



City of Stevenson

Leana Kinley, City Administrator

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To: Stevenson City Council
From: Leana Kinley, City Administrator
RE: Sewer Plant Update
Meeting Date: October 17, 2019

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:

Plant contract operator Jacobs informed the city they will terminate their contract on Dec. 31, 2019. Staff has been discussing options with Jacobs if we do not have a certified operator to take over by the end of the year. Other local contract operators have been researched as well in an effort to save costs over hiring another full-time employee at the plant. Hood River has confirmed they will continue to take a portion of our solids as they have been doing and we'll work on a getting a contract in place by the end of the year.

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

- April 589 lbs/day – Solids washout from clarifiers on April 1st
- 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

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:

Wallis Engineering will present the draft design and updated costs to council. The PowerPoint presentation attached is part of the presentation.

Funding:

The city received a Notice of Further Consideration for the its EDA application for lift station improvements and flood protection at the wastewater treatment plant. 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. The city requested the deadline be extended to November 29th in order to complete the environmental requirements requested in the notice.

Staff is responding to questions on the USDA application for the EDA match and obtaining the additional paperwork needed for the loan, which includes a Cultural Resources survey.

Compliance:

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

Staff met with the Department of Ecology (DOE) and the Rural Community Assistance Corporation (RCAC) to kick off a rate study on Oct. 15th. RCAC will also provide support for the development of an Industrial Pretreatment Program. These services will be paid for through DOE and other sources, at no cost to the city.

The City's moratorium on commercial connections above residential strength expires on November 15th, 2019. A Public Hearing will be held on November 14th at the special meeting to propose extending the moratorium for another year.

Action Needed:

None.