



# *City of Stevenson*

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To: Stevenson City Council  
From: Leana Johnson, City Administrator  
RE: Sewer Plant Update  
Meeting Date: October 18, 2018

## **Executive Summary:**

This is an overview of items staff has been working on over the past month in line with the direction council gave to staff.

## **Overview of Items:**

### BOD5 Testing:

The BOD5 testing was completed and a meeting with the users, staff, councilmembers, Port of Skamania, EDC, Wallis Engineering and the Department of Ecology met on October 2<sup>nd</sup> to discuss the results of the report. There was consensus that the results were valid and a discussion about where we go from here. Due to the varied production between each of the users, staff will work with each Significant Industrial User on a contract that will determine their rates and BOD limits.

### Plant Operations:

The city is still in the process of hiring a Wastewater Treatment Plant Operator. We expect to have a new employee by the end of October.

The city has begun hauling solids to Three Rivers in Kelso, WA for processing. This will be an increased cost from Vancouver due to the further location and increased processing costs. The city had to change due to the requirement that the solids be put to beneficial use. Vancouver incinerates the solids and is grandfathered in for that practice. Vancouver can be used in an emergency. We are continuing to look at other options and working to process the solids down to a Class B. While it would be more expensive to process them down to a Class A solid, the product is much easier to dispose of. This will be researched more in depth as we go through the design process of the upgraded facility.

The average Influent BOD load for 2018 has been:

- Jan 675 lbs/day – No Effluent Violations
- Feb 1,793 lbs/day – No Effluent Violations
- March 1,099 lbs/day – BOD and TSS Effluent Violations
- April 991 lbs/day – BOD and TSS Effluent Violations
- May 1,265 lbs/day – BOD and TSS Effluent Violations
- June 1,124 lbs/day – No Effluent Violations
- July 920 lbs/day – Low pH Violation (one day)
- August 1,113 lbs/day – No Effluent Violations

The current permit limit for Influent is 612 lbs/day and the current upgrades in the adopted General Sewer Plan call for a design max monthly BOD loading of 1,611 lbs/day.

Funding:

The contract with Tetra Tech for the CERB feasibility study is on the agenda for ratification. The study will result in a final direction for the upgrades and an update to the wastewater facilities plan.

The contract with the Department of Ecology for the design phase of the wastewater system is not expected until the beginning of 2019. After a direction for the design is chosen the city will release an RFQ for the design phase.

The city received notification of a potential EPA grant for resource recovery and is awaiting notification of the grant application. The city submitted a project brief for eRIDE (enclosed) and it was one of eight projects that was selected to submit a final application. This will supplement the CERB study and can run concurrently with other portions of the project.

In preparing a project proposal for the EDA grant, it was discovered there is no easement or property control for the fairgrounds lift station. In order to apply for the grant, the city will need to obtain either a lease or easement for the property. A property survey is being conducted and staff will work with the county to move forward.

Communications:

There has been a series of Op Ed articles regarding the wastewater project in the Skamania County Pioneer. We will continue to use this form of communication with the public as updates occur.

Action Needed:

None.