



# *City of Stevenson*

*Leana Kinley, City Administrator*

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To: Stevenson City Council  
From: Karl Russell, Public Works Director and Leana Kinley, City Administrator  
RE: Sewer Plant Update  
Meeting Date: March 19, 2020

## **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:**

Staff will be attending a two-day Waste Water Treatment class at our WWTP provided by Ron Moeller and Brad Musick. Along with great information, Continuing Education Units will be earned as well. Data is showing that we may be able to reduce hauling of bio-solids to one day a month. This will probably increase during spring and summer months due to heavier loadings on the plant but for the month of March a total of 15,000 gallons was hauled out of our plant. Two loads were sent to Hood River WWTP and one load to Three Rivers WWTP.

The plant continues to see marked improvement with the sidestreaming efforts of Backwoods Brewing, Walking Man and LDB, Inc.

The average monthly Influent BOD load has been:

### **2018**

- January 675 lbs/day – No Effluent Violations
- February 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 – No Effluent Violations
- December 807 lbs/day – No Effluent Violations

### **2019**

- January 776 lbs/day – Solids washout from clarifiers on 29<sup>th</sup> and 30<sup>th</sup>, TSS and BOD Effluent Violations
- February 749 lbs/day – Solids washout from clarifiers on the 18<sup>th</sup>.
- March 803 lbs/day – Solids washout from clarifiers on March 13<sup>th</sup>, TSS Effluent Violation

- April 589 lbs/day – Solids washout from clarifiers on April 1<sup>st</sup>
- May 1,067 lbs/day – No Effluent Violations
- June 897 lbs/day – No Effluent Violations
- July 785 lbs/day – No Effluent Violations
- August 833 lbs/day – No Effluent Violations
- September 720 lbs/day – No Effluent Violations
- October 810 lbs/day – No Effluent Violations
- November 620 lbs/day – No Effluent Violations
- December 588 lbs/day- No Effluent Violations

#### 2020

- January 417 lbs/day- No Effluent Violations
- February 270 lbs/day- No Influent/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.

#### WWTP Design:

Final design of the WWTP will be delivered to D.O.E. in June of this year. D.O.E has 60 days to review and approve the design.

#### Funding:

Both applications for USDA and EDA for the lift station project are moving forward. Staff continues to answer questions as it moves through the process. The total project amount is \$5,068,000 and 80% would be covered by the grant and the remaining 20% will be covered by a USDA loan that the city is in the process of obtaining.

#### Compliance:

The draft amendment to the Administrative Order is still in process. When it is finalized it will require additional testing.

The contracts with Significant Industrial Users are still in process. The second reading of a change to the ordinance is presented at the March meeting to allow contracts with long-term tenants versus only property owners.

#### Action Needed:

None