



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: March 17, 2022

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.

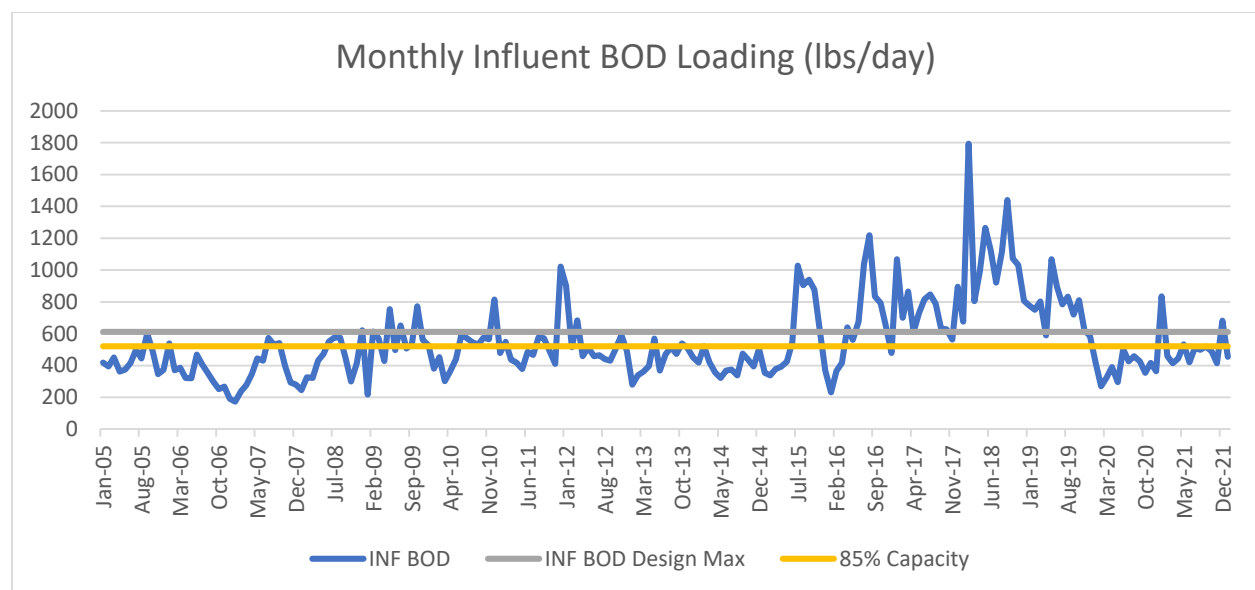
Overview of Items:

Staff continues to troubleshoot challenges at the plant. Additional biosolids hauling will take place until we can get the volume down and address settling issues. There has also been high influent pH levels and staff is monitoring the system to determine where it may be coming from. A meeting will be scheduled with the Significant Industrial Users, Devon Groom, Carolyn Sourek, and Jacek Anuszewski from DOE for introductions and discussion on discharge contracts.

Instapipe is wrapping up the slip lining of the sewer collection system along School Street (originally planned/budgeted for 2021). While they were here, we had them inspect a section of line in the Montell Terrace area. There was a section of line where rocks could be seen, indicating erosion of the pipe. They are preparing a quote for repairs, which are able to be done without excavation.

Plant Operations:

The average monthly Influent BOD load since 2005 is in the chart below.



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:

Pre-construction meetings are scheduled for March 15th for both the Main D Extension and the Phase 1 Collection System Improvements projects. More detailed construction schedules are anticipated at that time. Staff is working on information about the project to disseminate to residents adjacent to each project as well as the community after the meeting.

A pre-bid meeting for the wastewater treatment plant will take place on March 16th and bids are due on March 30th. This schedule keeps us on track for being able to close-out the project in 2023.

All equipment contracts have been signed and Notice to Proceeds have been issued. Designs and specs for the 7 pieces of equipment are being reviewed and everything remains on schedule. The equipment storage will be the requirement of the construction contractor.

Funding:

The \$2.5M in direct federal appropriations requested last spring has finally been approved. Staff will reach out to determine the process on when these funds can be used and the process. The breakdown on all funding received for the project to date is below.

	Budget	Loan	Forgivable Principal	Grant
WW Upgrades Design	2,000,000	960,000	400,000	
WW Collection System Upgrades	5,100,000	873,000		4,125,000
WW Treatment Plant Construction	9,600,000	8,700,000	900,000	2,500,000*
Main D Extension	300,000	270,000	30,000	
Totals:	17,000,000	10,803,000	1,330,000	6,625,000
Amount of Funding:	42% Grant and Forgivable Principal			
*\$2.5M direct federal grant applied for to reduce the \$8.7M loan, or be applied to other WWTP phases				
Loan terms:	DOE Loan 1: 2.0% interest, 20-years, \$61k est. annual payment			
	DOE Loan 2: 1.5% interest, 30-years, \$375k est. annual payment			
	USDA Loan: 1.375% interest, 40-years, \$29k est. annual payment			

Action Needed:

None.