



City of Ketchum

### CITY COUNCIL MEETING AGENDA MEMO

Meeting Date:	March 3, 2025	Staff Member/Dept:	Ben Whipple/Mick Mummert/Wastewater Division
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Agenda Item:	Wastewater CIP Projects Update and feedback on next steps for Water Reclamation Facility Solids Dewatering Improvements Project
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**Recommended Motion:**

No motion requested. Staff is seeking general feedback and direction on next steps for Water Reclamation Facility Solids Dewatering Improvements Project and general Wastewater CIP
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**Reasons for Recommendation:**

- |   |
|---|
| <ul style="list-style-type: none"> <li>The Wastewater Treatment Facility Planning Study completed in 2022 recommends several Capital Improvement Projects to be completed over a 20-year period.</li> </ul>   |
| <ul style="list-style-type: none"> <li>The first project, Aeration and Electrical Upgrades, is scheduled for completion in August 2025.</li> </ul>  |
| <ul style="list-style-type: none"> <li>The design phase of the next project, Solids Dewatering Improvements, has been completed and is ready for the construction phase.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Solids Dewatering Improvements will: provide redundancy to existing treatment processes, remove aging and unused infrastructure, and reduce costs associated with current sludge disposal method.</li> </ul> |

**Policy Analysis and Background (non-consent items only):**

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**Sustainability Impact:**

None OR state impact here: Upon completion of this project, the energy required by this particular wastewater treatment process will be significantly reduced by reducing the number of truckloads of solids being hauled for disposal.
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**Financial Impact:**

None OR Adequate funds exist in account:	This is a budgeted expense in the Capital Improvement Projects category of Wastewater Division Expenditures. This expense will be shared equally with the Sun Valley Water and Sewer District.
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**Attachments:**

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| <ol style="list-style-type: none"> <li>CIP Project Summary</li> <li>Advertisements for Bids</li> <li>Wastewater Funds Financial Model 2.24.25</li> </ol> |
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# Ketchum / SVWSD WRF – Project Summary

Date: Monday, February 17, 2025

Project: Ketchum / SVWSD WRF  
Solids Dewatering Improvement

To: Mick Mummert, City of Ketchum

From: Brad Bjerke, HDR  
Kody Thomas, HDR

Dear Mr. Mummert,

As discussed in a meeting at 10:00 AM on Thursday, February 13, 2025 between the City of Ketchum (Trent Donat, Mick Mummert, Jeff Vert, Ben Whipple, Brent Davis) and HDR (Brad Bjerke, Kody Thomas), the City requested that HDR provide a bullet-point summary of the active projects at the Ketchum / SVWSD WRF and their alignment with the Facility Planning Study completed by HDR on September 19, 2022.

- Ketchum / SVWSD Wastewater Treatment Facility Planning Study (FPS) – completion September 2022.
- Aeration Upgrades design lumped multiple FPS projects into one construction period
  - AB3&4 Anoxic/MLR; AB Blowers 1-2, MCC-2 replacement, Aeration Blower Building Expansion; RAS Pump VFD replacement.
  - Project schedule:
    - PER/Design: November 2022 to December 2023
    - Construction: April 2024 to August 2025
  - Project total cost to Owner in 2022 dollars: \$4,447,015 (including preliminary and detailed design)
  - FPS projections: \$5,563,311
  - Difference: \$4,447,015 - \$5,563,311 = **(\$1,116,296)**
- Solids Dewatering Improvements lumps multiple FPS projects into one construction period
  - RDT & dewatering building; gravity sludge thickener & transfer pump building demolition; digester building demo and digester cover installation; Digester 1 diffusers, screw press; replacing pumps (plant drain); partial parking lot repaving
  - Removed RDT from this project and deferred
  - Project schedule:
    - PER/Design: March 2023 to January 2025
    - Construction: May 2025 to July 2027
  - Estimated project total cost to Owner in 2022 dollars: \$11,543,005 (including preliminary and detailed design)
    - Estimated project total cost to Owner in 2022 dollars remaining: \$10,992,229 (excludes preliminary and detailed design costs)
  - FPS projections: \$11,191,242
  - Difference: \$11,543,005 - \$11,191,242 = \$351,763
  - See Table 1 for a breakdown of the Solids Dewatering Improvements OPCC (for remaining anticipated project costs)

- Solids Dewatering Improvements critical success factors
  - Provide redundancy to existing digester tankage
  - Remove aging infrastructure not aligned for plant's future treatment
  - Provide mechanical dewatering system to reduce O&M associated with current hauling of liquid sludge to Ohio Gulch drying beds
- FPS CIP – looking forward
  - Revisions with planned adjustment to FPS in 2022 dollars: \$36.8M
  - FPS projections in 2022 dollars: \$37.2M
- REMINDER: City of Ketchum and Sun Valley Water and Sewer District split capital improvement project costs evenly (50/50). City of Ketchum is expected to be responsible for half of the project costs shown in Table 1 on the following page.
- Planned Bidding Schedule:
  - Assumed Ketchum City Council approval to bid: 3/3/2025.
  - Assumed SVWSD Board approval to bid: 2/18/2025.
  - Screw Press Procurement (Equipment Bid Documents):
    - Issue RFP & Advertisement #1 on 3/12/2025.
    - Advertisement #2 on 3/19/2025.
    - Bid opening on 4/2/2025 at 2:00 PM MST.
  - Solids Dewatering Improvements (Construction Bid Documents):
    - Issue RFP & Advertisement #1 on 3/12/2025.
    - Advertisement #2 on 3/19/2025.
    - Pre-Bid meeting at Ketchum / SVWSD WRF on 3/20/2025 at 1:00 PM MST.
    - Advertisement #3 on 3/26/2025.
    - Bid opening 4/16/2025 at 2:00 PM MST.

### Solids Dewatering Project Description

The 2022 Wastewater Treatment Facility Planning Study (FPS) recommended a rotary drum thickener (RDT) and screw press for solids dewatering. This modification eliminates hauling of liquid sludge to the Ohio Gulch drying beds. To make space for the new solids handling equipment, the existing gravity sludge thickener (GST) is to be demolished, and a new dewatering building located in its place. The existing Transfer Pump Building will also be demolished to provide space for solids hauling truck access. The new dewatering building would house equipment, pumps, future digester blowers, and an adjacent load-out bay for an open-bed solids trailer and truck. The new building allows the existing sludge loadout building to be repurposed to house the Collections Department jet truck. The existing sludge loadout building's liquid sludge arm provides redundancy to the dewatering system for sludge disposal.

The slight modifications made to the original FPS in the Solids Handling Preliminary Engineering Report (PER) included:

- Deferment of the RDT until additional aerobic digesters are constructed.
- Adding modifications to the existing aerobic digester by dividing into two tanks (redundancy), removal of the corroded metal digester building, replacement of aeration diffusers, and installation of a new flat cover.



**Table 1. Solids Dewatering Improvements OPCC**

<b>Opinion of Probable Construction Cost<sup>1</sup></b>	
Demolition	\$467,600
Site Civil	\$480,900
Yard Piping & Infrastructure	\$507,200
Digester Modifications	\$1,012,900
Dewatering Building - Structural & Arch	\$1,783,500
Dewatering Building - Mechanical	\$819,400
Building Electrical	\$1,426,400
Controls & Instrumentation	\$128,500
<b>Subtotal</b>	<b>\$6,626,400</b>
Contractor Bonding, OH&P, Sales Tax	\$2,253,000
<b>Subtotal</b>	<b>\$8,879,400</b>
Contingency (15%)	\$1,332,000
Allowances <sup>2</sup>	\$350,000
<b>OPCC (Estimated Bid Price)<sup>4</sup></b>	<b>\$10,561,400</b>
OPCC Range (+20%) <sup>3</sup>	\$12,604,000
OPCC Range (-10%) <sup>3</sup>	\$9,541,000
Owner-Furnished Equipment	\$750,000
Engineering Services During Construction	\$621,000
Part-Time Engineer's Resident Project Representative	\$404,000
Programming	\$165,000
<b>Total Project Cost to Owner<sup>4</sup></b>	<b>\$12,501,400</b>

<sup>1</sup> Any opinions of probable construction cost or cost estimates provided by HDR are made based on the cost estimator's experience and qualifications and represents its judgement as an experienced and qualified professional engineer. However, HDR has no control over the cost of labor, materials, equipment, or services furnished by others, or over the contractor(s)' methods of determining prices, or over-competitive bidding or market conditions. HDR does not guarantee that proposals, bids, or actual project or construction costs will not vary from opinions of probable construction cost or cost estimates prepared by HDR.

<sup>2</sup> Allowances include: Dewatering (groundwater); Digester Solids Removal; Materials Testing; Changes to Work; Sandblasting & Coating Digesters.

<sup>3</sup> Class 2 OPCC with +20% and -10% range in accordance with AACE 18R-97. OPCC ranges do not include range adjustment for fixed-price Allowances.

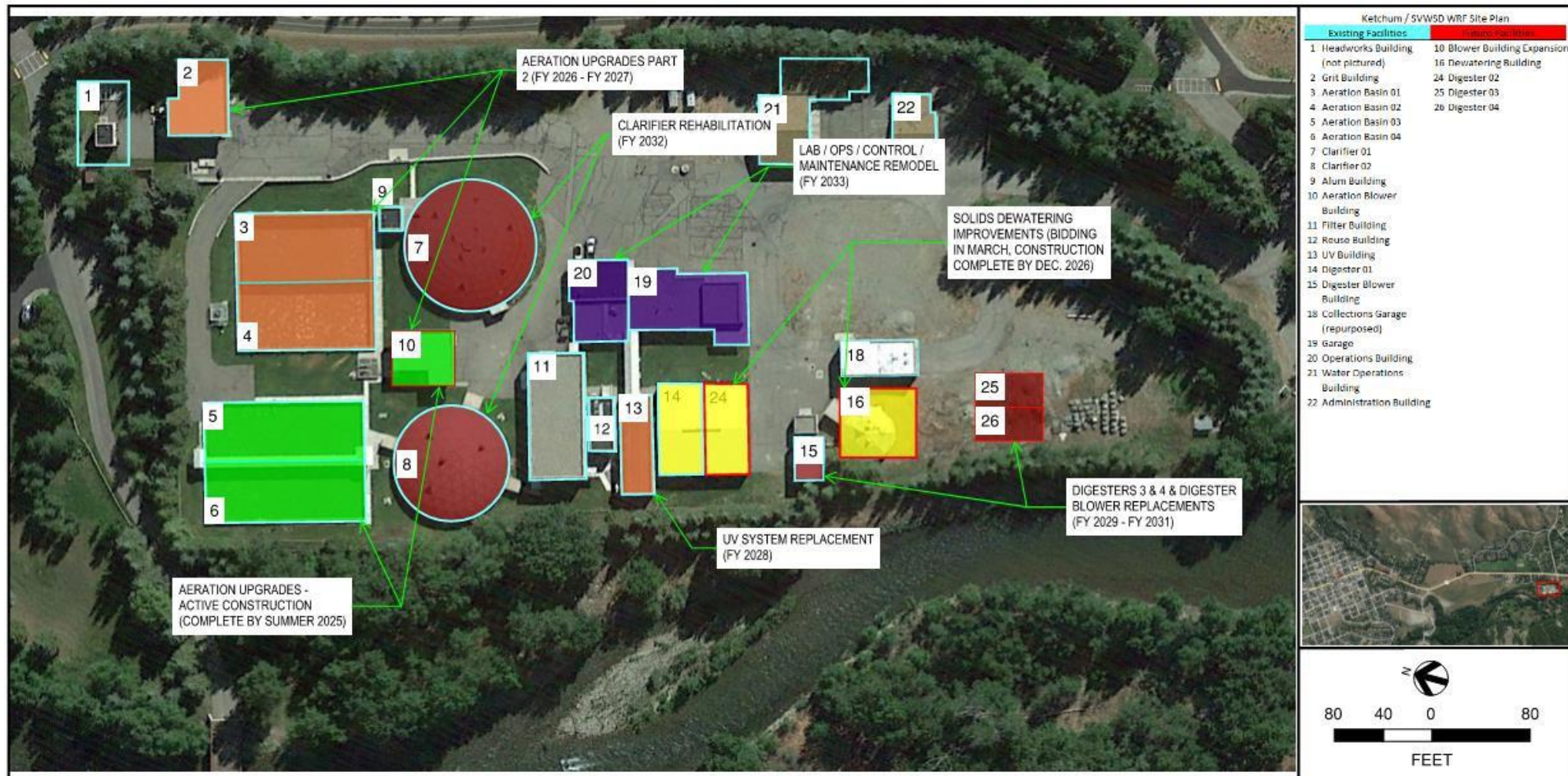
<sup>4</sup> Costs are shown in 2025 dollars.

A separate excel spreadsheet has been provided as an update to the projected CIP. This CIP update lumps together some projects identified in Table 7-4 of the 2022 Facility Planning Study in a fashion that lumps Facility Planning Study projects together in a way that makes logistical sense for Ketchum / SVWSD WRF operations. Figure 1 summarizes the updated CIP on an annual basis below.

FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY22 - FY32 TOTAL
\$582,000	\$315,429	\$3,482,882	\$3,516,051	\$4,922,086	\$7,080,823	\$2,637,500	\$1,532,000	\$2,960,000	\$2,537,000	\$4,450,250	\$34,016,020
FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041	FY 2042	FY33 - FY42 TOTAL	TOTAL
\$1,010,000	\$0	\$0	\$185,500	\$353,250	\$221,000	\$0	\$0	\$125,000	\$893,250	\$2,788,000	\$36,804,020

**Figure 1. Updated CIP – Annual Capital Investment**

Figure 2. Ketchum / SVWSD WRF Site Plan – Expected Project Timelines



- Green = Active Construction.
- Yellow: Construction beginning in < 1 year.
- Orange: Construction beginning in ~1-3 years.
- Red: Construction beginning in ~4-7 years.
- Purple: Construction beginning in > 7 years.

# ADVERTISEMENT FOR BIDS

CITY OF KETCHUM AND SUN VALLEY WATER AND SEWER DISTRICT  
CITY OF KETCHUM AND SUN VALLEY, IDAHO  
KETCHUM / SVWSD WATER RECLAMATION FACILITY  
SOLIDS DEWATERING IMPROVEMENTS

## General Notice

The City of Ketchum (Ketchum) and the Sun Valley Water and Sewer District (SVWSD) (“Owner” and/or “Owners”) are requesting Bids for the construction of the following Project:

Ketchum / SVWSD  
Water Reclamation Facility (WRF)  
Solids Dewatering Improvements

Bids for the construction of the Project will be received at Ketchum City Hall located at 1915<sup>th</sup> Street West, Ketchum, ID 83340, until 2:00 PM MST, April 16, 2025 for receipt of Bids. At that time the Bids received will be publicly opened and read.

The Project includes the following Work:

Demolition of existing Gravity Sludge Thickener, Transfer Pump Building, and existing metal building surrounding existing aerobic digester. Demolition of existing yard piping, as well as pumps and valves at the Plant Drain Pump Station. Structural and process modifications to existing aerobic digester to divide into two separate tanks with new aluminum cover. Construction of new Dewatering Building consisting of a sludge pumping basement, electrical room, and main level for Owner-furnished dewatering equipment, future thickening equipment, future digester blowers, polymer containment, and dewatered biosolids truck. Site improvements including plant internal drain system upgrades and repairs and new asphalt paving.

## Obtaining the Bidding Documents

Information and Bidding Documents for the Project can be viewed and downloaded from the following designated website: <https://www.ketchumidaho.org/rfps>. Prospective Bidders are urged to register with the Ketchum City Clerk (tdonat@ketchumidaho.org) as a Bidding Documents holder, even if Bidding Documents are obtained from a third-party plan room or source other than the designated website in either electronic or paper format. The designated website will be updated periodically with Addenda, lists of registered Bidding Documents holders, reports on the Site, and other information relevant to submitting a Bid for the Project. All official notifications, Addenda, and other Bidding Documents will be offered only through the designated website. Neither Owner nor Engineer will be responsible for Bidding Documents, including Addenda, if any, obtained from sources other than the designated website.

The Issuing Office for the Bidding Documents is:

Ketchum City Hall  
191 5<sup>th</sup> Street West, Ketchum, ID 83340

Prospective Bidders may examine the Bidding Documents at the Issuing Office on Monday through Friday between the hours of 8:30 AM to 4:30 PM local time and may obtain electronic copies of the Bidding Documents from the Issuing Office as described below. Partial sets of Bidding Documents will not be available from the Issuing Office.

## **Pre-bid Conference**

A pre-bid conference for the Project will be held on Thursday, March 20, 2025 at 1:00 PM (MST) at Ketchum / SVWSD WRF, 110 River Ranch Rd, Ketchum, ID, 83340. Attendance at the pre-bid conference is encouraged but not required.

Instructions to Bidders.

For all further requirements regarding bid submittal, qualifications, procedures, interpretations / addenda, and contract award, refer to the Instructions to Bidders that are included in the Bidding Documents.

This Advertisement is issued by:

Owner: City of Ketchum and SVWSD

By: Trent Donat

Email: [tdonat@ketchumidaho.org](mailto:tdonat@ketchumidaho.org)

Title: Ketchum City Clerk

Date: March 12, 2025

Publish: March 12, 2025

March 19, 2025

March 26, 2025



**SECTION 00 11 13**  
**NOTICE OF ADVERTISEMENT FOR BIDS**

Sealed bids will be received by the City Clerk of the City of Ketchum, Idaho, at Ketchum City Hall, P.O. Box 2315, 191 5<sup>th</sup> Street West, Ketchum, Idaho 83340, on behalf of the City of Ketchum and Sun Valley Water and Sewer District (Ketchum / SVWSD; Buyer), on the 2<sup>nd</sup> day of **April 2025** until the hour of **2 p.m.**, local time, of said day for supply of a screw press dewatering system for the Ketchum / SVWSD Water Reclamation Facility (WRF) consisting of the following:

**Furnish Goods and Special Services consisting of one (1) screw press dewatering system with solids throughput capacity of up to 916 dry pounds per hour with input solids concentration between 1.5 to 2.5 percent total solids (flow rate 125 GPM to 70 GPM). The press output solids concentration shall be a minimum of 14 percent total solids.**

**The screw press system shall include one (1) bottom-feed flocculation tank sized to provide 3 to 5 minutes detention time at average design flow rate with mechanical mixer to promote solids flocculation with polymer addition.**

**The screw press system shall include two (2) liquid polymer makedown systems, with one duty and one standby unit. The polymer makedown systems shall be skid-mounted and include a progressive cavity neat polymer pump, polymer and water mechanical mixing chamber, and appurtenances. Each polymer blend system shall include a programmable microcontroller connected to the Dewatering Control Panel.**

**The screw press system shall include one (1) inclined shaftless screw conveyor and one (1) horizontal shaftless screw conveyor. The horizontal shaftless shall include two (2) electrically actuated gates for operational control of discharge chutes.**

**The screw press dewatering system shall include a Dewatering Control Panel to power and control all equipment associated with the system.**

Bids will be opened at the office of the City Clerk at **2:00** o'clock **p.m.** on said date. The Project Manual, including bid forms, bidder's instructions, contract forms, specifications, and figures, is available to interested bidders at the office of the City Clerk. Electronic versions of the Project Manual in PDF format will be available at no cost.

All bids shall be presented or delivered in a sealed envelope or delivered electronically as a pdf in an attachment to an e-mail. If delivered in an envelope, address to Trent Donat / Ketchum City Clerk, 191 5<sup>th</sup> Street West, Ketchum, ID 83340. The sealed envelope shall identify the screw press dewatering system equipment bid inside. Likewise, for electronic bidding the subject line shall identify the bid contained in the attachment. The electronic bid e-mail shall be addressed only to [tdonat@ketchumidaho.org](mailto:tdonat@ketchumidaho.org). Mr. Donat shall send a return acknowledgement of receiving the e-mail. The attachment will not be opened until the designated bid opening date and time.

The Project Manual may be examined at:

- Ketchum City Hall, 191 5<sup>th</sup> Street West, Ketchum, Idaho 83340. 208-726-3841. [tdonat@ketchumidaho.org](mailto:tdonat@ketchumidaho.org).
- HDR, 412 East Parkcenter Blvd, Ste. 100, Boise, ID 83706. 208-387-7073. [brad.bjerke@hdrinc.com](mailto:brad.bjerke@hdrinc.com).

The successful bidder (Seller) shall be required to provide performance bond per Idaho statutes. Questions regarding this Project Manual should be submitted in writing via email to Trent Donat with cc to Brad Bjerke.

The right is reserved to reject any or all bids.

Dated: March 12, 2025

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Publish: **March 12, 2025**  
**March 19, 2025**

Trent Donat / Ketchum City Clerk

**END OF SECTION**

**Wastewater Funds Financial Forecast**

2.24.25

**10-Year Projection Window**

	<i>FY 2024 Projected Actuals</i>	<i>FY 2025 Revised Budget</i>	<i>FY 2026 Projected</i>	<i>FY 2027 Projected</i>	<i>FY 2028 Projected</i>	<i>FY 2029 Projected</i>	<i>FY 2030 Projected</i>	<i>FY 2031 Projected</i>	<i>FY 2032 Projected</i>	<i>FY 2033 Projected</i>	<i>FY 2034 Projected</i>	<i>FY 2035 Projected</i>
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**Operating Revenues and Expenses**

**Revenues**

1	Undesignated Fund Balance		<b>\$2,729,902</b>	<b>\$3,020,675</b>	<b>\$3,121,225</b>	<b>\$2,698,432</b>	<b>\$2,353,283</b>	<b>\$2,132,081</b>	<b>\$2,041,455</b>	<b>\$2,068,385</b>	<b>\$2,240,213</b>	<b>\$2,564,665</b>	<b>\$3,049,869</b>
2	Wastewater Charges	\$2,781,134	\$2,869,542	\$3,013,019	\$3,163,670	\$3,321,854	\$3,487,946	\$3,662,344	\$3,845,461	\$4,037,734	\$4,239,620	\$4,451,601	\$4,674,182
3	Sun Valley WA & SW District OP Contribution	\$556,519	\$737,067	\$829,264	\$865,259	\$902,680	\$941,585	\$982,034	\$1,024,091	\$1,067,822	\$1,113,295	\$1,160,583	\$1,209,760
4	Interest Earnings	\$107,607	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
5	Refunds & Reimbursements	-\$200,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Amortized Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Misc. Revenue	-\$13,880	\$140,000	\$140,000	\$140,000	\$100,000	\$100,000	\$100,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
8	Fund Balance Assigned	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	<b>Total</b>	<b>\$3,230,400</b>	<b>\$3,761,609</b>	<b>\$3,997,283</b>	<b>\$4,183,929</b>	<b>\$4,339,534</b>	<b>\$4,544,531</b>	<b>\$4,759,377</b>	<b>\$4,964,552</b>	<b>\$5,200,555</b>	<b>\$5,447,916</b>	<b>\$5,707,184</b>	<b>\$5,978,941</b>

**Expenses**

	<i>FY 2024 Projected Actuals</i>	<i>FY 2025 Revised Budget</i>	<i>FY 2026 Projected</i>	<i>FY 2027 Projected</i>	<i>FY 2028 Projected</i>	<i>FY 2029 Projected</i>	<i>FY 2030 Projected</i>	<i>FY 2031 Projected</i>	<i>FY 2032 Projected</i>	<i>FY 2033 Projected</i>	<i>FY 2034 Projected</i>	<i>FY 2035 Projected</i>	
11	Personnel	\$906,961	\$1,020,755	\$1,066,689	\$1,114,690	\$1,164,851	\$1,217,269	\$1,272,046	\$1,329,289	\$1,389,107	\$1,451,616	\$1,516,939	\$1,585,201
12	Materials & Services	\$802,905	\$873,440	\$899,643	\$926,632	\$954,431	\$983,064	\$1,012,556	\$1,042,933	\$1,074,221	\$1,106,448	\$1,139,641	\$1,173,830
13	Depreciation Expense	\$403,362	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000
14	Reimbursements (Indirect to GF)	\$337,728	\$746,241	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000
15	<b>Total Operating Expenses</b>	<b>\$2,450,957</b>	<b>\$2,970,436</b>	<b>\$2,896,332</b>	<b>\$2,971,322</b>	<b>\$3,049,282</b>	<b>\$3,130,334</b>	<b>\$3,214,603</b>	<b>\$3,302,222</b>	<b>\$3,393,328</b>	<b>\$3,488,064</b>	<b>\$3,586,580</b>	<b>\$3,689,032</b>
16	<b>Net Operating Income</b>	<b>\$779,444</b>	<b>\$791,173</b>	<b>\$1,100,951</b>	<b>\$1,212,607</b>	<b>\$1,290,251</b>	<b>\$1,414,197</b>	<b>\$1,544,775</b>	<b>\$1,662,330</b>	<b>\$1,807,228</b>	<b>\$1,959,852</b>	<b>\$2,120,604</b>	<b>\$2,289,910</b>
17	2023 Wastewater Rev Bond (20yrs)	\$292,437	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400	\$500,400
18	2027 Wastewater Rev Bond (20yrs)	\$0	\$0	\$0	\$635,000	\$635,000	\$635,000	\$635,000	\$635,000	\$635,000	\$635,000	\$635,000	\$635,000
19	Defeasance of 2014 Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	<b>Total Debt Service</b>	<b>\$292,437</b>	<b>\$500,400</b>	<b>\$500,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>	<b>\$1,135,400</b>
21	<b>Total Op Ex + Debt</b>	<b>\$2,743,393</b>	<b>\$3,470,836</b>	<b>\$3,396,732</b>	<b>\$4,106,722</b>	<b>\$4,184,682</b>	<b>\$4,265,734</b>	<b>\$4,350,003</b>	<b>\$4,437,622</b>	<b>\$4,528,728</b>	<b>\$4,623,464</b>	<b>\$4,721,980</b>	<b>\$4,824,432</b>
22	<b>Net Cash after Debt and Operations</b>	<b>\$487,007</b>	<b>\$290,773</b>	<b>\$600,551</b>	<b>\$77,207</b>	<b>\$154,851</b>	<b>\$278,797</b>	<b>\$409,375</b>	<b>\$526,930</b>	<b>\$671,828</b>	<b>\$824,452</b>	<b>\$985,204</b>	<b>\$1,154,510</b>
23	<b>Transfers to CIP Fund</b>	<b>\$579,927</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>
24	<b>Ending Cash Balance</b>	<b>\$2,775,380</b>	<b>\$3,020,675</b>	<b>\$3,121,225</b>	<b>\$2,698,432</b>	<b>\$2,353,283</b>	<b>\$2,132,081</b>	<b>\$2,041,455</b>	<b>\$2,068,385</b>	<b>\$2,240,213</b>	<b>\$2,564,665</b>	<b>\$3,049,869</b>	<b>\$3,704,379</b>

**Wastewater Funds Financial Forecast**

2.24.25

		10-Year Projection Window											
		FY 2024 Projected Actuals	FY 2025 Revised Budget	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected	FY 2031 Projected	FY 2032 Projected	FY 2033 Projected	FY 2034 Projected	FY 2035 Projected
25	<b>CIP Funding</b>												
26	CIP Carry Forward	\$8,134,260	\$7,434,528	\$4,798,746	\$3,307,703	\$7,737,291	\$7,388,541	\$7,592,541	\$7,082,541	\$6,784,041	\$5,528,916	\$5,993,916	\$6,963,916
27	Bond Proceeds Deposit				\$7,000,000								
28	Portion Funded with Bond Proceeds	\$1,928,441	\$3,105,782	\$1,496,668	\$3,590,412	\$1,368,750	\$816,000	\$1,224,839	\$0	\$0	\$0	\$0	\$0
29	Depreciation Expense (Add Back)	\$403,362	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000
30	Connection Fees	\$82,518	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,001
31	CIP Cash Contribution from SVWSD Dist (50%)	\$968,840	\$2,277,068	\$2,511,043	\$3,590,412	\$1,368,750	\$816,000	\$1,530,000	\$1,318,500	\$2,275,125	\$555,000	\$50,000	\$50,000
32	Interest Earnings	\$455,209	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
33	Transfer In From Fund Balance	\$579,927	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
34	Total Sources of Funds for CIP	\$2,489,857	\$2,747,068	\$3,531,043	\$4,610,412	\$2,388,750	\$1,836,000	\$2,550,000	\$2,338,500	\$3,295,125	\$1,575,000	\$1,070,000	\$1,070,001
35	CIP Annual Outflows	\$2,897,281	\$5,382,850	\$5,022,086	\$7,180,823	\$2,737,500	\$1,632,000	\$3,060,000	\$2,637,000	\$4,550,250	\$1,110,000	\$100,000	\$100,000
36	Change in CIP Fund	-\$407,424	-\$2,635,782	-\$1,491,043	-\$2,570,412	-\$348,750	\$204,000	-\$510,000	-\$298,500	-\$1,255,125	\$465,000	\$970,000	\$970,001
37	<b>CIP Fund Balance</b>	\$7,726,836	\$4,798,746	\$3,307,703	\$7,737,291	\$7,388,541	\$7,592,541	\$7,082,541	\$6,784,041	\$5,528,916	\$5,993,916	\$6,963,916	\$7,933,917
38	<b>Remaining Bond Proceeds</b>	\$4,602,450	\$1,496,668	\$0	\$3,409,589	\$2,040,839	\$1,224,839	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Metrics</b>												
	Days Cash on Hand (Target 180 Days)	413	371	393	331	282	249	232	229	241	268	310	367
	Coverage (Minimum Target 1.25x) <sup>(1)</sup>	4.04x	2.24x	2.86x	1.36x	1.43x	1.54x	1.65x	1.75x	1.88x	2.02x	2.16x	2.31x
39	<b>Total Fund Balance (Op &amp; Cap)</b>	\$10,502,422	\$7,819,420	\$6,428,928	\$10,435,723	\$9,741,825	\$9,724,622	\$9,123,996	\$8,852,426	\$7,769,129	\$8,558,581	\$10,013,785	\$11,638,296