



# *City of Stevenson*

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To: Stevenson City Council  
From: Leana Johnson, City Administrator  
RE: Sewer Plant Update  
Meeting Date: December 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:**

### **Plant Operations:**

The city has reduced solids hauling to Three Rivers the past few weeks saving on hauling and processing costs.

We will be doing a screen sample to determine whether or not increased screening at the headworks would have an impact on reducing BOD processing at the plant. Depending on the results we may perform a more expensive test run of the advanced screening technology.

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
- September 1,439 lbs/day – Low pH Violation (one day)
- October 1,072 lbs/day – No Effluent Violations
- November 1,032 lbs/day

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 CERB feasibility study is moving forward. Minutes from the November 19<sup>th</sup> meeting are included in the council packet and the December 3<sup>rd</sup> workshop was very productive. The team is wrapping up their analysis for review and preparing for the January 3<sup>rd</sup> meeting where the committee will recommend an alternative or alternatives to council. There will be a special council meeting on January 10<sup>th</sup> and a Public

Hearing on January 17<sup>th</sup>. 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 an EPA grant supporting local infrastructure for Anaerobic Digestion and applied by the November 30<sup>th</sup> deadline. The project the city will apply for will be around resource recovery, will supplement the CERB study and can run concurrently with other portions of the project. We will find out in early 2019 the status of our application.

In preparing a project proposal for a \$4M EDA grant (20% city match), it was discovered there is no easement or property control for the fairgrounds lift station. In order to apply for the grant, the city is working with the county to obtain an easement for the property. This should happen within the next couple of weeks and allow for the application to move forward.

Communications:

Staff will be working on a flyer to customers to discuss the current schedule and communicate the rate increases for 2019.

**Action Needed:**

None.