



# 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: April 21, 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.

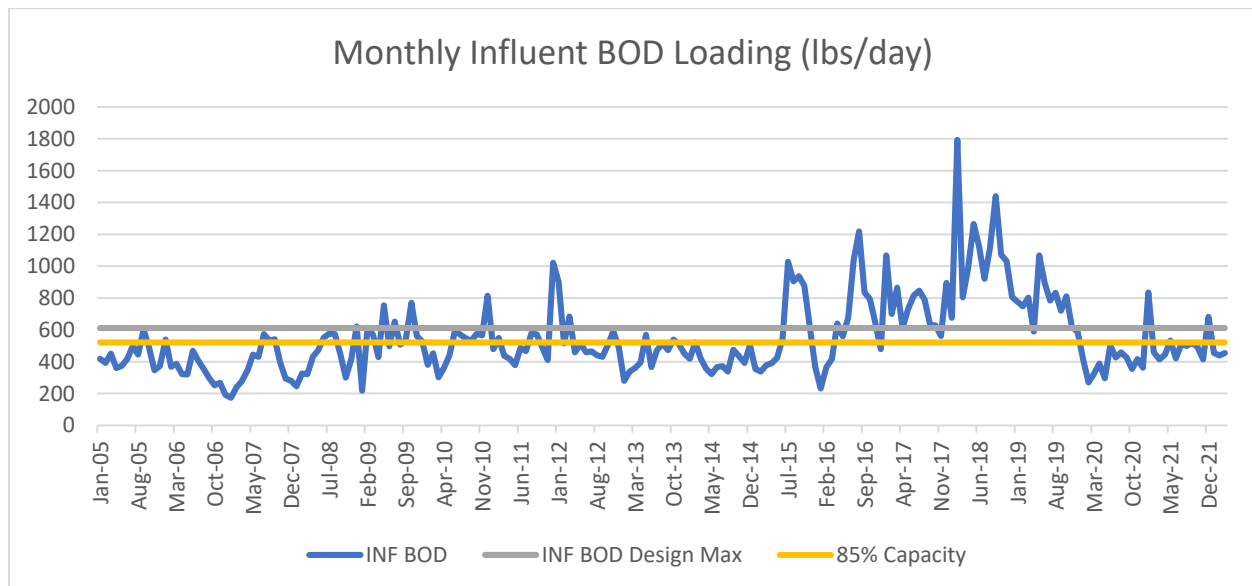
## Overview of Items:

Staff continues to troubleshoot challenges at the plant. Biosolids volume is down, and staff is working to keep the level low through dewatering and improving processes. The report on the site visit by Ecology is attached, which states our system is in fair condition. The last site visit did not result in such a favorable report and identified safety issues which the city was fined for. Staff has done a great job in improving the plant condition.

Instapipe has completed slip lining of the sewer collection system along School Street (originally planned/budgeted for 2021) as well as a section of line in the Montell Terrace area. There will be a budget amendment for the 2021 project slip.

## 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:

Construction has begun for both the Main D Extension and the Phase 1 Collection System Improvements projects. More detailed updates can be found online at ci.stevenson.wa.us.

The Wastewater Treatment Plant Upgrade construction bids were opened on April 13<sup>th</sup> and the apparent low bidder was Stellar J with a bid of \$10.3M, 7.7% higher than the engineer’s estimate of \$9.6M. Prior to the bid we talked with DOE regarding options in the event the bids were high. If the \$2.5M in direct federal appropriations cannot be spent on this phase of the project, there is a possibility of increasing the loan amount to finance the difference.

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. There is no update 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	
<b>Totals:</b>	<b>17,000,000</b>	<b>10,803,000</b>	<b>1,330,000</b>	<b>6,625,000</b>
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.