



# *City of Stevenson*

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To: Stevenson City Council  
From: Carolyn Sourek, Public Works Director  
RE: Sewer Plant Update  
Meeting Date: May 18, 2023

## **Executive Summary:**

This is an overview of items staff have been working on over the past month in line with the direction council gave to staff.

## **Overview of Items:**

The plant continues to operate within its permit limits for total suspended solids (TSS), biochemical oxygen demand (BOD), and bacteria for its effluent. Clarifier 2 was drained for the season and the interior will receive maintenance this summer.

The WWTP Plant Upgrade project contractor, Stellar J, has completed the majority of larger basin pours and has begun backfilling. There remains a few repairs to be completed on the anoxic basin. The contractor has begun to shift their focus to the lab building renovations and running the labyrinth of conveyance lines within the WWTP site footprint. The City has decided to go with a more economic approach for vac truck dumping – details are forthcoming.

Additional training was provided for operation of the Rock Creek Pump Station and 2021 Collection System Improvements Project has only three minor items to be completed to close the project.

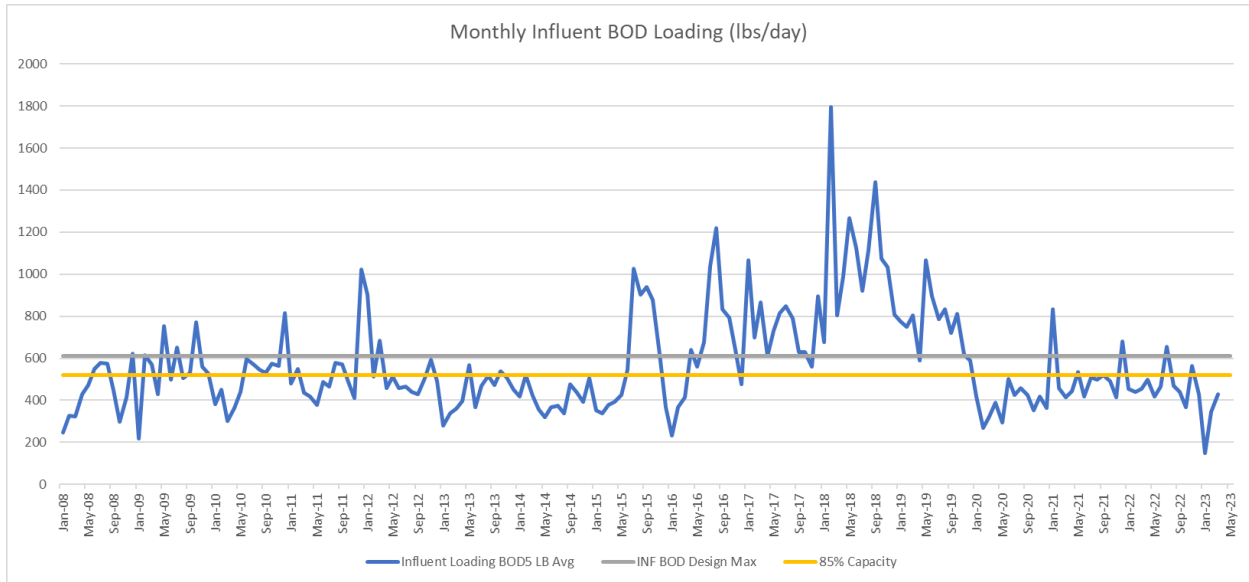
The 99.9% design plans for the Kanaka, Cascade, and Fairgrounds pump stations have been received, reviewed, and returned to the consultant engineers. Advertisement is still expected in June. The City hopes to procure some equipment in advance of the contract award to reduce potential lead time impacts.

The City continues to seek funding for the Cascade Ave Utility Improvements project and hopes to construct in 2024.

Great news! The fish WERE SPOTTED! They were just waiting for some sunshine.

## **Plant Operations:**

The average monthly Influent BOD load since 2008 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.

**Funding:**

The \$2.5M in direct federal appropriations requested spring of 2021 is moving forward. The application has been submitted and we are waiting for EPA review and a contract. As soon as the process is completed, we can be reimbursed for the work. Due to the increased cost for the WWTP project, the \$2.5M in funds will allow us to hold off on requesting additional loan funds as long as possible.

	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	12,100,000	8,700,000	900,000	2,500,000
Main D Extension	300,000	270,000	30,000	
<b>Totals:</b>	<b>19,500,000</b>	<b>10,803,000</b>	<b>1,330,000</b>	<b>6,625,000</b>
Amount of Funding:	41% Grant and Forgivable Principal			
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.