning for the infiltration tracer test began in late 2015 and continued into 2016. To prepare for the tracer test, field staff will be installing additional monitoring wells and new test instruments, and will perform an aquifer pump test at LOTT’s Hawks Prairie Reclaimed Water Ponds and Recharge Basins site. The City of Lacey recently installed a monitoring well west of LOTT’s Hawks Prairie site, and agreed to allow LOTT to use the well as part of the tracer study. The tracer test is expected to start in late 2016.
• The Community Advisory Group for the study met in June 2015 for an update on field work, quality assurance, state-level policy, and public involvement activities. The next meeting of that group is planned for summer 2016.
• The next meeting of the Peer Review Panel is anticipated for fall 2016. The group will meet in Olympia to review plans for the tracer test.
• Several new exhibits were installed in LOTT’s WET Science Center in December 2015. One of the new exhibits describes the Reclaimed Water Infiltration Study and asks for feedback. Another shares source control messages, encouraging proper disposal of medicines and household and personal care products to keep unwanted substances out of wastewater.

For more information about the study, please visit LOTT’s website at www.lottcleanwater.org/groundwater.htm.

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