



# *City of Stevenson*

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To: Stevenson City Council  
From: Leana Johnson, City Administrator  
RE: Sewer Plant Update  
Meeting Date: July 19, 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:**

### **Value Planning:**

The Value Planning workshop took place on June 6<sup>th</sup> and a final report was posted on the city's website and sent to council on July 3<sup>rd</sup>. This report (attached) outlines 5 key strategies that emerged from the design charette:

1. Side-Streaming and Resource Recovery
2. Satellite Treatment Systems
3. Upgrade Wastewater Treatment Plant to Increase BOD Removal and Meet Regulatory Requirements
4. Botanical Garden
5. Waterfront Brewery District

Staff would like direction on which strategies to pursue. The CERB Feasibility Study grant will then be used to further analyze those chosen strategies.

### **BOD5 Testing:**

The BOD5 testing continues with samples being delivered to BSK Labs in Vancouver four times a week, which includes one Saturday delivery. Again, the staff time taken for this effort is being tracked separately to better gauge the effort involved. We have received test results back and Wallis Engineering is compiling the data. We anticipate a final report by the next council meeting.

### **Plant Operations:**

There was an oil sheen at the plant a couple weeks ago that has since dissipated. Ecology was notified and an inspector visited. They did not seem overly concerned as the amount was minimal and mostly resolved when they arrived.

We will be reposting the Wastewater Treatment Plant Operator position to try to gain a larger pool of certified applicants to choose from.

The fairgrounds lift station continues to have challenges. One pump is being repaired, if possible, which leaves only one pump operating at the station. When the second pump returns, the other pump will then be removed for repair as well.

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 – 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 for the Community Economic Revitalization Board feasibility study grant has been signed and the RFQ for engineers will be published as soon as the city decides on a way forward.

Compliance Schedule:

The responses received from the Industrial User Survey has been sent to DOE. Staff continues to follow-up on the approximately 30 remaining users that have not responded.

Action Needed:

Direction on which of the 5 key strategies from the value planning workshop to pursue.