



Roseburg Urban Sanitary Authority
1297 N.E. Grandview Drive
Roseburg, OR 97470

REGULAR MONTHLY BOARD MEETING
August 12, 2026

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ROSEBURG URBAN SANITARY AUTHORITY AGENDA – August 12, 2026 – 4:00 pm Regular Meeting

Board Room, Administrative Offices

1297 NE Grandview Dr., Roseburg, Oregon 97470

[Public Online Access](#)

1. Call to Order – Chair Wood
2. Roll Call
 - Kelsey Wood Tom Dole Robin Van Winkle
 - Rob Lieberman Mike Baker
3. Audience Participation – In-Person / via Zoom® - On agenda items
4. Consent Agenda
 - a. Minutes of July 8th, 2026, Regular Board meeting
 - b. Accounts Payable
5. Convene the Roseburg Urban Sanitary Authority Local Contracting Board
 - a. WWTP Pump Replacement - Project No. 26005
 - i. Request to enter negotiations with Jacobs to provide an engineering report and 30 % plans.
6. Reconvene the Roseburg Urban Sanitary Authority Board Meeting
7. General Managers Report
 - a. South Umpqua Trunk South Bank Repair – Project No. 25002
 - i. Project Update
 - b. WWTP Solar – Project No. 24011
 - i. Project Update
 - c. Admin Office Solar – Project No. 24012
 - i. Project Update
 - ii. Ribbon cutting ceremony
 - d. NTS Solar – Project No. 25001
 - i. Project Update
 - e. Emergency Declaration
 - i. Walmart MH Repair – Project No. 25006
 - ii. Sleepy Hollow Creek Main Repair (Highland Stabilization) - Project No. 25005
 - f. Goedeck Trunk Rehabilitation – Project No. 25004
 - i. Project Update
 - g. WRF SCADA Roadmap Assessment – Project No. 26001
 - i. Project Update
 - h. Freemont Ave Sewer Replacement - Project No. 26004
 - i. WWTP Pump Replacement – Project No. 26005
 - i. Project Update
8. Finance Department
 - a. Budget to Actual Report
9. New Developments
10. Staff Report
11. Plant Operations Report – Jacobs
12. Other Business
13. Audience Participation – In-Person / via Zoom® - Off agenda items
14. Adjourn

AMERICANS WITH DISABILITIES ACT NOTICE

Please contact the Authority's Finance Department, 1297 NE Grandview Dr., Roseburg, OR 97470 or by phone (541)672-1551 at least 48 hours prior to the scheduled meeting time if you need accommodation.

**ROSEBURG URBAN SANITARY AUTHORITY
MEETING OF THE BOARD OF DIRECTORS
MINUTES**

Board Chair Kelsey Wood, called the regular monthly Board Meeting to order at 4:02 p.m. on July 8, 2026. The Board Meeting was held in-person and remotely broadcast by Zoom® Meeting.

ROLL CALL

Directors

Present: Board Chair Kelsey Wood, Robin Van Winkle, Tom Dole & Mike Baker

Absent: Rob Lieberman

Others present: General Manager Jim Baird, Finance Director Christine Morris, Office Assistant II Harmony Williams, Collections Superintendent Steve Lusch, Engineering & Operations Manager Ryon Kershner & Jacobs Project Manager Dan Prather

Consent Agenda

Mike Baker moved to approve the following Consent Agenda items:

- A. Minutes of the June 10, 2026 Regular Board Meeting
- B. Accounts Payable
- C. Out of Scope Contract NTS Monitoring Report, Farm Operation Plan and Engineering Services

Tom Dole seconded the motion.

Kelsey Wood requested Roll Call for the motion to approve Consent Agenda items.

Vote By Roll Call

Robin Van Winkle	Yes
Rob Lieberman	
Tom Dole	Yes
Kelsey Wood	Yes
Mike Baker	Yes

The motion was passed with a 4/0 vote

Douglas County Turnovers to Douglas Conty Assessor

Staff presented the annual turnover report of unpaid balances for sewer fees and addressed any questions.

City of Roseburg Request to Annex

The City of Roseburg has requested that a certain property be annexed into RUSA's service boundary and other properties be de-annexed from the RUSA service boundary, as part of the city's recent UGB Swap approval. The property to be annexed is a portion in the Charter Oaks area. The areas to be removed from the boundary are two privately owned properties, one on Daysha Drive and the other on the hillside North of NE Barager.

Mike Baker made a motion to approve the annexation and de-annexation of the specific properties. Robin Van Winkle seconded the motion.

Kelsey Wood requested Roll Call for the motion to approve the annexation and de-annexation of the specific properties.

Vote By Roll Call

Robin Van Winkle	Yes
Rob Lieberman	
Tom Dole	Abstain
Kelsey Wood	Yes
Mike Baker	Yes

The motion was passed with a 3/0 vote

General Managers Report

South Umpqua Trunk South Bank Repair – Project No. 25002

Staff have been required additionally to submit all the invoices and payments for project expenses to the Oregon Emergency Management (OEM) website before we can request reimbursement payment for the project in the amount of \$671,587.89.

WWTP Solar – Project No. 24011

Ameresco is working on completing the 100% design to submit to DEQ for approval. We are working with Pacific Power to complete the inter-connection agreement. The loan amendment to include the construction costs has been approved with 50% forgiveness. The total amount of the loan is for up to \$4,000,000 with \$2,000,000 forgiveness.

Admin. Office Solar – Project No. 24012

The subcontractor has completed the installation of the battery. The team is working on a commissioning schedule.

NTS Solar -Project No. 25001

Ameresco is working on 100% plans for submittal to the DEQ for engineering review. DEQ has approved the loan amendment to include the construction cost. The total amount of the loan is for up to \$3,000,000 with \$1,500,000 forgiveness. We have signed and executed the loan.

Emergency Declaration:

Walmart MH Repair – Project No. 25006

Dyer Partnership is working through the permit process to repair the manhole.

The engineer is working on a no rise certification for the proposed work to meet the City of Roseburg requirements.

Sleepy Hollow Creek Main repair – Project No. 25005

Dyer Partnership has completed the application, and we have received approval to repair the 15-inch sewer main crossing Sleepy Hollow Creek. Staff are soliciting bids for the work.

Goedeck Trunk Rehabilitation - Project No. 25004

The low bidder, Allied Plumbing and Pumps LLC is working on providing the documentation required to execute the contract. The pre-construction meeting is pending receiving the required documentation.

WRF SCADA Road Map Assessment – Project 26001

Control Systems NW has completed the scheduled plant inspection of existing equipment. The contractor will now move on to identifying the deficiencies in the existing supervisory control and data acquisition (SCADA) system.

Freemont Ave. Sewer Replacement – Project No. 26004

The project engineering firm, Dyer Partnership Engineers & Planners, has completed the plans and specifications. Staff are working to solicit bids from selected contractors to complete the project.

WWTP Pump Replacement – Project No. 26005

The Request for Proposals (RFP) was advertised beginning June 22, 2026. The mandatory pre-proposal meeting was held June 29th with seven (7) firms represented. The proposals are required to be submitted by 2:00pm July 21st to be considered.

Jacobs Plant Operations Report

Dan Prather advised that the treatment facility averaged 99% BOD removal and 97% Total Suspended Solids removal during June. The total Effluent flow was 82.28 million gallons, all of which went to the NTS at Outfall 002.

Other Business

Staff informed the Board that the Clean Water State Revolving Fund Loan Agreement No. RC0004 Amendment No. 1 is available to sign. The purpose of this amendment is to increase the loan amount by \$2,177,265, update the project description, update the loan forgiveness amount, update the project completion date and update Appendices A and B and the Loan Reserve Requirement.

Mike Baker made a motion to approve Amendment No. 1 of the Clean Water State Revolving Fund Loan Agreement No. RC0004.

Robin Van Winkle seconded the motion.

Kelsey Wood requested Roll Call for the motion to approve Amendment No. 1 of the Clean Water State Revolving Fund Loan Agreement No. RC0004 as presented:

Robin Van Winkle	Yes
Rob Lieberman	
Tom Dole	Abstain
Kelsey Wood	Yes
Mike Baker	Yes

The motion was passed with a 3/0 vote

Meeting was adjourned at 4:38 pm.

Attached Additional Items Presented

ACWA Award Information
TPO RUSA Article
Accounts Payable Addendum

Respectfully submitted,



Harmony Williams
Office Assistant II

Project Summary

Roseburg Urban Sanitary Authority

Roseburg Urban Sanitary Authority (RUSA) knew they needed to have renewable onsite because of regional power outages, and were considering several renewable energy options, including cogeneration.

Through a comprehensive Technical Energy Audit to identify potential solutions for the WWTP facility, administrative offices, and Natural Treatment System facility, Ameresco determined that solar PV would offer the most benefit to RUSA. The resulting Energy Savings Performance Contract (ESPC) project involves the integration of solar PV systems and battery energy storage systems (BESS) at the decentralized facilities.

Facility Size

3 facilities

Grant Funding Secured

~\$2.9 million

Total Solar PV Size

1,250 kW

Annual Electricity Generation

~1.8 MWh

Main Office | 40 kW Solar + 180 kWh BESS



- Keeps Main Office operational during outages.
- Offsets 100% of electricity consumption on site.

WWTP | 900 kW Solar



- Reduces energy usage and costs by ~44%

Natural Treatment System | 400 kW Floating Solar



- Reduces energy usage and costs by ~60%
- Shades the pond, potentially reducing water temperature

Together, the Solar and BESS projects improve power reliability for critical operations. The office's battery backup provides 24+ hours of power to keep systems like GIS and asset management running during outages.

The Roseburg Urban Sanitary Authority (RUSA) is implementing one of Oregon's most comprehensive wastewater-sector renewable energy and resiliency initiatives, combining operational solar photovoltaic generation and battery energy storage infrastructure at its Main Office with planned solar developments at its Wastewater Treatment Plant (WWTP) and Natural Treatment System (NTS) facilities to improve operational reliability, reduce long-term utility costs, and strengthen community resilience during grid disruptions.

Roseburg Urban Sanitary Authority (RUSA) has demonstrated a strong commitment to sustainable wastewater operations through ongoing investments in energy efficiency, operational improvements, and renewable energy planning across its facilities. Following regional power outages that highlighted the importance of operational resiliency, RUSA identified the need to reduce reliance on the electrical grid while maintaining reliable wastewater operations during emergencies and utility disruptions. RUSA's decentralized system includes the Wastewater Treatment Plant (WWTP), Main Office, and Natural Treatment System (NTS), each with unique operational requirements and energy demands. To evaluate the most effective path forward, RUSA selected Ameresco as its Energy Services Company (ESCO) and initiated an Energy Savings Performance Contract (ESPC). Through a comprehensive Technical Energy Audit (TEA), Ameresco evaluated multiple energy infrastructure options, including biogas cogeneration, solar photovoltaic generation, battery energy storage systems (BESS), and energy efficiency improvements. In addition to project development and technical evaluation, Ameresco assisted RUSA in identifying and securing external funding opportunities to maximize project affordability and reduce impacts on ratepayers.

While cogeneration was initially considered, technical and financial analyses determined that solar photovoltaic generation and battery storage offered the strongest combination of economic performance, operational simplicity, resiliency benefits, and long-term sustainability. The resulting initiative includes:

- A 40 kW solar photovoltaic system paired with a 50 kW / 184 kWh battery energy storage system at the Main Office
- A planned 900 kW solar photovoltaic system at the Wastewater Treatment Plant
- A planned 400 kW floating solar photovoltaic system at the Natural Treatment System

The Main Office Project (phase 1) has been designed and constructed by Ameresco and is currently undergoing commissioning (May 2026). Once operational, the Main Office solar and battery storage system will provide approximately 24 hours of backup capability, allowing critical GIS mapping, communications, operational coordination, and administrative functions to remain online during utility outages. This represents a significant improvement in operational resiliency for a facility that previously lacked long-duration backup power capability. Ameresco will also provide design, procurement, and

construction services for the upcoming WWTP solar and NTS floating solar projects, creating a consistent and integrated implementation approach across RUSA's facilities.

What makes RUSA's initiative particularly innovative is its integration of multiple renewable energy and resiliency strategies across a wastewater utility's operational footprint. Rather than implementing a single renewable energy project, RUSA developed a coordinated approach that combines distributed solar generation, battery storage, and future floating solar technology to strengthen system reliability while reducing environmental impacts.

The floating solar component planned for the Natural Treatment System is particularly noteworthy. By utilizing existing treatment infrastructure rather than developing additional land, the project demonstrates an innovative approach to renewable energy deployment that can be replicated by wastewater agencies throughout Oregon and the Pacific Northwest. This strategy maximizes the value of existing assets while minimizing land-use impacts and expanding renewable energy opportunities for utilities with limited available property.

The initiative also demonstrates how renewable energy infrastructure can support both environmental stewardship and financial sustainability. Collectively, the three projects are expected to generate approximately 1.8 GWh of renewable electricity annually and provide guaranteed annual savings exceeding \$121,000. The projects are expected to offset approximately 100% of Main Office electrical consumption, 44% of WWTP electrical consumption, and 64% of NTS electrical consumption. These savings help protect ratepayers from future energy cost increases while creating a more predictable operating budget for long-term infrastructure planning.

RUSA's innovation extends beyond technology deployment. Through its partnership with Ameresco, RUSA successfully assembled a diverse funding package that minimizes financial impacts to ratepayers while accelerating implementation. Ameresco supported the identification, development, and pursuit of multiple funding opportunities, helping secure approximately \$8+ million in grants, incentives, tax credits, and low-interest financing. Funding sources include Oregon Department of Energy Community Renewable Energy Grant Program funding, Clean Water State Revolving Fund financing, federal Investment Tax Credits, and utility incentives. This funding strategy demonstrates how wastewater agencies can leverage external resources to implement large-scale resiliency and renewable energy projects while protecting ratepayer interests.

RUSA's renewable energy and resiliency initiative provides a practical and highly replicable model for wastewater agencies seeking to improve reliability, reduce operating costs, and strengthen environmental stewardship. Through its partnership with Ameresco, RUSA successfully evaluated alternative technologies, secured external funding, and implemented a phased renewable energy strategy that combines solar generation, battery storage, and innovative floating solar technology. RUSA's leadership, commitment to

innovation, and dedication to protecting both public resources and ratepayer interests make RUSA highly deserving of recognition in ACWA's Innovation in Environmental Management category.

Individual Award for Jim Baird:

Jim Baird, General Manager of the Roseburg Urban Sanitary Authority (RUSA), is an outstanding leader in innovative environmental management in Oregon. Over the past nine years in his current role, Jim has been instrumental in shaping RUSA's approach to energy and water infrastructure by leading projects that integrate clean technologies, resource recovery, engage the community, and enhance community resilience.

Jim has worked in the water and wastewater field in the Roseburg area since 1991 and has held management roles at RUSA since 2009. Over the past nine years as General Manager, he has guided RUSA with a practical, long-term vision: protect public health and water quality, improve operational reliability, reduce long-term operating costs, and pursue sustainable infrastructure solutions that are financially responsible for ratepayers.

Jim's leadership is especially evident in RUSA's multi-facility renewable energy and resiliency initiative, which includes solar photovoltaic generation, battery energy storage, and planned floating solar technology across RUSA's Main Office, Wastewater Treatment Plant, and Natural Treatment System facilities. This initiative addresses a critical water resource-related problem shared by many wastewater agencies: how to maintain reliable operations during power outages and rising energy costs while continuing to protect public health, water quality, and the environment. The initiative did not happen overnight. In 2018, RUSA evaluated solar photovoltaic generation across its three primary facilities: the Wastewater Treatment Plant, administrative offices, and Natural Treatment System. At that time, the concept had support from staff and the community, but the economics did not provide the return on investment needed for board approval. Jim did not abandon the idea. Instead, he continued to look for practical ways to make renewable energy and resiliency improvements feasible for RUSA.

In the years that followed, Jim continued to advance sustainability within RUSA's operations. Under his leadership, RUSA pursued energy conservation measures such as LED lighting with motion and daylight sensors, evaluated energy data to identify savings opportunities, and implemented efficient equipment strategies, including the use of premium efficiency electric motors. These efforts reflected Jim's consistent approach: start with practical improvements, evaluate performance, and continue building toward larger long-term solutions. As regional power outages highlighted the vulnerability of critical wastewater infrastructure to electrical disruptions, Jim recognized the need for a more comprehensive resiliency strategy. RUSA's decentralized operations include the Wastewater Treatment Plant, Main Office, and Natural Treatment System, each with unique energy demands and operational responsibilities. Maintaining continuity across

these facilities is essential to protecting public health, environmental quality, and community well-being.

In 2023, RUSA considered whether biogas cogeneration could provide a long-term energy and resiliency solution. Under Jim's leadership, RUSA selected Ameresco as its Energy Services Company and initiated an Energy Savings Performance Contract process to evaluate available options through a comprehensive Technical Energy Audit. Ameresco evaluated multiple infrastructure strategies, including biogas cogeneration, solar photovoltaic generation, battery energy storage systems, and energy efficiency improvements.

The technical and financial analysis determined that RUSA did not have sufficient fuel supply to support a cost-effective cogeneration system under current operating conditions. Rather than forcing a solution that did not fit RUSA's needs, Jim supported a data-driven approach that identified solar photovoltaic generation and battery storage as the strongest combination of economic performance, operational simplicity, resiliency benefit, and long-term sustainability. The resulting phased initiative includes:

- A 40 kW solar photovoltaic system paired with a 50 kW / 184 kWh battery energy storage system at the Main Office
- A planned 900 kW solar photovoltaic system at the Wastewater Treatment Plant
- A planned 400 kW floating solar photovoltaic system at the Natural Treatment System

The Main Office project has been installed and is undergoing commissioning (May 2026). Once operational, it will provide approximately 24 hours of backup capability, allowing critical GIS mapping, communications, administrative coordination, and operational support functions to remain online during utility outages. For a decentralized wastewater utility, this is a meaningful resiliency improvement. The Main Office is not simply an administrative building; it supports essential operational coordination, mapping, and communication functions that help RUSA respond effectively during disruptions.

Jim's leadership has also helped position RUSA to pursue larger solar projects at the Wastewater Treatment Plant and Natural Treatment System with construction beginning August 2026. The planned Wastewater Treatment Plant solar project will reduce energy costs at RUSA's primary treatment facility, while the planned floating solar project at the Natural Treatment System demonstrates an innovative approach to renewable energy siting. By utilizing existing treatment infrastructure rather than developing additional land, the floating solar concept creates a model that may be adaptable for other wastewater agencies with ponds, lagoons, reservoirs, or other water-based treatment assets.

Jim Baird's continued perseverance in searching for ways to bring alternative energy projects to life at RUSA is a significant reason why these projects are being realized today. His goal from the outset was to invest in renewable technologies to enhance the resiliency of RUSA's facilities, reducing reliance on the electrical grid and mitigating sensitivity to

fluctuations in energy costs. RUSA's project is an innovative program that solves these key water resource-related problems:

- The need for resiliency; facilities continued functioning during power outages
- The need to optimize energy efficiency and integrate renewable energy solutions for long-term operational savings
- The need for solutions to be cost-effective

By demonstrating effective solutions in each of these areas, RUSA also shows that its program is adaptable to other agencies. The collaboration between RUSA and Ameresco aligns with a broader industry shift as public utilities increasingly explore renewable energy solutions to reduce costs, boost energy resilience, and meet community needs.

The solar and BESS significantly boost the facility's resilience by providing reliable backup power, which is critical for continuous operation during natural disasters or other disruptions, protecting public health and environmental quality in Roseburg. Importantly, the BESS installation guarantees uninterrupted operations at the main office allowing critical mapping/GIS software to remain online. RUSA's project demonstrates how long-term savings can result from investing in renewable energy production and storage systems. The solar arrays will generate 1.8 MWh of electricity annually, guaranteeing annual savings of at least \$121,000. Operational savings mitigate future energy cost increases and provide a stable, predictable budget for public utilities, an essential factor for the longterm planning of rural economies. The project offsets 100% of RUSA's administrative offices' energy usage, 44% of the WWTP's energy usage, and 64% of the NTS' energy usage. The solutions being implemented at RUSA are also cost-effective. Through a combination of funding mechanisms, all three projects are anticipated to be fully funded via external sources including grants, Investment Tax Credits, low/no interest Clean Water State Revolving Fund (CWSRF) loans, and utility incentives. Ameresco spearheaded the identification, development, and pursuit of funding opportunities, securing approximately \$8+ million across the three projects. Jim exemplifies the innovation and leadership that ACWA seeks to recognize. He is not only advancing environmental management practices in Roseburg but also is showcasing how solar and BESS can help less urbanized communities across the Pacific Northwest move towards sustainable facility management.

I enthusiastically nominate Jim Baird for the Outstanding Individual award in Innovation in Environmental Management.

Additional Background on Jim Baird:

Jim's impact extends well beyond this individual initiative. His career has been rooted in public works, water, wastewater, and public sector infrastructure improvement. Before joining RUSA, Jim worked for 10 years as an engineering technician for the Roseburg Public Works Department, where he developed designs, worked with engineers, and inspected

project plans. He then spent nine years at Romtec Utilities as a technical sales manager and senior applications engineer, gaining experience across multiple facets of utility infrastructure and public sector improvements. This broad background has helped shape his practical, systems-based approach to environmental management. Jim has also been a leader in the broader clean water profession. He served as President of the Pacific Northwest Clean Water Association in 2018–2019 and has continued to contribute to the advancement of water and wastewater professionals at the regional and national levels. In September 2023, Jim was appointed as the Water Environment Federation representative to the Water Professionals International Board of Directors for a three-year term. In that role, he is working with national and international industry leaders to improve certification testing for clean water and wastewater professionals and to create better pathways for people to enter, become certified, and remain engaged in the industry. This work reflects Jim’s deep commitment to the future of the profession. He has consistently emphasized that water, wastewater, and power are essential services that communities cannot function without.

His leadership is not only about infrastructure; it is also about people. He recognizes that resilient utilities require skilled, respected, and supported professionals. That commitment is also evident within RUSA. Steve Lusch, Collection System Superintendent for RUSA, has worked with Jim for 14 years and has described Jim as someone who “always seems to put people above himself.” He has credited Jim with elevating the staff’s view of their own work, helping operators see themselves not merely as wastewater operators, but as professionals whose performance directly benefits the community. That kind of leadership strengthens both the utility and the public it serves.

Jim also serves the profession through multiple committees and advisory roles. He has served on the Engineering and Advisory Committee at Umpqua Community College since 1988, helping advance professional education and development opportunities. He has also contributed to the Oregon Department of Environmental Quality Operator Certification Program, the Water Environment Federation Operator Advisory Panel, the Southwest Oregon Operator Section, and Umpqua Community College task force efforts.

Jim’s leadership reflects the qualities ACWA seeks to recognize: innovation, service, environmental stewardship, and commitment to the clean water profession. He has shown persistence in advancing a renewable energy concept that was first evaluated years ago, judgment in selecting the right technologies for RUSA’s actual operating conditions, and leadership in developing a program that can serve as a model for other wastewater agencies.

Through his work, Jim has helped RUSA move beyond traditional wastewater infrastructure planning and toward a more resilient, sustainable, and financially responsible future. His leadership demonstrates how wastewater agencies can use renewable energy, battery storage, innovative siting strategies, strategic funding partnerships, and workforce leadership to protect water quality, strengthen community resilience, reduce long-term

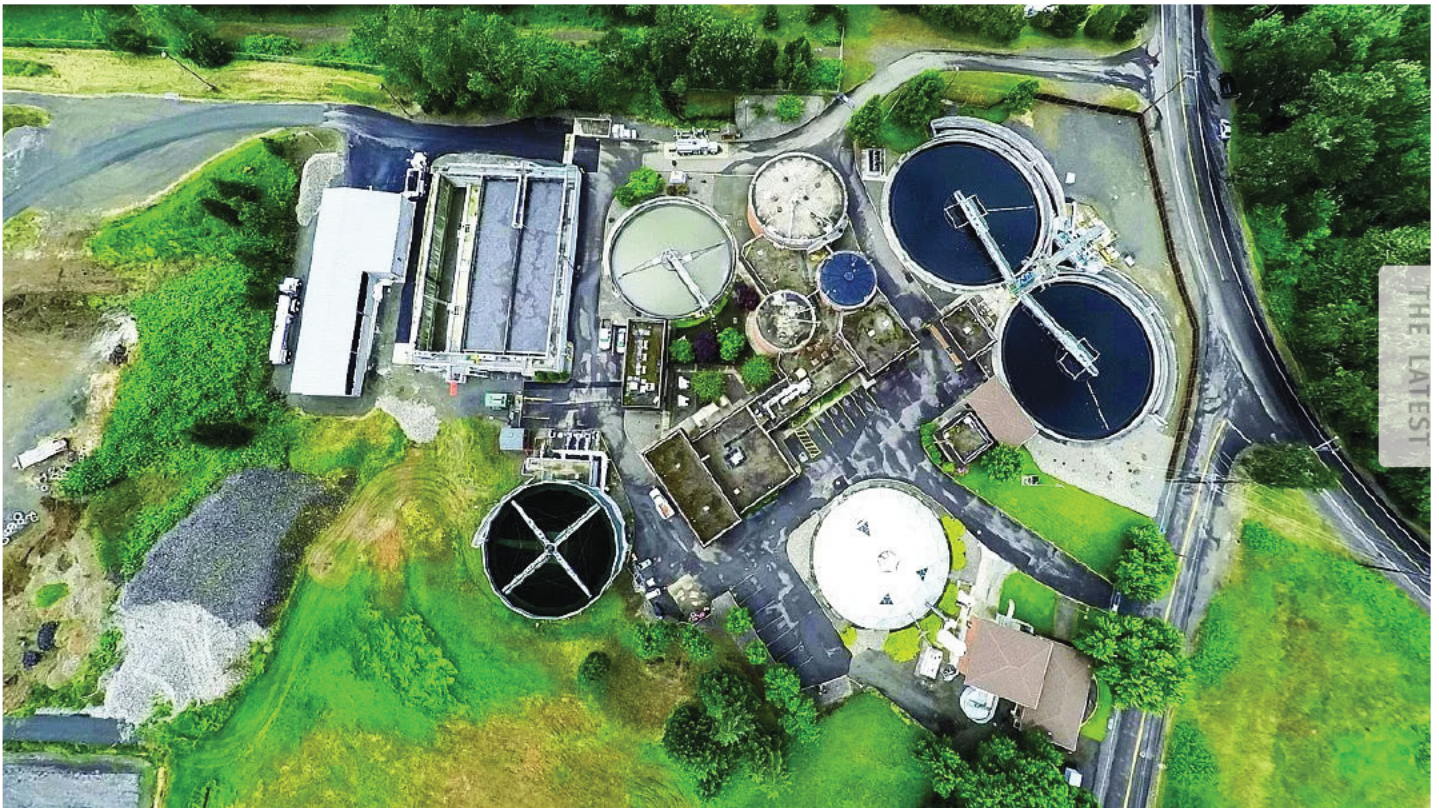
costs, and support the next generation of clean water professionals. For these reasons, Jim Baird is highly deserving of ACWA's Outstanding Individual Award in Innovation in Environmental Management

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Multiple Grants and a Performance Guarantee Bolster This Utility's Solar Project

The Roseburg Urban Sanitary Authority uses grants to install solar energy and battery backup systems that save on energy and build resiliency

JUN 16, 2026 | BY BECKIE GASKILL | TAGS (6) ▾ | ☆ ADD TO FAVORITES



The Roseburg Urban Sanitary Authority's wastewater treatment plant will receive a significant share of its electricity from solar panels installed under a contract with Ameresco.

Many stories align with the broader shift in public utilities exploring renewable energy.

One such story is the partnership between Ameresco and the Roseburg (Oregon) Urban Sanitary Authority. This solar power project, made possible by Oregon Department of Energy grants, increased resilience and afforded significant cost savings for the utility.

One grant provided \$1 million toward the 800 kW solar photovoltaic array, designed to generate 1.2 MWh each year, offsetting 44% of the water treatment plant's energy usage. Another grant, for \$870,870, supported a 50 kW solar array expected to generate 51,580 kWh annually, along with a 186 kW battery storage system to offset the administrative office's entire energy usage.

The third grant was used to offset 64% of the energy usage of the Natural Treatment System, a 340-acre valley where effluent is tertiary treated for phosphorus, nitrogen and temperature control. That \$1 million grant is for a solar project estimated to generate 536,074 kWh annually.

Appealing payback

Brian Solan, vice president of business development with energy service provider Ameresco, says the Roseburg project is unique in the amount of energy wastewater treatment plants use and in finding ways to “get creative behind the meter” to provide in-house power.

There were also challenges in adding power while keeping the plant running. As with most projects, Roseburg's did not have one single driver. But having grants available to complete the projects made it easier to create resiliency for the municipality and the community.

Under a performance contract, Ameresco guarantees the output of the solar systems, taking significant risk off of the utility. As for return on investment, Solan reports that a payback period of less than 15 years is possible. Battery storage installed at the office location helps to provide resiliency and even some backup power.

“Providing battery storage for the offices helps them on a day-to-day basis as well as providing long-term resiliency,” Solan says. For the treatment plant process, however, battery storage would have been cost-prohibitive.

Floating solar panels were also used in the Roseburg project. Solan notes that Ameresco has been using more such systems in both water and wastewater applications. The panels shade the ponds, reducing evaporation and keeping water temperatures in an optimum range.

Jim Baird, RUSA general manager, wanted to work on temperature mitigation before releasing effluent to the Upper Umpqua River Valley, and that is where the floating panels help out. The equalization pond where water is stored basically functions as a heat sink. The solar panels further limit heating of the wastewater.

Checking alternatives

From the plant side, solar panels mean some added maintenance, but it is minimal compared to the rest of plant processes. Under the contract, Ameresco will monitor the



solar system for three years and guarantee a specified energy output.

As part of the project, Ameresco created a curriculum for K-12 schools to showcase renewable energy. Solan says such efforts allow the public to better understand the projects and their benefits, while freeing communities from spending their own money to educate residents.

More communities like Roseburg are taking control of their energy, says Solan, using local resources to reduce dependence on utilities and other outside suppliers. Building resiliency and some level of self-sufficiency is growing in importance. The tipping point for Roseburg, according to Baird, was a bit of a long road.

“We’ve been looking at our energy profiles and what we can do to be more efficient,” Baird says. The process started in 2018, looking at biogas-fueled cogeneration, but when the financial projections proved unattractive, Roseburg started discussing solar energy with Ameresco.

“We had talked about solar in about 2010, but at that time the return on investment wasn’t that great,” Baird recalls. He was looking for a return near half the design life of the facility: “For half of its life, you’re paying for it, and for half of its life, it is paying you.”

Holistic approach

Ameresco came in as an energy service company and looked at opportunities at all parts of the Roseburg system. The company brought extensive experience in using solar to reduce costs and increase resiliency, along with an understanding of the rules and regulations surrounding renewable energy, Baird says.

That allowed Roseburg to benefit from tax credits and other opportunities to offset a large share of the project costs. The city was also able to safe-harbor its tax credit opportunities by having already purchased much of the necessary solar equipment before the sunset of those credits.

The solar energy projects gave Roseburg an energy source that changed the treatment plant’s risk profile. While the community still has diesel generator backup, it now also has a battery backup system at the office to rely on when service crews need access to tools such as mapping. Roseburg also now has more control over power costs in general and lower operating cost for the treatment plant.

ADDENDUM TO JULY 8, 2026 BOARD PACKET

Accounts Payable

Checks by Date - Detail by Check Date

User: christine
Printed: 7/8/2026 2:14 PM



Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
53467	Ameresco	Ameresco, Inc.	07/08/2026	
	70672	Pre-Construction Services - Design and Procurer		106,965.01
	70673	Pre-Construction Services-Design and Procurem		70,288.42
	70677	Design & Construction - Admin Office Solar wit		89,717.20
	70677ret	Design & Construction - Admin Office Solar wit		-4,485.86
	70817	Pre-Construction Services-Design and Procurem		3,708.12
	70818	Pre-Const Services-Design & Procurement WW		7,382.10
	70834	Design & Construction - Admin Office Solar wit		173,718.28
	70834ret	Design & Construction - Admin Office Solar wit		-8,685.91
Total for Check Number 53467:				438,607.36
53468	UB*00113	ALICE CARLTON	07/08/2026	
		Refund Check 002137-000, 1754 NW UTAH		52.00
Total for Check Number 53468:				52.00
53469	WATER INV26272	City of Roseburg	07/08/2026	
		Bulk water and permit		139.40
Total for Check Number 53469:				139.40
53470	DARKTR 10052302	Darktrace Holdings Limited	07/08/2026	
		Darktrace Products and Services		30,811.76
Total for Check Number 53470:				30,811.76
53471	Envisght INV0062864	Envirosight LLC	07/08/2026	
		Wincan VX subscription for office and TV van		5,250.00
Total for Check Number 53471:				5,250.00
53472	UB*00112	GREG HAINES	07/08/2026	
		Refund Check 006114-000, 347 W RIVERSIDE		109.00
Total for Check Number 53472:				109.00
53473	UB*00110	CATHERINE HUGHES	07/08/2026	
		Refund Check 006958-000, 1321 SE MILL		52.00
Total for Check Number 53473:				52.00
53474	UB*00111	CATHERINE HUGHES	07/08/2026	
		Refund Check 006958-001, 1323 SE MILL		52.00
Total for Check Number 53474:				52.00
53475	Leeway	Leeway Engineering Solutions, LLC	07/08/2026	
	1714	Engineering Services for Geodeck Trunk Rehabi		6,472.50
	1742	Collection System Master Plan Amendment		6,856.50
	1745	Engineering Services for Geodeck Trunk Rehabi		4,973.76

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 53475:	18,302.76
53476	PapeMach 16946795	Pape Machinery Parts to repair NTS mower	07/08/2026	134.76
			Total for Check Number 53476:	134.76
53477	UB*00114	ERIC RILEY Refund Check 001938-000, 1564 NW EVANS	07/08/2026	272.00
			Total for Check Number 53477:	272.00
53478	UB*00115	LYNN ROOKER Refund Check 003130-000, 2422 W JAY	07/08/2026	109.00
			Total for Check Number 53478:	109.00
53479	SAIF 1002309129 1002309129cr	SAIF Corporation Worker's Compensation 7/1/26 - 6/30/27 Credit from prior Workers Comp adjustments	07/08/2026	15,011.08 -558.95
			Total for Check Number 53479:	14,452.13
53480	SUNRISE SI00172	Sunrise Enterprises, Inc Monthly janitorial services	07/08/2026	595.00
			Total for Check Number 53480:	595.00
53481	UB*00108	LAURA VENTURA Refund Check 000742-000, 126 SONGBIRD	07/08/2026	52.00
			Total for Check Number 53481:	52.00
53482	UB*00109	BETTY WAGNER Refund Check 007845-000, 1050 NE GARDEN	07/08/2026	40.00
			Total for Check Number 53482:	40.00
53483	WILLGRAY 34030903	Willamette Graystone, LLC Mortar mix	07/08/2026	392.47
			Total for Check Number 53483:	392.47
			Total for 7/8/2026:	509,423.64
			Report Total (17 checks):	509,423.64

CASH DISBURSEMENT RECAP BOARD MEETING AUGUST 12, 2026

Cash Disbursements Since the Last Board Meeting

All Funds:

Total of Prepaid Checks & ACH Transactions	308,722.26
Total of Regular Checks & ACH Transactions	<u>233,437.25</u>

Total Expenditures (not including Payroll)	<u>542,159.51</u>
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Payroll:

Net Payroll - July 31, 2026	91,922.22
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All Checks & ACH Transactions since the Board Meeting July 8, 2026	<u>634,081.73</u>
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Accounts Payable

Checks by Date - Detail by Check Date

User: christine
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Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	ASIFLEX A000325826fdH7K	ASIFlex June 2026 FSA Admin fees	07/10/2026	52.50
Total for this ACH Check for Vendor ASIFLEX:				52.50
ACH	02669 FYE27	PERS Deposit Social Security Fee-FYE 27	07/10/2026	15.36
	JUNE 26 PR	PR Batch 00001.06.2026 PERS Pick-Up	PR Batch 00001.06.2026 PER	1,077.42
	JUNE 26 PR	PR Batch 00001.06.2026 PERS W/Held	PR Batch 00001.06.2026 PER	6,874.44
	JUNE 26 PR	PR Batch 00001.06.2026 PERS - Not W/Held	PR Batch 00001.06.2026 PER	15,379.77
	JUNE 26 PR	PR Batch 00001.06.2026 OPSRP-Not W/Held	PR Batch 00001.06.2026 PER	17,188.78
	June Rounding	Rounding Adjustment-June 2026		0.05
Total for this ACH Check for Vendor 02669:				40,535.82
Total for 7/10/2026:				40,588.32
ACH	AT&T X05252026 x06252026	AT & T Mobility Monthly wireless telephone services Monthly wireless telephone services	07/13/2026	490.15 497.27
Total for this ACH Check for Vendor AT&T:				987.42
Total for 7/13/2026:				987.42
53484	UB*00117	JOHNWELL UPHOLSTERY Refund Check 007192-000, 1427 SE STEPHEN:	07/20/2026	5,200.00
Total for Check Number 53484:				5,200.00
Total for 7/20/2026:				5,200.00
ACH	ASIFLEX A000325826geH1H	ASIFlex FSA Admin Fees - July 2026	07/31/2026	52.50
Total for this ACH Check for Vendor ASIFLEX:				52.50
ACH	Jacobs 35128939-02	Jacobs Engineering Group Inc Professional Services per Agreement	07/31/2026 ROSEB-3	160,637.58
Total for this ACH Check for Vendor Jacobs:				160,637.58
ACH	ASIFLEX JULY 26 PR JULY 26 PR	ASIFlex PR Batch 00001.07.2026 Dependent Care FSA PR Batch 00001.07.2026 Flexible Spending Acco	07/31/2026 PR Batch 00001.07.2026 Dep PR Batch 00001.07.2026 Flex	775.00 1,640.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor ASIFLEX:				2,415.00
ACH	CIS INS	CIS Trust	07/31/2026	
	JULY 26 PR	PR Batch 00001.07.2026 Critical Illness Insuran	PR Batch 00001.07.2026 Med	195.50
	JULY 26 PR	PR Batch 00001.07.2026 Medical Ins w/RX	PR Batch 00001.07.2026 Med	39,070.22
	JULY 26 PR	PR Batch 00001.07.2026 Trauma	PR Batch 00001.07.2026 Med	100.00
	JULY 26 PR	PR Batch 00001.07.2026 Dental & Vision	PR Batch 00001.07.2026 Med	3,389.29
	JULY 26 PR	PR Batch 00001.07.2026 Short-Term Disability	PR Batch 00001.07.2026 Med	80.38
	JULY 26 PR	PR Batch 00001.07.2026 CCIS Insurance AD&I	PR Batch 00001.07.2026 Med	18.70
	JULY 26 PR	PR Batch 00001.07.2026 Voluntary Life Insuran	PR Batch 00001.07.2026 Med	1,166.45
	JULY 26 PR	PR Batch 00001.07.2026 Hospital Indemnity	PR Batch 00001.07.2026 Med	60.50
	JULY 26 PR	PR Batch 00001.07.2026 Voluntary Dependent L	PR Batch 00001.07.2026 Med	37.24
	JULY 26 PR	PR Batch 00001.07.2026 CCIS Insurance Long-	PR Batch 00001.07.2026 Med	192.60
	JULY 26 PR	PR Batch 00001.07.2026 Accident Insurance	PR Batch 00001.07.2026 Med	147.55
	JULY 26 PR	PR Batch 00001.07.2026 Identity Protection	PR Batch 00001.07.2026 Med	117.65
	JULY 26 PR	PR Batch 00001.07.2026 Life Insurance - er	PR Batch 00001.07.2026 Med	132.22
	JULY 26 PR	PR Batch 00001.07.2026 Life Insurance - Spous	PR Batch 00001.07.2026 Med	341.27
Total for this ACH Check for Vendor CIS INS:				45,049.57
ACH	DNB	Internal Revenue Service	07/31/2026	
	JULY 26 PR	PR Batch 00001.07.2026 FICA - Employee	PR Batch 00001.07.2026 Fed	8,568.59
	JULY 26 PR	PR Batch 00001.07.2026 Federal Income Tax	PR Batch 00001.07.2026 Fed	11,403.64
	JULY 26 PR	PR Batch 00001.07.2026 Medicare - Employer	PR Batch 00001.07.2026 Fed	2,003.96
	JULY 26 PR	PR Batch 00001.07.2026 FICA - Employer	PR Batch 00001.07.2026 Fed	8,568.59
	JULY 26 PR	PR Batch 00001.07.2026 Medicare - Employee	PR Batch 00001.07.2026 Fed	2,003.96
Total for this ACH Check for Vendor DNB:				32,548.74
ACH	ORCSD	Oregon Child Support Program	07/31/2026	
	JULY 26 PR	PR Batch 00001.07.2026 Child Support Garnish	PR Batch 00001.07.2026 Chil	142.00
Total for this ACH Check for Vendor ORCSD:				142.00
ACH	OR-REV	Oregon Dept. of Revenue	07/31/2026	
	JULY 26 PR	PR Batch 00001.07.2026 Oregon W/Held	PR Batch 00001.07.2026 Ore	8,800.61
Total for this ACH Check for Vendor OR-REV:				8,800.61
ACH	PEBSCO	Nationwide Retirement Solutions	07/31/2026	
	JULY 26 PR	PR Batch 00001.07.2026 Roth Contribution	PR Batch 00001.07.2026 Nati	200.00
	JULY 26 PR	PR Batch 00001.07.2026 Nationwide-Deferred C	PR Batch 00001.07.2026 Nati	4,850.00
Total for this ACH Check for Vendor PEBSCO:				5,050.00
Total for 7/31/2026:				254,696.00
ACH	Pathpnt	Path Point Merchant Services LLC	08/03/2026	
	July 2026	Credit card merchant service fees		3,008.76
Total for this ACH Check for Vendor Pathpnt:				3,008.76
Total for 8/3/2026:				3,008.76
ACH	Xpress	Xpress Bill Pay	08/05/2026	
	INV-XPR038740	Web, phone, text transactions, maintenance and s		4,241.76

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor Xpress:				4,241.76
Total for 8/5/2026:				4,241.76
Report Total (14 checks):				308,722.26

Accounts Payable

Checks by Date - Detail by Check Date

User: christine
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Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	AT&T x07252026	AT & T Mobility Monthly wireless telephone services	08/12/2026	483.37
Total for this ACH Check for Vendor AT&T:				483.37
ACH	Cintas 4275774874 4277273104 5348173402 9383828256	Cintas Corporation No. 3 Soap and paper products Soap and paper products Re-stock first aid kits 2 - Waterbreak cooler agreements	08/12/2026	54.53 54.53 16.06 90.00
Total for this ACH Check for Vendor Cintas:				215.12
ACH	Jacobs 351289OS-NT-12 351289OS-NT-13	Jacobs Engineering Group Inc OOS NTS Monitoring and Reporting Engineering Support	08/12/2026	2,059.62 589.42
Total for this ACH Check for Vendor Jacobs:				2,649.04
ACH	TEKMAN 105627 105892 105892 105892 105892 105892 105892 105892 105892 105892	TEKMANAGEMENT, INC. Assistance with setup of new Dell PowerEdge S DNS Filter (security) Encryption of laptops Privileged Access Mgmt Software Server Maint & monitoring Backup & Recovery Services Estimated Professional Services to set up NinjaC Cloud storage-server backups Secure Multi-Factor Authentication \$91.20/mo Penetration Testing	08/12/2026	90.20 32.00 107.25 39.60 1,707.70 565.00 400.00 108.00 91.20 253.84
Total for this ACH Check for Vendor TEKMAN:				3,394.79
53485	WP July 2026	Avista Utilities Monthly natural gas service	08/12/2026	58.01
Total for Check Number 53485:				58.01
53486	BANNERMC AA063026 AA070226 AA070426 AA070826 AA071926 AA072626 AA072826 AB062926 AB063026 AB071626 BM070926	BANNER BANK Amazon - Mirror & Garbage Can for Ladies' loc Anderson Process - Charcoal HVAC filters Amazon - Stool for IT Server Room Amazon - Shower curtain, liner, hooks for Ladie Amazon - Sheet protectors, candy Amazon - Blood pressure monitor, O2 monitor Amazon - GoPro & Accessories - Eng. The Waterfront Taphouse-work trip dinner HOLIDAY INN: 1 NIGHT STAY FOR TRIP TO The Home Depot- self level concrete for collecti Bridgtown BBQ - Breakfast morning 1 for WEF	08/12/2026	58.11 705.74 75.19 52.83 35.03 179.48 499.99 15.68 137.75 50.94 45.75

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	BM071026	Hopworks Brewery - Dinner night 3 for WEF		28.13
	BM071126a	Hyatt Regency - 3 night stay for WEF confrence		980.67
	BM071126b	HYATT REGENCY: 1 WATER BOTTLE *NO I		4.00
	BM072126	Abby's - SOOS Lunch - BM, KB, SO, DF, RC, J		120.78
	CM071426	Olive Garden-Dinner-ACWA Conf, CM		27.59
	CM071526	Village Bar & Grill-Dinner, ACWA Conf		39.50
	CM071626	Dinner-ACWA Conf, CM		26.40
	CM071726a	Dinner-ACWA Conf, CM		37.00
	CM071726b	Riverhouse Lodge-ACWA Conf, CM		678.12
	CM072426	AICPA FYE 27 Dues-CM		360.00
	CM073026a	PNCWA Conf Registration-CM		534.37
	CM073026b	NW Biosolids Conf Registration-CM		775.00
	DF070526	Ccleaner - file recovery softwar for Dave		29.95
	DF070626	Network Solutions - SSL Certificate for rusa-or.i		359.88
	DF070726	Ccleaner - Upgrade to above		14.28
	DF071026	Zoom - virtual meeting software for board meeti		148.00
	DF071326	Pcloud - File sharing website		29.97
	DF071326fee	International Transaction Fee - Pcloud		0.27
	DF072326	Network Solutions - Brand protection (remaining		441.48
	DF072826	Amazon - Replacement webcam for Christine		167.50
	GO071526	BI Mart - Pants		37.98
	HW070126	Costco - Annual Membership renewal		130.00
	HW070826	Safeway - Board Meeting Snacks		7.99
	HW072126	USPS - Certified Mail		12.18
	HW072726	Simple In/Out - Location Monitoring		19.99
	JAKE070926	Bagel Tree - Staff Meeting Supplies		37.75
	JB071126	Air Canada - Travel to WPI Board meeting (reim		2,633.25
	JB071326	Open AI - research		8.00
	JB071726	RiverHouse Lodge - lodging & meals - ACWA C		1,168.11
	KB062926a	KILLER BURGER: LUNCH FOR AB AND KB		29.29
	KB062926b	THE WATERFRONT TAP: DINNER FOR TRIF		17.04
	KB063026	HOLIDAY INN: 1 NIGHT STAY FOR TRIP TO		137.75
	KB071026a	HYATT REGENCY FOOD & BEVERAGE: BF		55.00
	KB071026b	METROPLITAN TAVERN: DINNER NIGHT 3		30.00
	KB071026c	HYATT REGENCY: 3 NIGHT STAY FOR WEF		935.67
	KB071026d	HYATT REGENCY: 2 WATER BOTTLES *NO		8.00
	KB071126	METROPLITAN TAVERN: DINNER NIGHT 2		23.00
	KB071626	SAFEWAY: 6 BAGS OF ICE		20.94
	NW070826	Walgreens - Lighter for Sarah - Irrigation		9.99
	RC070726	Good Guys Garage - 2012 F550		106.48
	RC070826a	Expedia - Hotel Resevation for Backflow Certifi		182.82
	RC070826b	Expedia - Credit - Hotel Resevation for Backflov		-172.88
	RC070826c	Expedia - Credit - Hotel Resevation for Backflov		-9.94
	RK070626	PNCWA - Conference Registration - RK		584.75
	RK070826	Bi Mart- Memory Cards for Field Cameras		23.97
	RK071426	Bend Burger Company- Dinner - ACWA Confer		22.89
	RK071526	Hardy's - Dinner - ACWA Conference - RK		26.55
	RK071726	Riverhouse Lodge Bend OR-Lodging at ACWA		678.12
	RK073126	Professional Land Surveyors of Oregon - Annual		268.00
	SL071426	Summit Safety - Hi Vis Safety Vests		505.41
	SL071526a	Best Med - CDL Physical - Steve		113.30
	SL071526b	Pump Tech - Vacuum Air Release Valve		1,214.22
	SL071626	PNCWA Conference lunches- Steve		55.70
	SO070726a	Holland bulb farms - Plants for around dry creek		114.17
	SO070726b	Plant warehouse - plants for dry creek bed		254.00
Total for Check Number 53486:				15,948.87
53487	BATT PLU P92972525	Batteries Plus #208 Replacement UPS for Finance Director	08/12/2026	229.95

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for Check Number 53487:				229.95
53488	CDW AJ9NA5A AK3LR3C	CDW Government LLC Arctic Wolf Suite Veeam for M365 cloud backup	08/12/2026	47,283.40 1,772.25
Total for Check Number 53488:				49,055.65
53489	ORMS 217090	Chaves Consulting, Inc Monthly electronic document storage service	08/12/2026	532.00
Total for Check Number 53489:				532.00
53490	Chytka 186249	Chytka Pest Control LLC Monthly pest control service	08/12/2026	50.00
Total for Check Number 53490:				50.00
53491	WATER July 2026 Admin July 2026 CSB July 2026 High July 2026 LV July 2026 Winch July 2026 WRF	City of Roseburg Water Usage-Admin Bldg Water Usage-Collection Storage Bldg Water Usage Highland PS Water Usage Loma Vista PS Water Usage Winchester PS Water Usage WRF	08/12/2026 330-3470-00 320-1832-00 360-3420-00 360-3420-00 360-3420-00 320-1830-00	315.73 37.82 511.85 37.82 323.46 1,547.02
Total for Check Number 53491:				2,773.70
53492	Control CSNW- 3038	Control Systems NW, LLC Consulting services to develop the WRF SCADA	08/12/2026	8,085.67
Total for Check Number 53492:				8,085.67
53493	DRAUTO 244343 244347 244347cr 247427 247555	D & R Auto & Truck Supply Corp Support to repair 2019 Service Truck Utility Bed Support to repair 2019 Service Truck Utility Bed Support to repair 2019 Service Truck Utility Bed DEF fluid DEF fluid	08/12/2026	31.67 56.28 -31.67 36.98 110.94
Total for Check Number 53493:				204.20
53494	DCPW 809050	Douglas County Public Works Grit pit dump fees	08/12/2026	190.82
Total for Check Number 53494:				190.82
53495	DFN Aug 2026 Admin Aug 2026 Brbn Aug 2026 CSB Aug 2026 GateI Aug 2026 GateP Aug 2026 High Aug 2026 Host Aug 2026 Keady Aug 2026 LV Aug 2026 NBank Aug 2026 NTS Aug 2026 Ph/Cam Aug 2026 Wilb1	Douglas Fast Net Internet Services-Admin Internet Services-Bourbon St Internet Services-Collections Storage Bldg Internet Services-NTS Gate Phone Service-NTS Gate Internet Services-Highland PS Admin Hosting Internet Services-Keady Ct Internet Services-Loma Vista P Internet Services-No. Bank PS Internet Services-NTS Phones/Security Cams Internet Services-Wilbur 1 PS	08/12/2026 Service: 14806 Service: 205697 Service: 272962 Service: 271594 Service: 5413914279 Service: 105797 Service: 106289 Service: 205950 Service: 105793 Service: 237686 Service: 141784 Service: 105796	223.99 102.58 100.69 75.59 28.77 78.59 10.80 78.59 106.58 75.59 86.39 101.19 75.59

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	Aug 2026 Wilb2	Internet Services-Wilbur 2 PS	Service: 105794	75.59
	Aug 2026 Winch	Internet Services-Winchester P	Service: 105795	64.79
Total for Check Number 53495:				1,285.32
53496	DUKE 43630	Duke's Root Control Inc Dukes Root Treatment - Job #6089	08/12/2026	14,091.70
Total for Check Number 53496:				14,091.70
53497	FASTENAL ORGRA144175	Fastenal Company Blue traffic cones	08/12/2026	592.01
Total for Check Number 53497:				592.01
53498	Goblesam BINV0013738	Goble Sampson Associates INC Watson Marlow Qdos Pump	08/12/2026	5,487.00
Total for Check Number 53498:				5,487.00
53499	UB*00116	LINDA HARRIS Refund Check 020171-000, 1451 NE FOUR SE/	08/12/2026	78.00
Total for Check Number 53499:				78.00
53500	ICONIX U2616024694	ICONIX WATERWORKS INC Vacuum air release valve	08/12/2026	1,905.32
Total for Check Number 53500:				1,905.32
53501	COASTAL C04370 C09025	John Deere Financial f.s.b. Dry creek bed irrigation supplies Dry creek bed irrigation supplies	08/12/2026	65.26 32.00
Total for Check Number 53501:				97.26
53502	KERSHNER July 2026	Ryon Kershner Mileage reimbursement - RK - ACWA Conf in B	08/12/2026	258.10
Total for Check Number 53502:				258.10
53503	LTM 796261	Knife River Materials Rock for manhole repair	08/12/2026	112.25
Total for Check Number 53503:				112.25
53504	LOWES 75333 75562 75574 86367	Lowes Parts to repair sightglass tube Floor repair supplies Masking tape Cleaning supplies	08/12/2026	37.66 18.03 8.23 25.80
Total for Check Number 53504:				89.72
53505	METRO IN688012	Metro Presort Inc Print, cut and mail utility bills	08/12/2026	3,765.20
Total for Check Number 53505:				3,765.20
53506	CMM July 2026	Christine Morris Mileage reimbursement - CM - ACWA Conf in F	08/12/2026	258.10

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 53506:	258.10
53507	NBS IN166312	National Business Solutions Quarterly maintenance contract - KonicaMinolta	08/12/2026	385.05
			Total for Check Number 53507:	385.05
53508	NEILSON 105799	Neilson Research Corporation NPDES Enhanced Sampling	08/12/2026	1,592.00
			Total for Check Number 53508:	1,592.00
53509	NEXNET 30384 Admin 30384 WRF	Nexcom, LLC Monthly digital phone services - Admin Monthly digital phone services - WRF	08/12/2026	346.00 196.50
			Total for Check Number 53509:	542.50
53510	NWINDUST 8504	NW Industrial Hydraulics, INC. Stainless Steel headers for gas system	08/12/2026	14,241.00
			Total for Check Number 53510:	14,241.00
53511	OR-LIN 1404200 1409392 1415207	Oregon Linen, Inc. Laundry and mat services Laundry and mat services Laundry and mat services	08/12/2026	47.18 66.11 47.18
			Total for Check Number 53511:	160.47
53512	PAC AIR i25024	Pacific Air Comfort, Inc. HVAC maintenance	08/12/2026	500.00
			Total for Check Number 53512:	500.00
53513	PPL July 2026 411LM July 2026 425LM July 2026 Admin July 2026 Brbn July 2026 Gate July 2026 High July 2026 Keady July 2026 LV July 2026 NBank July 2026 NTS July 2026 SBank July 2026 Wilb1 July 2026 Wilb2 July 2026 WRF July 2026 WRF2	Pacific Power Usage-411 LM-Storage Bldg Power Usage-425 Long Meadow Power Usage-Admin Bldg Power Usage-310 Bourbon St PS Power Usage-140 LM-NTS Gate Power Usage-Highland PS Power Usage-Keady Ct PS Power Usage-Loma Vista PS Power Usage-North Bank PS Contract/Power Usage-NTS PS Power Usage-South Bank PS Power Usage-Wilbur 1 PS Power Usage-Wilbur 2 PS Power Usage-WWTP 1 Power Usage-WWTP 2	08/12/2026	35.21 17.77 152.38 69.67 34.15 871.70 76.34 105.83 166.68 14,220.50 1,673.11 108.79 133.00 24,888.06 33.02
			Total for Check Number 53513:	42,586.21
53514	BOLI 25004 - Allied 25004 - Tree	Prevailing Wage Rate Unit Pubilc Works Fee - Allied Plumbing & Pumps - (1 Pubilc Works Fee - Mountain View Tree Svc - G	08/12/2026	3,201.22 250.00
			Total for Check Number 53514:	3,451.22
53515	QFence	Quality Fence Company, Inc.	08/12/2026	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	116609	Fence repair parts		113.90
			Total for Check Number 53515:	113.90
53516	RSBG-DIS 1491331	Roseburg Disposal Company Monthly garbage services	08/12/2026	70.00
			Total for Check Number 53516:	70.00
53517	Shirtclf 0127473-IN 5176737-IN CL43824-IN CL45418-IN CL45845 CL45846-IN CL46257 CL46258-IN	Shirtcliff Oil Co. Fill fuel tank at WRF Lubricants - WRF Vehicle fuel - WRF Vehicle fuel - WRF Vehicle fuel - WRF Vehicle/equipment fuel use Vehicle fuel - WRF Vehicle/equipment fuel use	08/12/2026	1,725.42 432.47 150.23 224.81 411.62 874.15 125.09 1,535.17
			Total for Check Number 53517:	5,478.96
53518	SHRED-IT 8014863951	Stericycle, Inc. Monthly document shredding services	08/12/2026	107.32
			Total for Check Number 53518:	107.32
53519	Stratton 2026-114	Stratton Brothers, Inc. Relocated sewer service off failing sewer main a	08/12/2026	7,215.00
			Total for Check Number 53519:	7,215.00
53520	SUNRISE SI00222	Sunrise Enterprises, Inc Monthly janitorial services	08/12/2026	595.00
			Total for Check Number 53520:	595.00
53521	DYER 41601 41608	The Dyer Partnership Engineers & Planners Engineer to secure a no rise certificate for Newtc Sleepy Hollow Sewer Line Stabilization	08/12/2026	14,028.00 7,325.00
			Total for Check Number 53521:	21,353.00
53522	THMSCRK 1901 1932	Thomas Creek Landscaping & Maintenance Delivery & Spreading of Bark Monthly landscape services	08/12/2026	5,400.00 350.00
			Total for Check Number 53522:	5,750.00
53523	TIM ALLE 28381	Tim Allen Equipment Boom lift rental to remove cameras for replacem	08/12/2026	183.60
			Total for Check Number 53523:	183.60
53524	UBWA July 2026 411LM July 2026 606LM July 2026 Brbn	Umpqua Basin Water Association Water - 411 Long Meadows Ln Water - 606 Long Meadows Ln Water - 310 Bourbon St	08/12/2026	28.00 28.00 28.00
			Total for Check Number 53524:	84.00
53525	UMPS&G 4163715	Umpqua Sand & Gravel Rock for manhole repair	08/12/2026	691.86

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	4167894	NTS Road Maintenance		104.23
Total for Check Number 53525:				796.09
53526	UNITED 263938911-001	UNITED RENTALS (NORTH AMERICA) Equipment rental to repair slide gate	08/12/2026	810.83
Total for Check Number 53526:				810.83
53527	WHITNEY PS-INV116537	Whitney Equipment Company, Inc. (5) RF15-SS-FFG-G-100 4" SS Ball Valve	08/12/2026	10,702.93
Total for Check Number 53527:				10,702.93
53528	MOTORSP 84158	Zoom Motorsports Truck Topper for Engineering and Operations M:	08/12/2026	4,827.00
Total for Check Number 53528:				4,827.00
Total for 8/12/2026:				233,437.25
Report Total (48 checks):				233,437.25



ROSEBURG URBAN SANITARY AUTHORITY

1297 N.E. Grandview * P.O. Box 1185 Roseburg, OR 97470 * 541-672-1551 * 541-672-7548 Fax

Memorandum

Date: August 3, 2026
To: Jim Baird
From: Clay Jordan
Subject: Procurement Summary for Engineering Services for
WWTP Pump Replacement – 30% Design – RFP #26005-001

Background

RUSA solicited proposals from qualified engineering firms to provide professional engineering services for the development of a 30% design for replacement of influent pumps at the Wastewater Treatment Plant (WWTP). This memorandum summarizes the procurement process and resulting recommendation.

Procurement Process Overview

The following process was conducted in selecting the most qualified firm to prepare the WWTP Pump Replacement – 30% Design:

- 1. Needs Assessment & Scope Development:** RUSA staff developed the project scope and solicitation documents based on identified operational, maintenance, and planning needs.
- 2. Solicitation Method:** RUSA utilized a Qualifications-Based Selection (QBS) process in accordance with ORS 279C.110 for procurement of engineering services.
- 3. Request for Proposals (RFP):** RUSA issued an RFP on June 22, 2026, via Bid Locker, a secure bid submission and e-procurement platform. This RFP was advertised with Portland's DJC and with Roseburg's News Review on June 24, 2026, satisfying the public notice requirements outlined in ORS 279C.260. RUSA also posted the RFP information and Bid Locker link to the RUSA website and notified several engineering firms known to provide this type of service, ensuring broad dissemination to attract qualified respondents.
- 4. Pre-Proposal Conference:** A mandatory pre-proposal conference was held on June 29, 2026, at which 7 firms attended either in person or virtually. RUSA staff provided an overview of the project, summarized the procurement process, and responded to consultant questions. A non-mandatory walkthrough of the Wastewater Treatment Plant followed right after the mandatory pre-proposal conference for those who were in person.
- 5. Receipt of Proposals:** Seven firms attended the mandatory pre-proposal conference; however, only two firms submitted proposals by the July 21, 2026, deadline. Proposers were Jacobs

Engineering Group Inc. and Midea Development, LLC. Both proposals met the responsiveness requirements identified in the RFP and were reviewed by RUSA's Consultant Evaluation Committee.

- 6. Evaluation Process:** RUSA established a four-member Consultant Evaluation Committee composed of one member of the RUSA Board of Directors and three members of the RUSA staff. In accordance with the RFP, each member of the Committee independently scored each proposal based on the following criteria:

- Qualifications of Proposer
- Related Experience and Reference Projects
- Qualifications of Proposer's Team
- Project Understanding and Approach
- Project Schedule
- Scope of Work

The Committee Members' evaluation scores were compiled, and an in-person meeting of the Consultant Evaluation Committee was held on July 28, 2026, to review the resulting scores and rankings of proposals.

- 7. Selection and Negotiation:** Based on the evaluation results, the Consultant Evaluation Committee ranked Jacobs Engineering Group Inc. as the highest-scoring proposer and recommends proceeding with negotiations regarding scope, schedule, fee, and contract terms consistent with ORS 279C.110. If negotiations are not successful, RUSA may terminate negotiations and determine appropriate next steps, including re-solicitation.
- 8. Contract Award:** Following successful negotiations authorized by the RUSA Board of Directors, RUSA intends to submit the contract to the Board for final review and approval.

Compliance with Oregon State Statutes

This procurement was conducted in compliance with applicable Oregon procurement statutes, including ORS 279A and ORS 279C.

Recommendation

Final Ranking:

1. Jacobs Engineering Group Inc.
2. Midea Development, LLC

The procurement was conducted in accordance with applicable Oregon procurement requirements and the procedures established in the RFP. Based on the qualifications-based evaluation process, the Consultant Evaluation Committee recommends proceeding with contract negotiations with Jacobs Engineering Group Inc. as the highest-ranked proposer.

GENERAL MANAGERS REPORT

Date: 08/05/26
To: Roseburg Urban Sanitary Authority, Board of Directors
From: James V. Baird, General Manager
Re: General Managers Informational Report to the Board

South Umpqua Trunk South Bank Repair – Project No. 25002

Staff have met the requirements of the Oregon Emergency Management (OEM) to complete our request for funding. The \$671,587.89 reimbursement will be deposited into our LGIP account after OEM has completed their review.

WWTP Solar – Project No. 24011

Ameresco is working on completing the 100% design to submit to DEQ for approval. We are working with Pacific Power to complete the inter-connection agreement. A mandatory contractor site walk through is scheduled for August 12th.

Admin. Office Solar – Project No. 24012

The contractor and vendor have completed the commissioning of the battery. Ameresco is working on integrating the system monitoring into the energy dashboard that will be displayed on our website. The ribbon cutting ceremony has been scheduled for October 13th.

NTS Solar -Project No. 25001

Ameresco is working on 100% plans for submittal to the DEQ for engineering review. A mandatory contractor site walk through is scheduled for August 12th.

Emergency Declaration

Walmart MH Repair – Project No. 25006

Dyer Partnership has completed the design and submitted it to the Division of State Lands for their final review. We will submit the project to the City of Roseburg for their review and approval. Staff will be soliciting bids for the project

Sleepy Hollow Creek Main repair – Project No. 25005

Dyer Partnership has completed the design and received approval. Staff are soliciting bids for the work.

Goedeck Trunk Rehabilitation - Project No. 25004

Allied Plumbing and Pumps LLC are working on providing the submittals required. The contractor will submit a schedule when the submittals have been approved.

WRF SCADA Road Map Assessment – Project 26001

Control Systems NW has completed a schedule for the project with a completion date of October 5th, 2026. The contractor has held the first workshop (Existing Condition) of four with staff.

Freemont Ave. Sewer Replacement – Project No. 26004

The project engineering firm, Dyer Partnership Engineers & Planners, has completed the plans and specifications. Staff are working to solicit bids from selected contractors to complete the project.

WWTP Pump Replacement – Project No. 26005

The proposal for this project has been evaluated by the consultant evaluation committee. Jacobs Engineering Group received the highest rating. The committee has recommended to the Board that staff enter negotiation on the scope of work, level of effort and cost for the project.

ROSEBURG URBAN SANITARY AUTHORITY
as of June 30, 2026

	Budget FYE 25-26	Current Year To Date	Prior Year To Date	(OVER) Under Budget	YTD Total as a Percent of Budget
<u>GENERAL FUND</u>					
EXPENDITURES					
Administration & Engineering					
Personal Services	1,193,091	1,124,374	927,795	68,717	94.24%
Materials & Services	848,500	618,501	481,307	230,000	72.89%
Capital Outlay	256,500	204,503	101,455	51,997	79.73%
Treatment					
Materials & Services	3,239,000	2,724,553	2,342,991	514,447	84.12%
Capital Outlay	52,000	6,589	12,604	45,411	12.67%
Collection					
Personal Services	1,078,235	944,230	921,850	134,005	87.57%
Materials & Services	419,800	148,274	157,706	271,526	35.32%
Capital Outlay	1,129,500	315,791	1,627,981	813,709	27.96%
Finance					
Personal Services	624,444	581,710	536,367	42,734	93.16%
Materials & Services	249,200	205,708	188,508	43,492	82.55%
Capital Outlay	6,500	731	7,523	5,769	11.24%
Transfers	3,607,000	3,607,000	1,495,000	0	100.00%
Contingency	550,000	0	0	550,000	0.00%
Unappropriated Ending Fund Balance	7,997,280	0	0	7,997,280	0.00%
Total Budget	21,251,050	10,481,963	8,801,087	10,769,087	49.32%

RESOURCES					
Sewer Service Fees	12,642,750	12,489,611	12,167,098	153,139	98.79%
Miscellaneous Income	58,300	84,228	280,078	(25,928)	144.47%
Penalties	145,000	136,213	161,995	8,787	93.94%
Interest Income	240,000	419,602	318,164	(179,602)	174.83%
	13,086,050	13,129,655	12,927,336	(43,605)	100.33%
Beginning Fund Balance	8,165,000				
Total Budget	21,251,050				

COLLECTION SYSTEM EXPANSION

EXPENDITURES					
Construction Projects	1,798,000	0	0	1,798,000	0.00%
Unappropriated Ending Fund Balance	0	0	0	0	0.00%
Total Budget	1,798,000	0	0	1,798,000	0.00%
RESOURCES					
Interest Income	60,000	85,101	86,102	(25,101)	141.84%
System Development Charges	162,800	155,161	158,197	7,639	95.31%
	222,800	240,262	244,300	(17,462)	107.84%
Beginning Fund Balance	1,575,200				
Total Budget	1,798,000				

ROSEBURG URBAN SANITARY AUTHORITY
as of June 30, 2026

	Budget FYE 25-26	Current Year To Date	Prior Year To Date	(OVER) Under Budget	YTD Total as a Percent of Budget
<u>INFRASTRUCTURE REPLACEMENT RESERVE FUND</u>					
EXPENDITURES					
Construction Projects	3,000,000	372,309	1,345,682	2,627,691	12.41%
Unappropriated Ending Fund Balance	0	0	0	0	0.00%
Total Budget	3,000,000	372,309	1,345,682	2,627,691	12.41%
RESOURCES					
Interest Income	30,000	96,566	51,888	(66,566)	321.89%
Transfers from Other Funds	2,315,000	2,315,000	1,495,000	0	100.00%
	2,345,000	2,411,566	1,546,888	(66,566)	102.84%
Beginning Fund Balance	655,000				
Total Budget	3,000,000				
<u>TREATMENT PLANT EXPANSION</u>					
EXPENDITURES					
Construction Projects	1,107,000	0	0	1,107,000	0.00%
Unappropriated Ending Fund Balance	0	0	0	0	0.00%
Total Budget	1,107,000	0	0	1,107,000	0.00%
RESOURCES					
Interest Income	44,000	50,365	51,410	(6,365)	114.47%
System Development Charges	107,000	81,649	83,249	25,351	76.31%
	151,000	132,014	134,658	18,986	87.43%
Beginning Fund Balance	956,000				
Total Budget	1,107,000				
<u>PLANT EQUIPMENT REPLACEMENT</u>					
EXPENDITURES					
Misc Plant Equipment Projects	2,000,000	232,156	332,591	1,767,844	11.61%
Unappropriated Ending Fund Balance	0	0	0	0	0.00%
Total Budget	2,000,000	232,156	332,591	1,767,844	11.61%
RESOURCES					
Transfer from General Fund	692,000	692,000	0	0	100.00%
Interest Income	46,000	61,603	68,377	(15,603)	133.92%
	738,000	753,603	68,377	(15,603)	102.11%
Beginning Fund Balance	1,262,000				
Total Budget	2,000,000				

ROSEBURG URBAN SANITARY AUTHORITY
as of June 30, 2026

	Budget FYE 25-26	Current Year To Date	Prior Year To Date	(OVER) Under Budget	YTD Total as a Percent of Budget
<u>ASSET ACQUISITION & REPLACEMENT FUND</u>					
EXPENDITURES					
Transfers to Other Funds	0	0	6,823,012	0	0.00%
Unappropriated Ending Fund Balance	915,100	0	0	915,100	0.00%
Total Budget	915,100	0	0	915,100	0.00%

RESOURCES					
Interest Income	210,000	10,659	179,265	199,341	5.08%
Transfer From General Fund	600,000	600,000	0	0	100.00%
	810,000	610,659	179,265	199,341	75.39%
Beginning Fund Balance	105,100				
Total Budget	915,100				

CAPITAL PROJECTS FUND

EXPENDITURES					
Capital Outlay					
Construction Projects	8,600,000	1,705,719	3,710	6,894,281	19.83%
Debt Service					
Interest Expense	115,000	0	0	115,000	0.00%
Principle Payments on Loan(s)	5,729,130	0	0	5,729,130	0.00%
Unappropriated Ending Fund Balance	1,245,870	0	0	1,245,870	0.00%
Total Budget	15,690,000	1,705,719	3,710	13,984,281	10.87%

RESOURCES					
Grants and Loans	8,600,000	37,406	0	8,562,594	0.43%
Interest Income	138,000	279,274	159,956	(141,274)	202.37%
Transfer From General Fund	0	0	6,823,012	0	0.00%
	8,738,000	316,680	6,982,968	8,421,320	3.62%
Beginning Fund Balance	6,952,000				
Total Budget	15,690,000				

ROSEBURG URBAN SANITARY AUTHORITY

NEW DEVELOPMENTS AND PROJECTS

DEVELOPMENTS:

- Hanna Heritage Plaza Sewer Main Relocation-Project Complete-Waiting on Easement
- Tarragon Acres
- Old Hwy99

PRELIMINARY DESIGN:

- Harvard/Maple Sewer Improvement
- WWTP Influent Pump Station Replacement-RFP has now been advertised.
- WWTP SCADA Upgrade-Work to begin June 30th

PROJECTS:

- Deer Creek sewer trunk line rehabilitation project - Now in Warranty
- Parrot Street Storm Culvert Replacement- Under Construction
- Goedeck CIPP Project-contractor is working through submittals

ROSEBURG URBAN SANITARY AUTHORITY

July 2026 STAFF REPORTS

COLLECTION DEPARTMENT:

- 24 work orders completed.
- Cleaned and CCTV 7,226 feet or 1.37 miles of mainline.
- Cleaned 27,967 feet or 5.3 miles of mainline.
- 18 Manhole inspections completed.
- Repaired 1 manhole.
- Completed 1 service connection taps to manhole.
- Completed cleaning and drawdown testing for Back 9, Winchester, Fairgrounds, Loma Vista, Keady Court, Wilbur 1, Wilbur 2, and Northbank Lift Stations.
- Responded to two after-hours callouts.
- Completed monthly air release valve inspections and cleaning.
- Completed monthly trouble spot inspections.

ENGINEERING DEPARTMENT:

- Issued 11 permits and 12 completed inspection.
- 219 Locates Completed
- RFP for SCADA Upgrade RFP-Work in progress
- Goedeck Trunk Rehab contract has been awarded to Allied Plumbing and Pumps LLC- work in progress
- Walmart Manhole Repair-Waiting on final permit
- Sleepy Hollow Creek- Main Repair-project out to bid.
- Working With IT department on GIS and Infrastructure management software upgrade.
- RUSA FOG Inspections
 1. Round Table Pizza-Looked Good- Working with manager to get pumping schedule
 2. Wing Stop-Looked Good-Working with manager to get pumping schedule
 3. Elmers – Looked Good
 4. Winco - Needed Pumping
 5. Gilberto's – Was pumped before closing

FINANCE DEPARTMENT:

- Vacancy Credits: 10 were processed for a total of \$1,739.00.
- Credit cards/Echecks/debit cards: 3741 transactions totaling \$362,402.22 or approximately 34.7% of monthly billing was collected.
- Automatic Payments (RUSA): 1953 customer accounts are signed up. Received \$159,005.01 or approximately 15.2% of monthly billing.
- Remote Check Deposit: 1389 checks received in the office for a total of \$379,444.09 deposited.



TO: Jim Baird, General Manager-RUSA
FROM: Dan Prather, Project Manager-Jacobs
DATE: August 5, 2026
SUBJECT: Monthly Report for July

OPERATIONAL ACTIVITIES

- All permit parameters were met this month.
- The treatment facility averaged 99% BOD removal and 97% Total Suspended Solids removal during the month with a requirement of no less than 85% removal for each.
- The facility's electrical consumption (based on meter readings) for July 2026 was 222,000 KWHRS with a total Effluent flow of 82.23 million gallons, all of which went to the Natural Treatment System at Outfall 002. July 2025 electrical consumption was 234,000 KWHRS with a total Effluent flow of 84.78 million gallons.

PRETREATMENT ACTIVITIES

- Mailed out 10 Pretreatment surveys to local businesses.

The following pretreatment inspections were completed in June:

- Callahan Village-Scheduled inspection; used a sludge judge on the tank. There were 2 inches of grease, and the tank was 5% full.
- Dutch Bros Garden Valley-Scheduled inspection; the interceptor was full. Called and left a message for Clayton, contact for Dutch Bros.
- Fred Meyer-Scheduled inspection; the interceptor was 10% full.
- Granny Mini Hut-Scheduled inspection; looked OK at the nearest manhole.
- Solista Assisted Living-Scheduled inspection; FOG build up on the concrete going into manhole. Called spoke with manager. The trap is cleaned every quarter. She will speak with maintenance about the issue.
- Umpqua Dairy-Semiannual inspection, everything was OK.

NATURAL TREATMENT SYSTEM (NTS)

- 100% of effluent water was irrigated this month
- Repaired sprinklers and irrigation piping
- Continued alternative infiltration trials
- Preparing target areas for grass seed
- Collecting pond temperature data
- Concluded chemical Phosphorous reduction trial

MAINTENANCE ACTIVITIES

- The Maintenance Team completed **747** Preventative Maintenance items for the month.
- The Maintenance Team completed **22** Corrective Maintenance items for the month.

Call Outs for the Month

- Power Outages

Current Month Lift Station Flows

- **Total Approx.** Flow from all Lift Stations for the month – **35,562,522 Gallons**
- **Average Approx.** Daily Flow from all Lift Stations per day - **1,147,178.13 Gallons**

Current Month Repairs

- Pre-Treatment Mechanical Screen – Gearbox Rebuilt
- Annual Lift Station Service
- Secondary Clarifier Sludge Removal – Cleaning – Inspection
- Neuros Blower
- Energy Trust of Oregon (Monitoring Equipment)

LABORATORY ACTIVITIES

- We are in our normal summer testing which requires: CBOD's 3 times a week, TSS 3 times a week, pH daily, Chlorine Residual Daily average, Ammonia 3 times a week, E. Coli 3 times a week, Nitrate once a week, TKN once a week, and Total Phosphorus once a week.
- The Eureka probes are placed in SW1, SW5, and SW6, to continuously monitor pH, Temp., and D.O.
- Also included for the summer is Total Phosphorus (PO₄) for the NTS, which is sampled at SW1, SW5, and SW6 once a week and once a month at MW1.
- TKN and Nitrite-Nitrate are tested weekly for SW5.
- Ammonia is tested at SW5 once a month.
- When discharging from the pond, we sample daily for PO₄ at SW5.
- Number of Tests for permit: 135
- Eureka probes were calibrated and deployed at SW1, SW6, and SW5, on July 1st and on July 16th Probes were pulled, downloaded, recalibrated, and redeployed.
- On July 8th, lab water was sampled and sent out to NRC.
- Sampled Toxics and Copper Bio on July 14th.

BIOSOLIDS

- Applied 121.36 dry tons of dewatered cake to two sites.
- Applied 188,000 gallons of liquid biosolids to one site.
- Drove approximately 1,844 miles.
- Emptied 1 biosolids storage bay and started emptying the other bay.
- Sampled biosolids for 3rd quarter 2026 analysis.

UPCOMING ITEMS

- Gas manifold and valve installation.
- Primary clarifier 2 inspection.
- Secondary clarifier 2 inspection.

ENCLOSURES

12 Month Moving Avg.

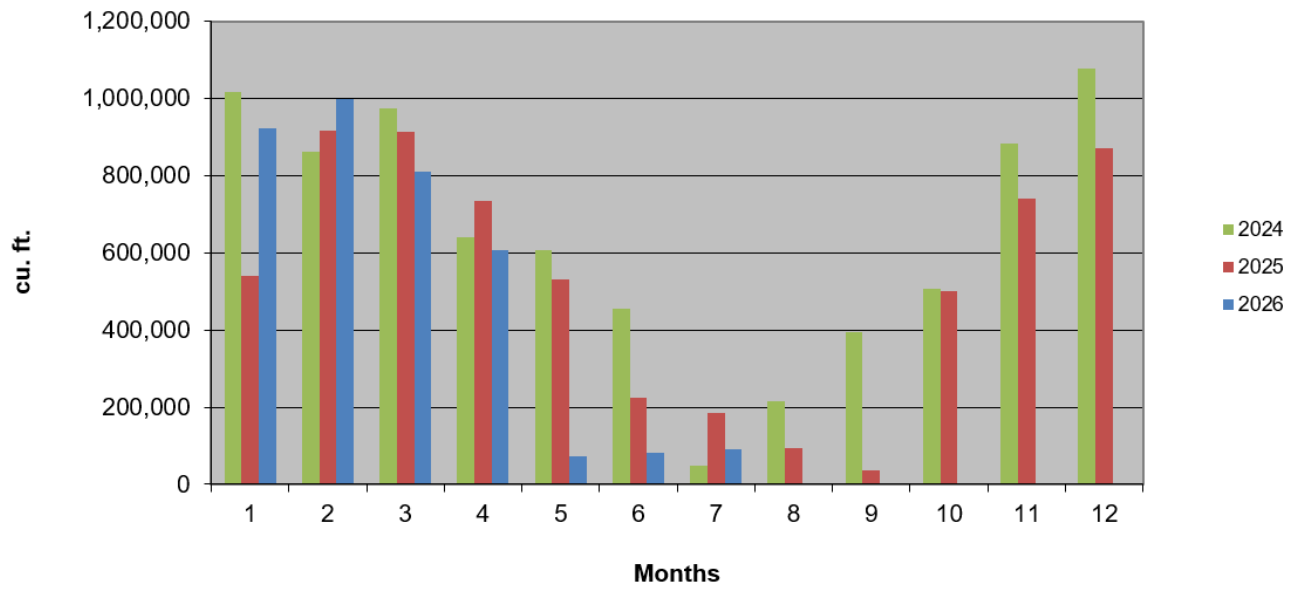
Boiler/Flare Gas Usage graphs

Influent TSS/BOD and Effluent Flow Graphs

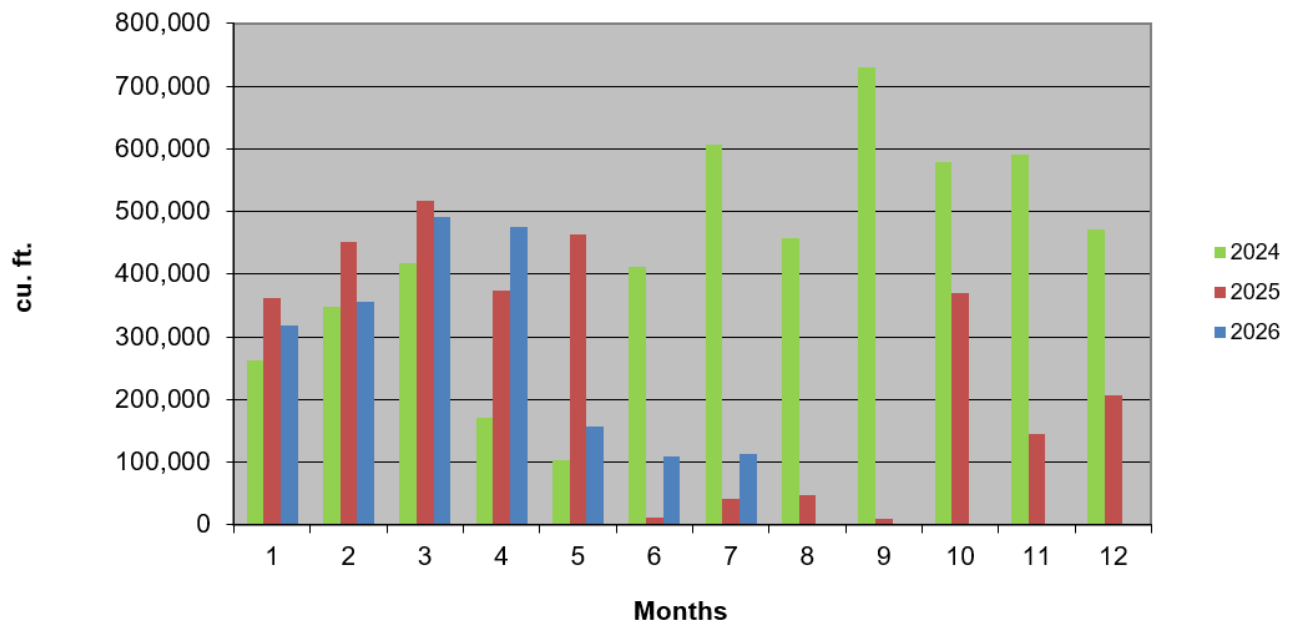
12 MONTH MOVING AVERAGES

Month/Year	Plant Inf Q Average MGD	Plant Inf Average lbs/day CBOD/BOD	Plant Inf Average lbs/day TSS
Aug-25	2.68	7174	6706
Sep-25	2.69	7531	7180
Oct-25	2.91	5707	6337
Nov-25	3.22	6576	5452
Dec-25	4.66	6866	5876
Jan-26	4.26	6100	5145
Feb-26	5.73	6817	5939
Mar-26	4.20	6919	5359
Apr-26	4.20	8059	6139
May-26	2.84	8291	7010
Jun-26	2.74	8431	7769
Jul-26	2.65	7759	6844
SUM	42.78	86230	75756
AVE	3.57	7186	6313
MAX	5.73	8431	7769
MIN	2.65	5707	5145

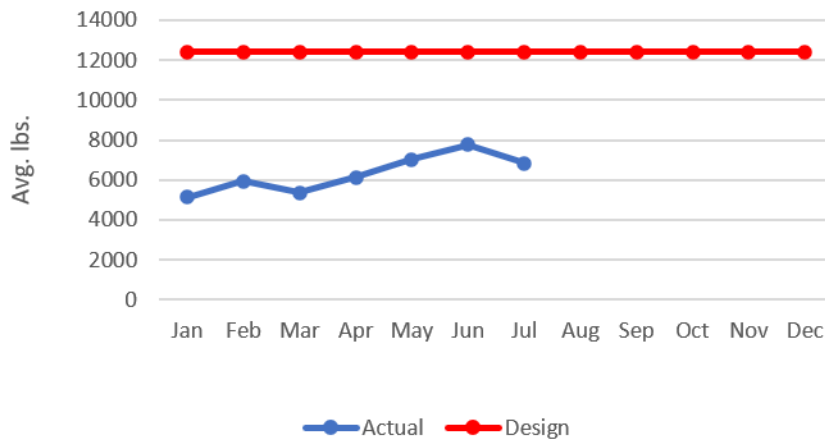
BOILER GAS USAGE 2024 - 2026



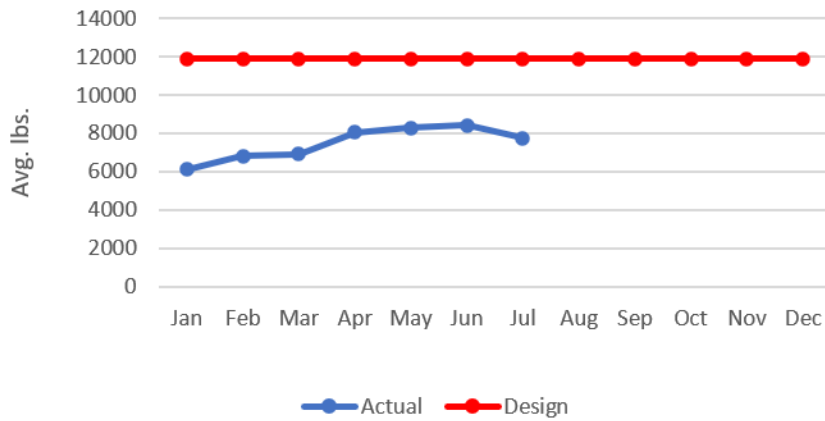
FLARE GAS USAGE 2024 - 2026



Influent TSS 2026



Influent BOD 2026



Effluent Flow 2026

