



City of Stevenson

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To: Stevenson City Council
From: Leana Johnson, City Administrator
RE: Sewer Plant Update
Meeting Date: September 20, 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 is now complete. The final sample went to the lab on Friday August 3rd. A final report will be completed by the end of next week and we will schedule a meeting with the users and Department of Ecology the week of October 1st.

Plant Operations:

The plant continues to have foaming events. They have remained minor, but are persistent.

We have reposted the Wastewater Treatment Plant Operator II or III position to try to gain a larger pool of certified applicants to choose from. After talking with Department of Ecology the city will move forward with the hiring process.

The city was notified of the increased cost to solids delivered to the Hood River plant. Staff received permission to continue to haul excess solids to Vancouver for processing until the end of September. Thursday there will be a test run to Three Rivers in Kelso, WA for processing. If all goes well, the solids will be transported to that facility. This will be an increased cost from Vancouver due to the further location and increased processing costs. 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

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:

Interviews for engineers that submitted an RFQ for the CERB Feasibility Study will wrap up on Tuesday the 18th. While there may be an engineer selected prior to the council meeting, a contract will not be ready until the October meeting.

The contract with the Department of Ecology for the design phase of the wastewater system is moving forward. A draft scope of work is completed and additional required forms are being filled out. After discussions with DOE, a contract for approval should not be anticipated until early 2019.

The city received notification of a potential EPA grant for resource recovery. The city submitted a project brief for eRIDE (enclosed) and it was one of eight projects that was selected to submit a final application. The notification for the grant will be out on October 1st and needs to be submitted within 30 days. 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. The last one will be published next week on the topic of funding.

Action Needed:

None.