



# City of Oregon City

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## Staff Report

File Number: 19-282

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**Agenda Date:** 5/15/2019

**Status:** Agenda Ready

**To:** City Commission Work Session

**Agenda #:** 3a.

**From:** Public Works Director John Lewis

**File Type:** Presentation

### **SUBJECT:**

Sanitary Sewer Infiltration and Inflow Program, Proposed Capital Improvement Program, and Policy Discussion on Impacts to Customers

### **RECOMMENDED ACTION (Motion):**

Project update. No action is needed at this time.

### **BACKGROUND:**

The City's 2014 Sanitary Sewer Master Plan (SSMP) recommended further investigative work to reduce sewer Infiltration and Inflow (I & I) in Oregon City. In the past 4 years, CCTV inspection, smoke testing, and additional flow monitoring were performed for continuation of the study work recommended in the SSMP.

Rob Lee, P.E., who will be leading the presentation, is a principal engineer with Murraysmith, Inc. and is recognized as a national expert on I & I condition assessment technologies and sewer system rehabilitation. Murraysmith is currently under contract for services related to the City's I & I abatement program. Murraysmith has provided engineering assistance for further interpretation of testing results, assistance with planning further pipe condition assessment efforts, and development of short, medium and long-term correction Capital Improvement Project programs. Tasks also include developing policy and construction standards for rehabilitation or replacement of private laterals and disconnection of inflow sources such as gutter downspouts and foundation drains.

The presentation will highlight final conclusions and explain next steps for capital improvements and private property I & I policies the City will need to consider in its efforts to effectively reduce subsurface groundwater water infiltration and stormwater inflow.