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EXECUTIVE SUMMARY

This quarterly report provides an opportunity to assess the organization's progress on our annual objectives at this point of the year, and highlight significant events, issues, and opportunities that have emerged.

From an unaudited fiscal perspective, the electric utility finished the quarter with a \$16.1 million increase in net position, compared to a budgeted forecast of \$5.0 million decrease, primarily driven by \$21.6 million higher than expected operating revenue of \$223.1 million driven by high water availability and healthy market prices for EWEB's surplus wholesale electricity. The water utility finished the quarter with a \$5.0 million increase in net position, compared to a budgeted forecast of \$6.6 million, with a Q3 net position of \$192.8 million. Higher summer temperatures drove retail electricity sales higher in 2022, with water consumption flat year-over-year.

Operationally, much improvement has been demonstrated in EWEB's customer service call-in response times, now down below a minute to answer. Between September 9-11th, EWEB executed its first ever Public Safety Power Shutoff (PSPS) in response to conditions that increased the risk of wildfire ignition beyond acceptable levels in portions of the McKenzie Valley area.

EWEB's 2022 Organizational Goals are progressing well with 10 of the 14 goals and sub-goals on track. While progress has been made on all, four of the sub-goals have had slower advancement including policy development related to the principles of diversity, equity, and inclusion, permitting and planning work for the Willamette Treatment Plant, development of the Electric Master Plan, and sale of the EWEB riverfront headquarters building.

The Board of Commissioners continued to provide guidance on decisions that will provide future direction of the Leaburg Generation Project, including time at Board meetings, outreach events, and a work session in late October. Additionally, Commissioners approved the utility's first Wildfire Mitigation Plan, guidance on integrated resource plan, and updates to the strategic plan and other Board policies.

As we progress through the year, we will provide additional updates on operational performance and organizational goal progress. Thank you for your interest in EWEB.

Frank Lawson
CEO & General Manager

GENERAL MANAGER'S OFFICE

BOARD ACTION REPORT

During the months of July, August, September, and October the Board of Commissioners took significant actions including, but not limited to, the following:

- The Board approved funding to support the McKenzie River Trust in the acquisition and management of an additional 645-acres which will expand stewardship and restoration of the adjacent Finn Rock Reach conservation area located near Blue River.
- Commissioners approved EWEB's first Wildfire Mitigation Plan; the plan is designed to protect public safety, reduce risk, and strengthen wildfire resiliency.
- Board policies GP7 Board Parliamentary Procedures; EL4 Compensation and Benefits; GP15 New Commissioner Orientation; and SD1 Mission Vision, Values, and Legacy were amended.
- The Board approved revisions to EWEB's strategic plan that make clear the importance of the Utility's actions associated with the Integrated Resource Plan and EWEB Enterprise Solutions. The organizational core value of "Community" was expanded to include "Culture" thereby incorporating attributes which describe employees' approach to work, personal conduct, and commitment.
- Commissioners canceled the Request for Proposals (RFP) for EWEB's riverfront property and granted the General Manager authority to negotiate a property transaction within certain guidance parameters established by the Board.

MANAGEMENT HIGHLIGHTS

- Staff are developing an EWEB Climate Guidebook which will become a centralized resource for technical data, and documentation of progress toward EWEB's stated carbon reduction goals in Board Policy SD15. An appendix will also be included to explicitly connect EWEB's data to Eugene's Climate Action Plan, CAP2.0 when applicable. Similarly, when reporting quarterly data in the Strategic and Operational Report, items that relate to EWEB's commitments in the CAP2.0 will include a footnote with the reference number of the corresponding action item from the CAP2.0.
- EWEB continues to support Western Energy Institute's (WEI) Business Acumen for Emerging Leaders program. During the third quarter, three employees graduated from this year's cohort, and two employees were selected to participate in the 2023 program.

COMMUNITY INVESTMENT

In accordance with Board Policy EL3 - Public Requests for Board Expenditures, Appendix G outlines the sponsorships, donations, grants and in-kind services, efforts, and events of EWEB's Community Investment Program. In addition, the Community Investment report outlines other investments including EWEB's Energy Efficiency and Water Conservation products and services, Limited Income Assistance programs, System Development Charge Waiver program, and contributions in lieu of taxes to the Cities of Eugene and Springfield.

APPENDICES

Management is obligated to report explicit information as guided by Board policy and voluntarily reports additional supplemental information, contained as follows:

REQUIRED REPORTING PER BOARD POLICY

- Appendix A: Electric Utility Financial Statement (EL1)
- Appendix B: Water Utility Financial Statement (EL1)
- Appendix C: Electric Utility EL1 Capital Report
- Appendix D: Water Utility EL1 Capital Report
- Appendix E: Capital Spending Summary (Supplement to EL1 Reports)

- Appendix F: Contracts Awarded Report (EL2)
- Appendix G: Community Investment Report (EL3)

ADDITIONAL APPENDICES

- Appendix H: Electric Division Details
- Appendix I: Water Division Details
- Appendix J: Workforce Composition
- Appendix K: Customer Division Details
- Appendix L: Illegal Camping Report Maps

EWEB STRATEGY & ANNUAL GOALS

The [Eugene Water & Electric Board Strategic Plan \(2018-2028\)](#) was approved August 2, 2017, revised October 5, 2021, and provides the basis for policies, decisions, and the annual goals established for the organization. This Quarterly Report is organized to provide status and progress information based on those annual goals. On January 4, 2022, the EWEB Commissioners approved the following annual goals for the organization.

- **GOAL #1:** MAINTAIN OR IMPROVE OUR “ONGOING” OPERATIONAL PERFORMANCE with a focus on improving customer responsiveness and integrating/using advanced metering data as deployment (supply) allows.
- **GOAL #2:** BUILD AND INSPIRE THE WORKFORCE necessary to fulfill ongoing business obligations and strategic initiatives amidst a challenging and changing labor and social environment by:
 - a) Maximizing workforce health and safety while optimizing productivity and maintaining compliance during an ongoing pandemic response
 - b) Improving organizational performance and expanding our recruiting ability by implementing our Dynamic Workforce Model which leverages mobile work tools
 - c) Preparing and implementing the process to secure a new or revised Collective Bargaining Agreement for ratification in 2023
 - d) Planning and launching efforts to meet the requirements of our hardest-to-fill positions
 - e) Developing and nurturing an environment based on the principles of diversity, equity, and inclusion
- **GOAL #3:** IMPROVE OUR DAM SAFETY AND HYDROELECTRIC COMPLIANCE by:
 - f) Setting the direction of the Leaburg Hydro Electric Project toward either a power-producing asset or a storm water conveyance asset, in collaboration with the Board and the McKenzie Valley community, using developed guidelines and decision criteria
 - g) Developing and committing resources to the staffing and implementation plan necessary to fulfill our dam safety and relicensing obligations at the Carmen-Smith project
- **GOAL #4:** PREPARE TO REPLACE CHANGING AND AGING TECHNOLOGY that supports both business continuity and strategic priorities by: completing an RFP and the Utility-Software selection; establishing design, data, and operational governance; documenting customer-interaction-based processes; and creating the organizational readiness for new business tools and processes through Change Management and Continuous Improvement.
- **GOAL #5:** COMPLETE A “PUBLIC DRAFT” OF AN INTEGRATED RESOURCE PLAN (IRP) in order to gather feedback during a public comment period in early 2023.
- **GOAL #6:** IMPROVE OUR OPERATIONAL RESILIENCY by:
 - h) Completing a plan for Willamette drinking water treatment, including project scope, schedule, and capital spending details, along with 2022-2023 land-use and permitting milestones
 - i) Finalizing the Electric Master Plan, incorporating strategic initiatives, asset strategy, staffing adequacy, equipment and contracting procurement and development of ongoing Type 1 and Type 2 programs for successful deployment of 10-year Electric CIP
- **GOAL #7:** EVALUATE AND PREPARE FOR THE IMPACTS AND OPPORTUNITIES OF RATE DESIGN. Throughout 2022, in preparation for changing energy supply characteristics, consumption trends, and new product offerings (e.g., time-of-use, demand response), develop the consumption data analytics competency necessary to begin discussions and educational communications on a Multi-year Rate Design Plan for implementation beginning in mid/late 2023.
- **GOAL #8:** FINALIZE THE LONG-TERM DISPOSITION, POTENTIALLY DIVESTITURE, OF EWEB’S HEADQUARTERS PROPERTY by year-end, in collaboration with the Board.

GOAL 1 – MAINTAIN OR IMPROVE OUR “ONGOING” OPERATIONAL PERFORMANCE

ELECTRIC UTILITY - SOURCE TO SWITCH OPERATIONS

Submitted By: Karen Kelley – Chief Operations Officer (Nice, Krentz, Capper, Milovich, Gorsegner)

 <p>Overall Status</p>  <p style="text-align: center;">On Target</p>	 <p>Status Summary</p> <ul style="list-style-type: none"> Reliability Indices trending on upper 5-year average. Emergent failures, supply chain delays and internal/external staffing constraints resulting in backlogs and capital underspend. Compulsory work in good standing (NERC/FERC/Customer/PUC/Emergent) 	 <p>Item of Interest</p> <ul style="list-style-type: none"> Padmount Transformer Supply Chain issues still present; however unanticipated delivery has resulted in avoidance of customer driven work delays. Backlogs of critical work are being closely monitored for reliability and compliance impact (PUC maintenance, Vegetation) 2022 Wildfire Season in effect but nearing close. Multiple red flags experienced including September PSPS. Staff have improved response processes and mitigated risk across divisions.
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Operational Function	Overall Status	Key Performance Metrics & Program Updates
Source	 <p style="text-align: center;">Below Target</p>	<ul style="list-style-type: none"> Carmen-Smith License deployment – 83% of projects are on track and 17% are delayed. Delays are due primarily to dam safety reasons, with staffing and planning issues contributing in some areas. Two of the actions in the proposed mitigation agreement for delays in Carmen-Smith fish passage construction were implemented in Q3: Phase IV of the Deer Creek Habitat Restoration Project was completed this summer, and Chinook salmon from the spawning channel were moved upstream to Trail Bridge Dam via a temporary trap and haul system. Trail Bridge sinkhole field investigations are ongoing. Most of the field work will be completed by mid-October, though investigations are expected to continue into 2023. An independent consultant dam safety inspection of the Leaburg-Waltermville Project (required every 5 years) is underway and scheduled to be completed by the end of the year.
Production	 <p style="text-align: center;">Above Target</p>	<ul style="list-style-type: none"> BPA and its Public Power customers negotiated a FY2024 and FY2025 Transmission and Power Rate Case Settlement that BPA will file with FERC on November 17, 2022. Once approved, the settlement includes holding power and transmission rates flat for the two years, and distributes a portion of 2022 financial reserves, amounts collected over reserves required for power risk mitigation, back to public customers as a billing credit in 2023. EWEB would receive approximately \$8m (a portion to be attributed to International Paper). Q3 temperatures were above average by about 3 degrees. Three days in July were over 100 and August had 14 days in the 90s. September was closer to normal. (Appendix H Graph 1). Higher temperatures led to higher loads and higher power prices compared to budget.

		<ul style="list-style-type: none"> • Our summer readiness approach (where we plan to meet a 90-degree heat event) had EWEB well positioned in Q3. That strategy, along with the flexibility of our BPA slice product to shape into peak hours, allowed traders to avoid buying at high priced peak hours. This was the case even with Carmen running flat from August 15 -October 31 for fish and dam safety. • BPA slice generation is forecasted to end the year 16% above 2022 budgeted generation and 6% above average (Appendix H Graph 2), and EWEB-owned hydro generation is 9% above 2022 budgeted (Appendix H Graph 3). Above budget generation projections are due to higher-than-expected precipitation in Q2. • Excluding Leaburg, EWEB owned hydroelectric plant availability was 57% year-to-date due to planned and unplanned outages, mostly associated with the planned refurbishment of Carmen Smith Unit 2. Wind and thermal above target at approximately 93% (Appendix H Graph 4). • Market Price volatility persisted into Q3, at elevated levels. September prices moved from \$175MW/hr to \$715MW/hr and then back to \$124MW/hr over couple days. On average, Q3 prices were much higher than budgeted (~\$100 vs \$75). EWEB traders used the flexibility of the hydro system to manage this volatility by moving generation into the highest priced hours.
<p>Transmission & Distribution</p>		<ul style="list-style-type: none"> • SAIDI & SAIFI Reliability Indices slightly above 5 yr. average. Main drivers are shown in Appendix H. EWEB executed a Public Safety Power Shutdown (PSPS) in response to a September red flag event with severe risk forecasted. This PSPS was considered a “Major Event” per Index Standard and is not included as an outage effecting SAIDI/SAIFI. • System resiliency improved due to completion of several emergent capital projects to equipment failure that occurred earlier in 2022. Emergent breaker failures (IP, Hayden Bridge, Thurston Substations), Hayden Bridge Transformer replacement, Willakenzie Substation PT replacement. • Vegetation maintenance backlog grew to 12 months due to lack of contractor resources. Trimming is up to date on high fire risk circuits and customer requests.
<p>Monitoring & Compliance</p>		<ul style="list-style-type: none"> • Currently no NERC findings or violations; planning internal launch of SharePoint compliance tracking system. • No FERC violations issued.
<p>Resiliency, Planning & Emergency Management</p>		<ul style="list-style-type: none"> • Capital budget YTD spend at 42%; expecting projection of YE spend of 70%; underspend due to supply chain related delays (transformers, cable, AMI meters), Carmen Project Delays, and resource constraints (focusing on emergent failures and delaying planned work). Electric System Infrastructure specific spending expected to end up at 106% (Substation, T&D, Downtown Network and Currin Rebuild). • PSPS executed for Upriver High Fire Risk Circuits in response to red flag warning. Internal lessons learned completed and improvements underway for internal and external facing processes.
<p>Support Services</p>		<ul style="list-style-type: none"> • GIS mapped 141 Work Orders and received 101 new Work Orders for mapping. Backlog is down by 37% from this time last year • The CAD team saw a 17% decrease in jobs this quarter which also resulted in an improved average turnaround time of 7.6 days, down from 10.5. • Efforts to vacate HQ continue. Plans to relocate remaining services, staff, and equipment have made progress, including changes to ROC workspace assignments to accommodate the addition of HQ staff/services, and completing the planned relocation of HQ back-up satellite operations to Hayden Bridge. Remaining work is expected to be completed Q2 2023. • The Bertelsen Property development continues, with the Joint Permit Application (JPA) related to wetland/upland site mitigation being fully submitted to related agencies. The JPA process is expected to take 6-12 months, during which time further design work, including development of construction documents, will continue. • The fuel cost for EWEB’s fleet has risen 46% over the previous year. We are currently anticipating a budget variance of \$170,000 by year end, based historic fuel use. • Manufacturers for government fleet sales have implemented a controlled allocation system that constrains the procurements of new vehicles and equipment. Fleet

		<p>services is closely tracking opportunities to place or renew orders and planning for future procurement as well as retention that may be necessary due to ongoing supply chain issues.</p>
<p>Switch</p>	 <p>The image shows a semi-circular gauge with a needle pointing to the center. The gauge is divided into five colored segments: red, orange, yellow, green, and blue. Below the gauge, the text 'On Target' is written.</p>	<ul style="list-style-type: none"> • Customer queue length on average for design tech assignment for new customer work at 8 weeks. Increase of average over last quarter due to rise in customer work. • Supply chain issues for transformers mitigated through unexpected availability from supplier for most used transformer units. By monitoring equipment availability closely and working with customers around project phasing, staff have been able to avoid customer delays due to EWEB supply. Internal reliability work is still being deferred to limit equipment usage.

WATER UTILITY - SOURCE TO TAP OPERATIONS

Submitted By: Karen Kelley – Chief Operations Officer (Masters, Milovich, Gorsegrner)

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary</p> <p>Overall status remains on target as metrics show water treatment and delivery on track through Q3.</p>	 <p>Item of Interest</p> <p>Efforts to get our Valve Turning program back on track have resulted in us already exceeding our target of 3,800 valves for 2022 by the end of Q3 and our Preventative Maintenance is now ahead of schedule as a result.</p>
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Operational Function	Overall Status	Key Performance Metrics & Program Updates
Source	 <p>On Target</p>	<ul style="list-style-type: none"> EWEB began monitoring for harmful algal blooms (HABs) and cyanotoxins in April 2022. HABs have been detected in both Cougar and Blue River Reservoir, and we have reported low levels of cylindrospermopsin in Blue River Reservoir starting May 31st and dropped back to no detectable levels of cyanotoxins at our July 25th sampling event. Currently, we have no reportable levels of cyanotoxins within or below the reservoirs, in tributaries, or in the mainstem McKenzie River. Work continues with Pure Water Partners (PWP). We have conducted 20 additional property assessments post-fire bringing the total to over 300 and now have over 150 signed watershed stewardship agreements with McKenzie landowners. Landowners are continuing to sign up for the program and we now have a waitlist of about 20 landowners. Installation of a monitoring station at Keizer Slough is still moving forward after delays regarding hydraulic analysis requirements have been resolved with the City of Springfield. We have a 3-way IGA in place between EWEB, Springfield, and Willamalane for the Keizer Slough monitoring station. We are currently working with EWEB engineering staff on the permit application for the installation.
Production	 <p>On Target</p>	<ul style="list-style-type: none"> There were no water quality disturbances in treatment during Q3. Operations is still seeing an increase in chemical delivery lead times. Current chemical stock levels are adequate, but deliveries are timely, so increased volumes are being ordered.
Transmission & Distribution	 <p>On Target</p>	<ul style="list-style-type: none"> Pipeline leaks/breaks per 100 miles of pipe and unplanned outages both below benchmark through Q3. This is typical however and challenge will be to keep below benchmark through the year. Duration of unplanned outages in Q3 below benchmark and EWEB 2-year average through Q3. Valve turning continues to improve and is currently ahead of schedule for Q3 with a total of 3,938 valves inspected and operated, which is above our annual projection of 3,800.
Monitoring & Compliance	 <p>On Target</p>	<ul style="list-style-type: none"> Residential backflow testing is critical to ensuring backflow devices properly protect our system from contamination. For Q3 2022 we are at 81% with 8682 tests completed and 10,654 total assemblies. In compliance with all regulations in Q3.
Resiliency, Planning & Emergency Management	 <p>On Target</p>	<ul style="list-style-type: none"> Capital budget YTD spend at 55% and projected to reach 80% by year end. This underage is largely due the contract timing for the E. 40th Reservoir project, which is on schedule, but contractor payments are expected to hit more in 2023. Supply chain issues have mostly affected water's AMI deployment and the timing of several of our Type 1 facility projects. Significant Type 1 main replacement work is offsetting some of these underages allowing for an over 100% spend on Type 1 work. The E. 40th Reservoir project is on schedule and the Hilyard Street transmission main is being coordinated with the reservoir project and the city street rebuild of Hilyard Street. Treatment & Operations staff participated in a Treatment & Distribution trailer deployment drill on Sept. 22nd with the National Guard in September. The treatment

		<p>trailer was deployed at the Willamette intake site. Water was treated and pumped into a potable water tank that the national guard provided. The guard mobilized to a nearby location where the distribution trailer was connected to simulate a live event. All connections were made, and water delivered without delay.</p> <ul style="list-style-type: none"> • Planning for Willamette River Spill drill which was executed on October 12, 2022. • Planning for Emergency Intertie Exercise with SUB & Rainbow to take place in Q4 2022.
Support Services		<ul style="list-style-type: none"> • Locating requests – 3,435 - 99.9% on time. • GIS mapped 117 Work Orders and received 105 new Work Orders for mapping. • Other Support Services items reported in Source to Switch also apply here.
Tap (Customer)		<ul style="list-style-type: none"> • Water AMI Deployment is at 62.14% deployment for Q3. Supply chain issues will dictate much of 2022's implementation. Staff are testing removing one unneeded chip from our spec that may help supply. • For Customer New Service Requests and Design, response times remain consistent with 2021 average and construction improved significantly from 20 days average to 9 days average.

CUSTOMER & COMMUNITY RELATIONS & IMPROVING CUSTOMER RESPONSIVENESS

Submitted By: Julie McGaughey – Chief Customer Officer (Kelleher)

Overall Status

On Target

Status Summary

Customer Service Response KPIs met and Programs all on target.

Item of Interest

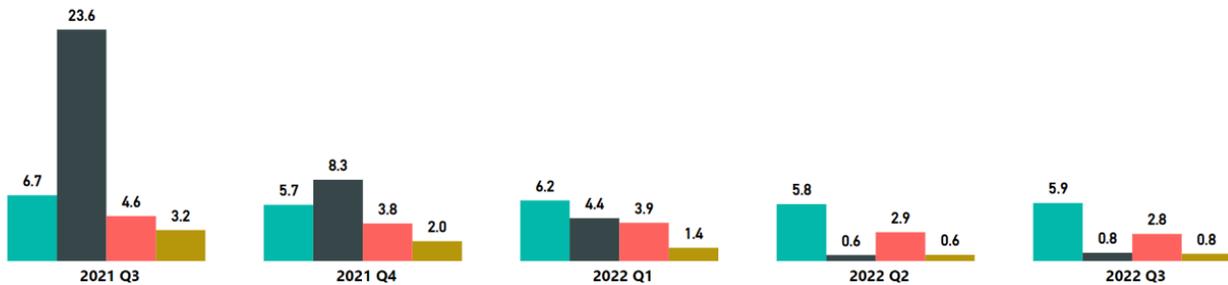
Redesigned AMI-enabled Leak Program launched.

2,012 Residential and 55 General Service customers contacted about continuous consumption.

Average customer experience rating 4.2 out of 5.

CALL CENTER PERFORMANCE

● Avg Talk Time ● Avg Speed to Answer ● Avg ACW ● Avg Time to Abandon



Call center is performing well, with average speed to answer calls consistently less than one minute (target is less than two minutes), average talk time stable at less than six minutes, and average time spent on after call work less than three minutes.

LEAD GREEN PROGRAMS¹

Programs	Accounts	Quarterly Change	Avg. Mthly Revenue	Monthly Commodities
Greenpower	1,597	-0.3%	\$16,000	1,539 RECs
Cleanpower	9	33.3%	\$715	150 RECs
Carbon Offsets	10	20.0%	\$50	3.3 MT CO ₂ e
Carbon Forestry Lab	20	75.0%	\$150	2 Acres

Program (ytd summary)	Projects	Incentives	Installed Capacity
Solar Electric	180	\$223,000	1,520 KW

¹ Within the Lead Green programs, the Carbon Forestry Lab program is part of EWEB’s Pure Water Program to protect water quality in the McKenzie River. This relates to the City of Eugene’s CAP2.0 for action item R21 in the Resiliency section.

MOVE GREEN PROGRAMS²

Programs	Participation
E-Bike Rebates	386 in Q3, 542 to date
E-Mobility Community Grants	6 projects approved
EV Test Drive Events	83 drivers in Q3, 231 to date

ENERGY EFFICIENCY

Programs	Projects	MWh Saved
Residential	324	487
Commercial	22	4,571
Growth	47	(296)

Energy Efficiency (EE) YTD is at 107% of target and 70% budget as less expensive Commercial EE comprises 86% of savings YTD.

3

COMMUNICATIONS & MARKETING

180 unique social media posts, reaching 87,741 people*
*290% increase in reach compared to Q2

28 e-newsletters reached **35,419 inboxes; 60% open rate***
*5% increase in open rate compared to Q2

35 mentions in the media as a result of **7 press releases**

Find additional information on published content in the appendix.

BILL ASSISTANCE

Program	Participation	Assistance
Customer Care	897	\$251,000
Energy Share	306	\$58,605

Bill assistance YTD totals \$1,253k.

4

² EWEB’s Move Green programs relate to the City of Eugene’s CAP2.0 for action items T24 and T36 (EV marketing and awareness) in the Transportation section.

³ EWEB’s energy efficiency programs relate to the City of Eugene’s CAP2.0 for Building Energy action item B12.

⁴ EWEB’s bill assistance programs relate to the City of Eugene’s CAP2.0 for Building Energy action item B11.

ENTERPRISE RISK AND SECURITY

Submitted By: Sarah Gorsegner, Business Continuity Manager

Business Continuity is a new Division at EWEB in 2022, the work has previously been provided in disparate groups. Bringing the CyberSecurity, Enterprise Risk Management, and Physical Security teams under one Division helps synergize EWEB’s ability to identify, plan, and respond to organization wide risk and security issues. EWEB has adopted the National Institute of Standards and Technology (NIST) CyberSecurity Framework to support the work by CyberSecurity and has determined that it will track and report based on the 5 framework functions that include identify, protect, detect, respond, and recover.



CYBERSECURITY

<p>Overall Status</p>	<p>Status Summary CyberSecurity continues to monitor EWEB systems, and they remain stable. No significant intrusions impacted EWEB in Q3.</p>	<p>Item of Interest CyberSecurity performed system reviews for our Customer Portal and Backflow Testing software. Reviews identified and led to system improvements with vendor provided resources.</p>
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IDENTIFY

Information Security Management System (ISMS) Project

In Q3 of 2022, CyberSecurity determined that it would use a set of model policy and standards documents to complete an Information Security Management System to govern our technology systems. After reviewing the model’s documentation, CyberSecurity devised a plan and timeline to accomplish this task, with a goal of releasing 1 document every 2 months for the Executive Team to approve and then cyber will socialize the documents throughout EWEB.

As of Q3, Cyber has finished one document and released it to management, three other documents are in process internally.

PROTECT

Customer Portal Review

The CyberSecurity Department has partnered with Customer Service to improve protection and security posture for the EWEB Customer Portal. This partnership has led to the discovery and remediation action of several issues with the vendor’s code and configuration.

User Access Review

CyberSecurity conducts an annual review of access rights for EWEB’s Critical Systems and Applications. This review aligns account permissions with current business needs. CyberSecurity works with Application owners and staff managers to review the current state of account permissions and to document and apply any appropriate changes that the business needs.

Backflow Project Review

The Backflow service cloud migration project seeks to improve EWEB backflow device tracking by migrating the existing device and validation database to a web-hosted solution. A new vendor was selected and in Q3, CyberSecurity worked with them to identify security vulnerabilities in the web product and provide best-practice security standards. The vendor has worked with CyberSecurity to take steps to improve their product.

DETECT

Antivirus Upgrade

Next Generation Antivirus and Extended Detection and Response (EDR) capabilities have become standard technologies for demonstrating that an organization is taking due care with their cyber responsibilities. These technologies are becoming a requirement to attain or renew cybersecurity insurance. In Q3 the CyberSecurity Department and IS Operations has upgraded 789 of 915 workstations to NextGen AV and EDR. The project is on track to complete in Q4.

RESPOND

No significant events occurred during Q3 requiring response.

RECOVER

No significant events occurred during Q3 requiring recovery.

ENTERPRISE RISK

<p>Overall Status</p> 	<p>Status Summary</p> <p>The Enterprise Risk Management Team got behind on responding to some claims due to some staffing issues and has been focused on both reviewing and processing both liability and recovery claims. Cascading effects, as well as a review of the approach to Risk Management, have caused the team to delay completing its risk register review.</p>	<p>Item of Interest</p> <p>The Enterprise Risk Management Team recently hosted Internal Controls Training for around 100 of our staff that make financial commitments for EWEB.</p>
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IDENTIFY

Holiday Farm Fire

EWEB was served with several lawsuits regarding the Holiday Farm Fire, driven by the statute of limitations expiring in early September 2022. Lane Electric and BPA are co-defendants.

PROTECT

Insurance Underwriting Recommendation Review

Although we renew our portfolio in the spring, Enterprise Risk Management actively manages our Insurance Portfolio and activity requested by our underwriters throughout the year. In Q3, our insurance Property Insurance underwriter assessed and recommended action at our generation facilities, our headquarters property was assessed earlier this year. Staff reviewed and determined a plan for each of the recommendations.

DETECT

No significant events or project work to detect risk occurred during Q3.

RESPOND

EWEB had the following claims closed during Q3 2022.

Liability Claims	Amounts Paid	Recovery Claims	Amounts Recovered
15	\$22,076*	3	\$11,662*

**Includes claims received in prior quarters but reviewed and addressed in Q3 2022*

RECOVER

No significant events or project work to recover after an event occurred during Q3.

PHYSICAL SECURITY

Overall Status

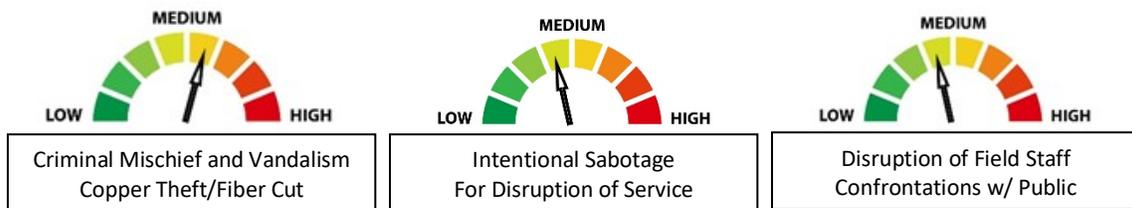
On Target

Status Summary

Q3 had an increase in Criminal and Suspicious activity, higher number of incidents traditional occur during the summer months. To date for 2022 losses amount to approximately \$45,000.

Item of Interest

EWEB successfully managed the increased traffic near our Headquarters site during the 22 World Games.



Physical Security actively patrols EWEB’s critical infrastructure, Q3 saw an increase in contacts, calls for service, criminal activity, and other activity that can impact our staff and infrastructure.

	JUL	AUG	SEP	TOTAL
Patrols	845	865	732	2442
Calls for Service	25	18	27	70
Contact w/o Incident	205	114	75	394
Contact w/ uncooperative or noncompliant	9	4	11	24
Contact w/ Mental Health Issues or Under the Influence	14	20	6	40
Breach	13	4	6	23
Criminal/Prohibited Activity	112	77	78	267
Suspicious Activity	33	23	18	74
Transient Activity, non-contact	66	85	61	212

Figures represent a 50% increase in Calls for Service, a 100% increase in Contacts, a marginal increase in Breaches detected, a 65% increase in Criminal Activity, 77% increase in Suspicious Activity, and 65% increase in Transient Activity (compared to Q1 2022).

FINANCE

Submitted By: Deborah Hart, Chief Financial Officer (Harwood, McElroy)

ELECTRIC UTILITY FINANCIAL STATUS

See Appendix A: Electric Utility Financial Statement

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary All financial metrics, except Rate of Return & Debt as a % of NBV were within target. See below.</p>	 <p>Item of Interest Net income for the Electric Utility was \$9 million for the nine months ended September 30, 2022.</p>
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ELECTRIC UTILITY OUTLOOK

The Electric Utility 2022 adopted budget included a draw on reserves. With the current outlook, it is on track to have a favorable year with deposits to reserves due to surplus generation from a favorable water year in the Columbia Basin and increasing market prices as compared to budget assumptions. Increasing market prices and volumes are driving a variance in purchased power costs and will require an O&M budget amendment for additional spending authority. It is important to note the additional expense is offset by increased wholesale revenue.



ELECTRIC FINANCIAL STRENGTH MEASUREMENTS

The Rate of Return remains well below target. 2022 revenue assumptions were more conservative to account for continuing COVID economic impacts. The Rate of Return metric could have long term bond rating implications and is one of the metrics that will be discussed in our upcoming LTFP and rate discussions. Reclassification of Leaburg plant and a 2020 bond issuance increased the Debt as a Percent of Net Book Value ratio above target in 2020.

WATER UTILITY FINANCIAL STATUS

See Appendix B: Water Utility Financial Statement

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary All financial metrics, except Rate of Return, were within Target. See below.</p>	 <p>Item of Interest Watershed Recovery Fees totaled \$1.74 million for the first nine months of 2022.</p>
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WATER UTILITY OUTLOOK

Summer consumption significantly impacts financial performance for the Water Utility. Budgeted consumption is set conservatively using 95% of a five-year average. September generally marks the end of summer consumption patterns. Year-to-date consumption is above budget, but only by 3%. The 2022 adopted budget included a draw on reserves, and that is still the outlook.



WATER FINANCIAL STRENGTH MEASUREMENTS

The **Rate of Return** projection was below target. Conservative revenue assumptions and budgeted increases in Source & Pumping expenses decreased the budgeted rate of return in 2022. This metric will likely return to the target range through the year as consumption picks up and the assumptions around the LTFP are evaluated.

PURCHASING – SEVERITY OF SUPPLY CHAIN SHORTAGES

Purchasing Staff have been persistent in looking for ways to ensure the Utility is sufficiently supplied and have had several recent successes to highlight this quarter. Staff were able to work with one of EWEB's suppliers to secure an additional 100 transformers from one of their customer's surplus stock that would not have been available except for our close and positive partnership. In another instance, a current supplier of transformers notified staff that they would no longer be able to honor EWEB's contract. Staff quickly reached out to their distributor to secure production slots for an additional 50 transformers.

Staff have updated EWEB's contract language to request that suppliers keep extra stock of identified key items locally, instead of relying on out of state distribution. Staff have also met with suppliers to better understand supply chain issues from all perspectives to better prepare our solicitations, ensure EWEB contracts are feasible, and that expectations are in line with what is happening in the industry. Purchasing has also explored multiple opportunities to secure purchases for key items through the use of cooperative contracts after seeking the Board's approval. Staff continue to work diligently at minimizing the impact of material supply shortages and are always looking for new and creative ways to help the Utility meet its obligations.

INFORMATION SERVICES

Submitted By: Travis Knabe – Chief Information Officer (Debysingh, McCallum)

<p>Overall Status</p> <p>On Target</p>	<p>Status Summary Operational Performance is On Target with all indicators within performance expectations. Project support to both the Strategic Plan and Divisional needs are being met.</p>	<p>Item of Interest Small Divisional Project demand for IS Resources, Quarter over Quarter 2022, continues to be manageable with strong ownership and participation from Divisional Manager in qualifying project needs (value/benefit) and priorities within their division as well as across the organization.</p>
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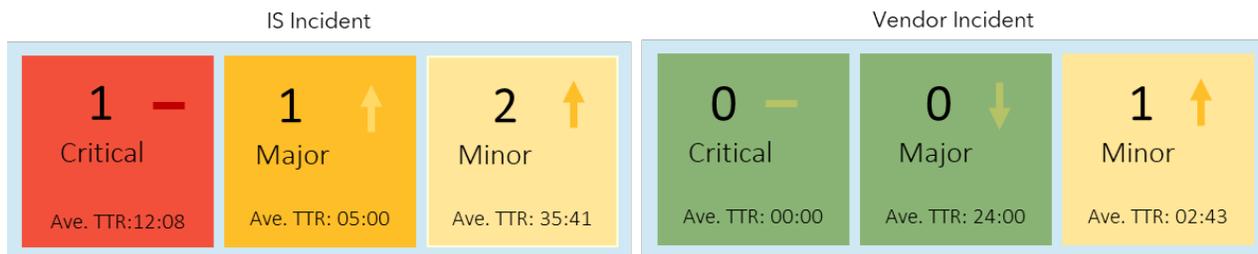
OPERATIONAL PERFORMANCE

Information Services measures performance based on service reliability and availability. This is tracked in the following ways: Incident Management, System Availability, and Application Availability. Other subjective measure of operating efficiency is evaluated through employee experience and the volume of operations requested from our customers.

Incident Management

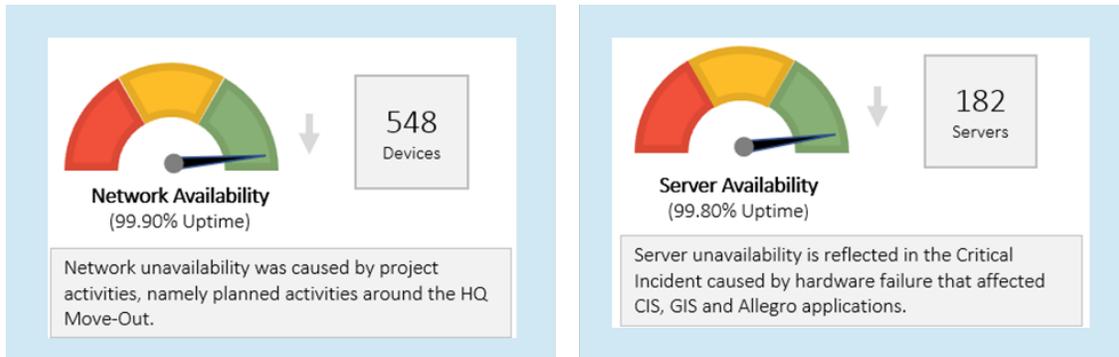
Incident management is evaluated in two categories: IS Incidents and Vendor Incidents. IS Incidents are related to systems and services managed by the EWEB IS Division. Vendor Incidents managed through third-party vendors or services.

For Q3 2022, we experienced one Critical IS Incident resulting in about 12 hours of down time across three applications: Banner/CIS, Responder/GIS, and Dispatch/Allegro. The root cause of this incident was hardware failure. This critical incident occurred outside of normal business hours (Saturday August 13, 2022) minimizing any major impact to business operations. There was one Major IS Incident caused by a software bug in OMS/Responder application. The GIS team resolved this in about 5 hours. There weren't any Critical or Major Vendor Incidents during Q3.



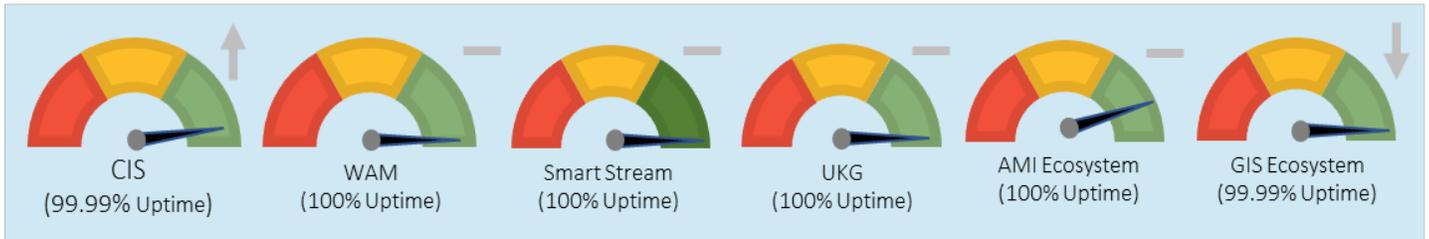
System Availability

System Availability measures the Network and Server availability in relations to the number of network devices and servers respectively. In Q3 2022, the Network Uptime is trending slightly downward as a result ongoing network projects, namely the HQ Move-Out Project. Server available trended downwards because of the Critical Incident that affect one of the virtual server clusters as discussed in the Incident Management section.



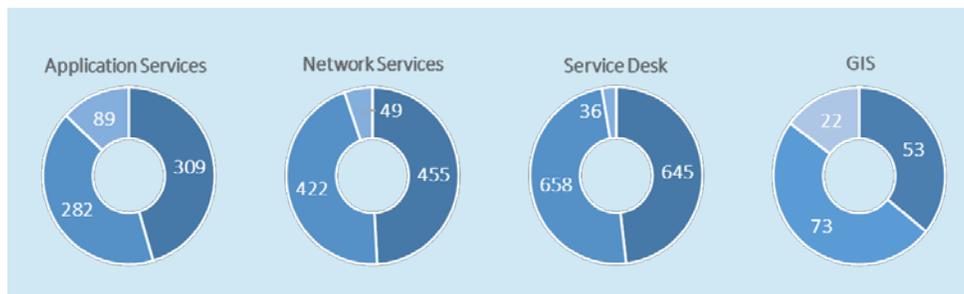
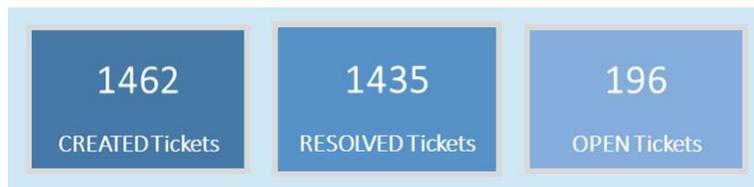
Application Availability

Application Availability focuses on critical business applications and their availability to meet business operational demand. This measure directly correlates to Incident Management and is analyzed against System Availability and/or the impact in the function of application caused by human error, bugs, processing, etc. Refer to the Incident Management and System Availability sections to correlate application unavailability measures.



Service Desk / Operations Activities

This section represents the number of support tickets submitted to the IS Division. The purpose of this metric is to promote the understanding of the ticket volume (non-project or day-to-day activities) required to maintain the operations of the Utility. In general, IS attempts to manages a 60/40 resource workload between Utility operations (60% resource time dedicated to operations) to Utility strategic (40% resource time dedicated to projects).





STRATEGY – PROJECT PERFORMANCE

The IS Division spends around 40% of its resource capacity to project work while about 60% of resource time is devoted to operational activities that care for the day-to-day IS operations of the Utility.

Priority Projects

The priority projects are business projects with strategic implications and with priorities set by the Executive Team and/or Divisional Managers. Many of the projects are managed (Project Management) within Divisions and with the SPMO. The IS Division contributes much of the project allocated resource time to these projects.

Project	Division	Status
Backflow Replacement	Water	In Progress
HQ Move Out	Support Services	In Progress
Energy Imbalance Market	Energy/Finance	RFP
Allegro/Horizon Upgrade	Energy	In Progress
Federal Lead Requirements	Water	In Progress
Water SCADA	Water	In Progress
GIS Modernization	IS	In Progress

Divisional Projects

Beyond the priority projects are divisional projects which support enhancements, innovation, and growth within the respective divisions. These projects are mostly small to medium but on occasion may be large. For this Q3 report, 8 projects were closed. The table below illustrates the current status of these divisional projects.

Division	Complete	Active	Pending	Q3 Closed Project
Water	0	9	5	
Electric	1	3	5	<ul style="list-style-type: none"> • VeGIS Management – iPad Connectivity
Generation	2	2	3	<ul style="list-style-type: none"> • Stone Creek Remote Access • Stone Creek Remote SCADA Management
Energy	1	2	10	<ul style="list-style-type: none"> • BSAP Interface Service - Implement
Support Services	3	1	3	<ul style="list-style-type: none"> • Relocate HQ Systems to Hayden Bridge and ROC • ROC Digital Signage • Hayden Bridge Data Center Buildout
Finance	1	2	2	<ul style="list-style-type: none"> • LIHWA – Portal Display / Water Payment Support
Customer	0	0	2	
Business Continuity	0	2	0	
Total	8	21	27	

WORKFORCE SERVICES

Submitted By: Lena Kostopoulos – Chief Workforce Services Officer (Hutchens)

Overall Status

On Target

Status Summary

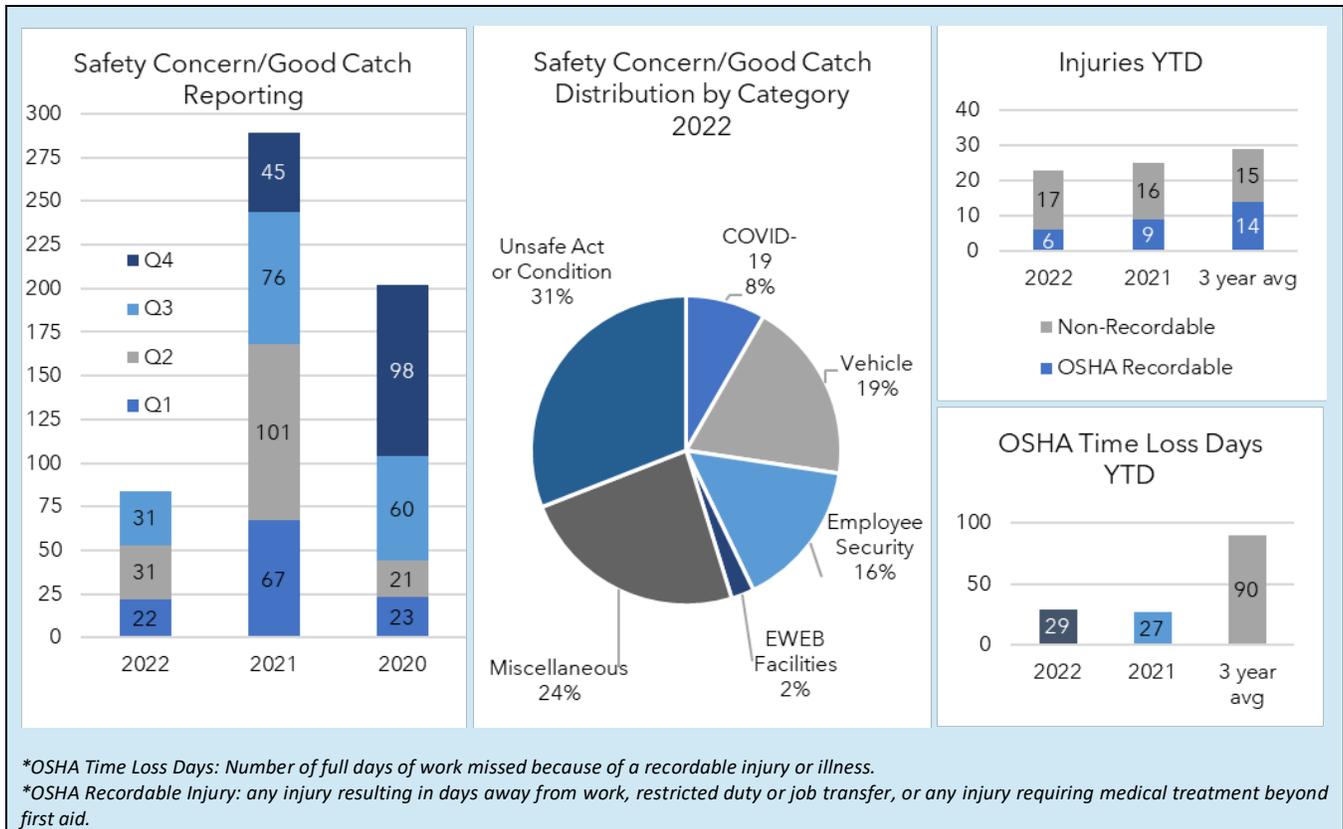
Operational programs are performing within targets.

Refer to Appendix.

Item of Interest

- Safety, Health & Well-being Conference
- Insurance premiums
- Bargaining underway

TOTAL WORKER HEALTH



Safety Program

The 2022 Safety, Health & Well-being Conference was EWEB’s first company-wide gathering since 2019. The event was a hybrid-style conference, yet still generated a large in-person attendance of more than 300 employees. A post attendance survey indicated a satisfaction rating of 4.25 out of 5 stars.



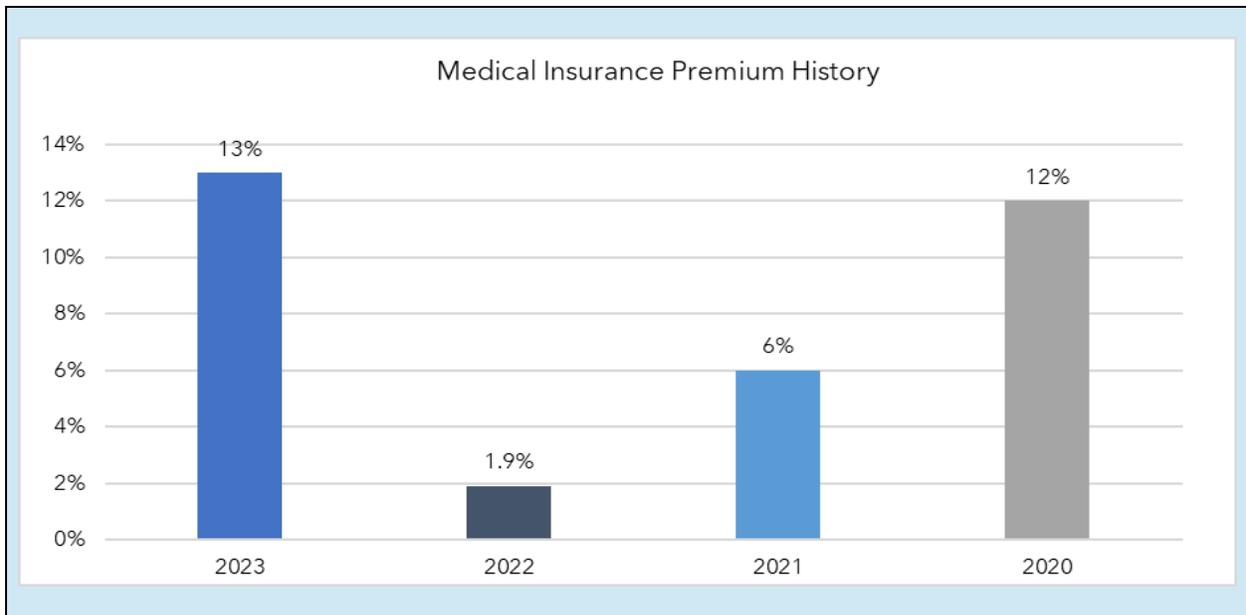
WORKFORCE MANAGEMENT

Workforce Services programs and functions including Safety, Continuous Improvement, Benefits, and Workforce Management are meeting operational requirements and delivering results as expected. There is considerable Workforce Management time and effort being devoted to collective bargaining and associated support activities. The Continuous Improvement Team is engaging with workgroups to map existing processes in support of the EES initiative and has also launched recently redesigned training and self-service on-line support tools and resources.



BENEFITS PROGRAM MANAGEMENT – RETIREMENTS

The 2023 medical insurance premium renewal evaluation resulted in a 13% increase, which is 5% above the Long-Term Financial Plan target. As the chart reflects, increases in 2021 and 2022 were minimal as individuals largely ceased seeking medical attention as a result of COVID. Even though the increase was primarily driven by a few large ongoing claims, newly assessed fees and taxes of 2.1%, and Covid related expenses, projections suggest rate increases of approximately 10% should be expected year-over-year.



EWEB converted the dental plan from fully insured to a self-funding arrangement for the 2022 plan year. Actual claims came in below the 13.9% projections, resulting in a 6% premium reduction for employees in 2023.

Vision plan utilization was 12% less than forecasts, resulting in a rate hold.

GOAL 2 – BUILD & INSPIRE THE WORKFORCE

2a) Maximizing workforce health and safety while optimizing productivity and maintaining compliance during an ongoing pandemic response

Submitted By: Rodney Price – Assistant General Manager

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary COVID-19 impacts are having a minimal impact on EWEB operations. Positive case tracking continues.</p>	 <p>Item of Interest OHSU predicts Q4 COVID-19 variant surge.</p>
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PROJECT MILESTONES

EWEB wide COVID-19 Pandemic response was suspended in Q2 along with other State and Federal programs.



COMPLETED

COVID-19 test positive results reporting remains in place. 27 positive COVID positive cases were reported in Q3.



IN PROGRESS

The Oregon Health & Science University COVID-19 Forecast (<https://www.ohsu.edu/sites/default/files/2022-10/OHSU-COVID- Forecast-10-7-2022.pdf>) predicts this fall cases will rise, and hospitalizations will peak in early December. Overall employee absence and CDC/OHA monitoring will continue to determine if EWEB will need to put any Pandemic controls in place.

2b) Improving organizational performance and expanding our recruiting ability by implementing our Dynamic Workforce Model which leverages mobile work tools

Submitted By: Frank Lawson – General Manager

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary On track with opportunities for ongoing improvement.</p>	<p>Item of Interest Dynamic Workforce Distribution</p> <ul style="list-style-type: none"> 46% Facilities Based 40% Hybrid Telecommuters 14% Full Telecommuters
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PROJECT MILESTONES

The Dynamic Workforce Model policies and procedures were officially implemented on June 1, 2022.



COMPLETED

An interactive learning opportunity was provided for managers and supervisors as they incrementally explore the 5 C’s of hybrid work; communication, coordination, connection, creativity, and culture.

EWEB’s Safety, Health, and Well-being conference made a comeback after a two-year hiatus due to the pandemic. Staying true to EWEB’s commitment to the Dynamic Workforce Model, conference sessions were offered in a hybrid format enabling employees to participate in the manner best suited to their work arrangement.

An Office Furniture Stipend Request Form was rolled out to eligible full-time telecommuters. The stipend is intended to provide support for employees who need office furniture and related technology at their remote work location.

Additional offerings of the Office 365 training series were made available to help employees leverage online tools to maximize productivity and collaboration.



IN PROGRESS

Feedback from employees will be used to evaluate successes and opportunities for continuous improvement of the Dynamic Workforce Model.

2c) Preparing and implementing the process to secure a new or revised Collective Bargaining Agreement for ratification in 2023

Submitted By: Lena Kostopulos – Chief Workforce Services Officer (Hutchens)

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary Bargaining commenced August 3rd.</p>	 <p>Item of Interest Regained some momentum lost after a slow start to bargaining.</p>
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PROJECT MILESTONES

Negotiations commenced August 3rd, with the IBEW and EWEB management teams negotiating weekly.



COMPLETED

EWEB management is taking a very transparent approach to bargaining, with joint bargaining training occurring in early August. Comprehensive data surrounding employee benefits, time off, and initial wage studies of comparator groups has been gathered and shared with the IBEW. Negotiations were slow to begin but are progressing and management remains optimistic.



IN PROGRESS

EWEB and the IBEW have adopted an approach to bargaining which combines proposal exchange and the interest-based methods. The teams have adopted ground rules which limit the ability of both sides to publicly disclose details surrounding negotiations.

2d) Planning and launching efforts to meet the requirements of our hardest-to-fill positions

Submitted By: Lena Kostopoulos – Chief Workforce Services Officer (Hutchens)

Overall Status

On Target

Status Summary

YTD application volumes are gradually increasing but continue to be less than pre-pandemic averages.

Item of Interest

Trade and technical positions continue to be hard to fill.



PROJECT MILESTONES

Tracking applicant response and recruiting outcomes through 2022 to build baseline data by year end.



COMPLETED

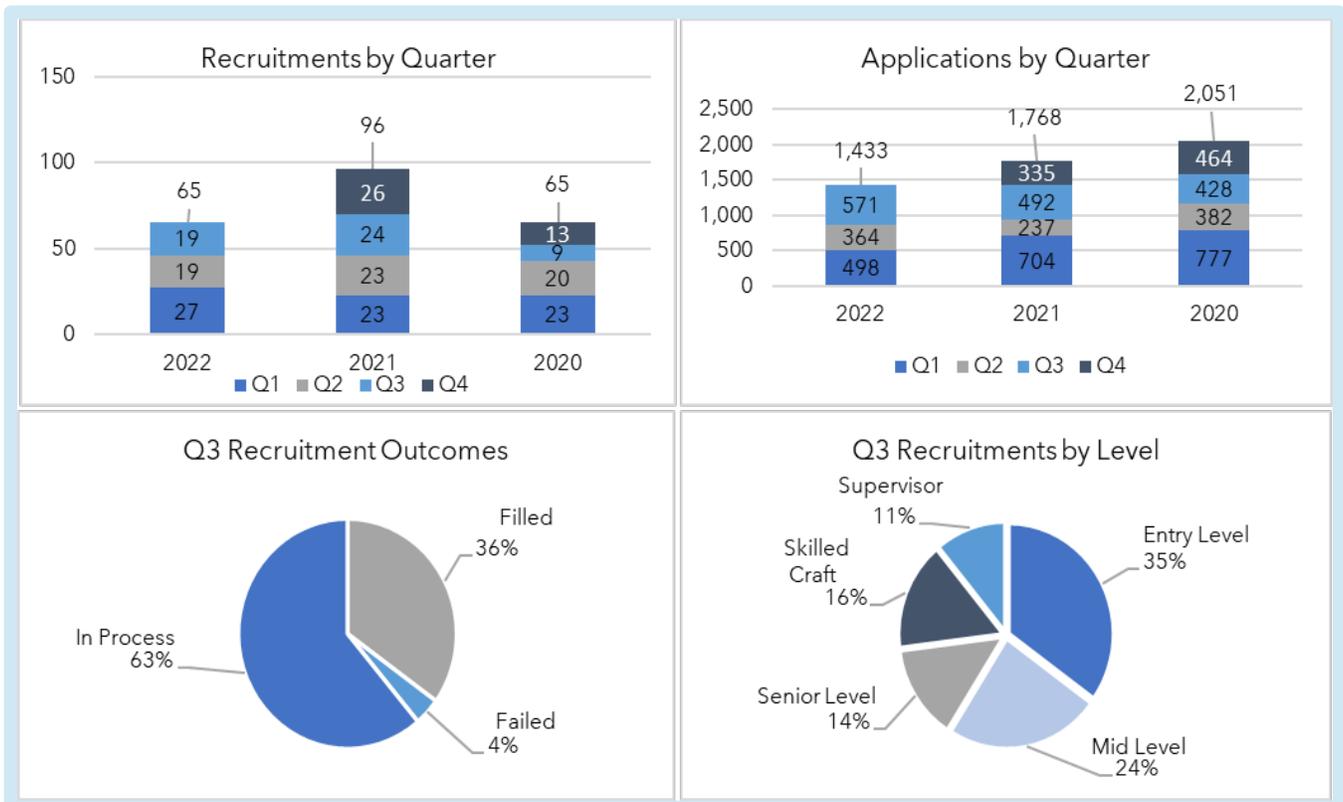
Application responses continue to increase compared to Q2. Average number of applications per recruitment increased by 20% as compared to Q3 2021.



IN PROGRESS

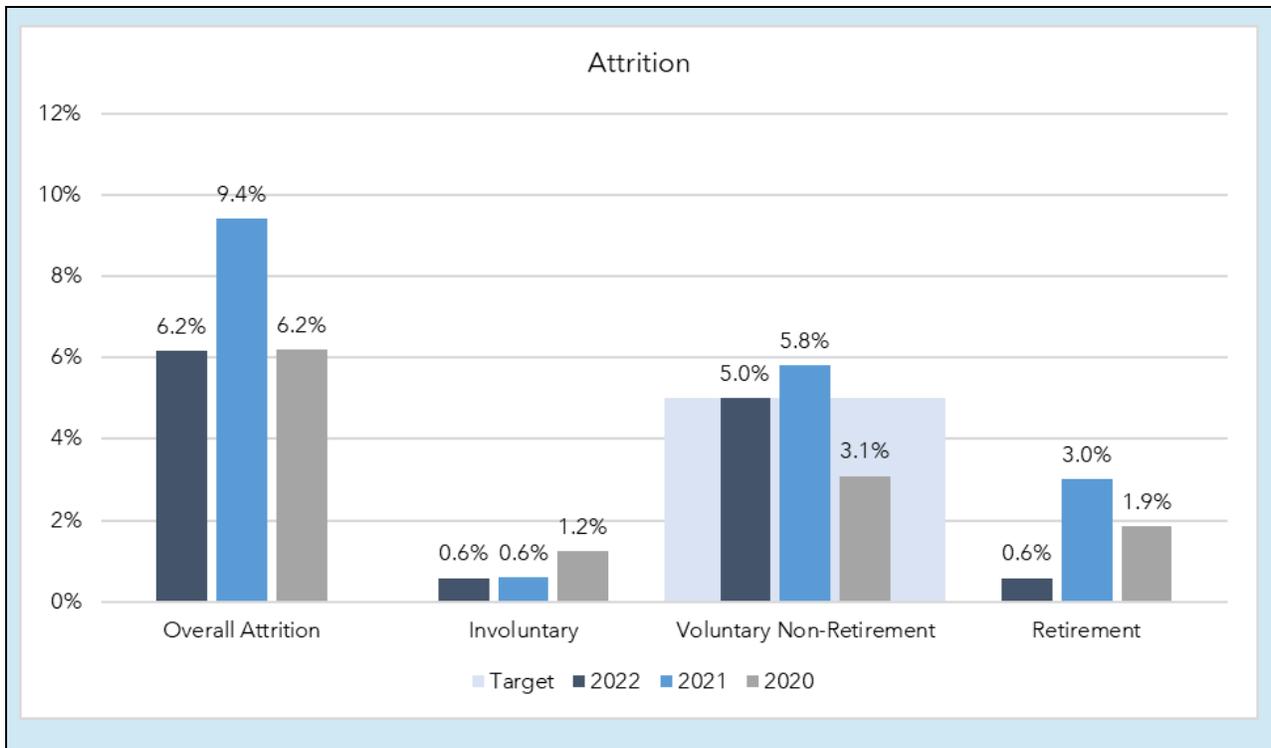
Testing a variety of approaches to attract qualified candidates for hard to fill jobs. A slight increase in applications per posting was observed from Q2 to Q3. Total attrition for the quarter was 6.4%, but remains below the industry average of 9.6%, as reported by Milliman.

Recruitment & Hiring DEI audit underway; Contractor delays have stalled progress on Phase 1. Note: Recruitment timeframes reported biannually, in Q2 and Q4.



Hard to Fill Positions – Q3		
Title	Methods/Tactics	Opened
General Accounting & Treasury Supervisor	Occupational specific targeted marketing. Social media blast every 45 days. Exploring utilizing candidate sourcing firm	5/24/22 – current
Generation Operations & Maintenance Planner	Posting failed in March. Reposted in May. Occupational specific targeted marketing. Social media blast every 45 days.	1/4/22 -current
Line Technician	Posting failed in August. Reposted in September. Expanded advertising.	04/08/22 - current

**Failed recruitments are those that have received no qualified applicants, had to be re-crafted at a different position level due to no response, and/or were open for 60+ days at the time of reporting.*



2e) Developing and nurturing an environment based on the principles of diversity, equity, and inclusion

Submitted By: Rod Price – Assistant General Manager

 <p>Overall Status</p>  <p>Below Target</p>	 <p>Status Summary</p> <p>While some progress is being made to formally focus on DEI programs, progress has been slower than planned.</p>	 <p>Item of Interest</p> <p>The EWEB Diversity Team has formed two focus areas: Activity/Education and Community Focus.</p>
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PROJECT MILESTONES

- Due to high 2022 workload, Commissioners elected to extend DEI policy work goals into 2023.
- Provided Correspondence to Commissioners in July for DEI program resources: *DEI Board Policy Development Background Information*



COMPLETED

General Managers Office

- Attended Equity Community Consortium (ECC) in August to help craft new charter and share ideas to build Equity programs and interests among local public agency members.
- AGM Attended several seminars on DEI programs to understand best practices at other public utilities.
- Drafted DEI program roadmap for 2023.

Workforce Services

- Contracted with Cascade for Policy language reviews to bring to current diversity and inclusion language standards.

Diversity Team

- Hosted information booth at the September Safety, Health and Wellness Fair. Solicited employee feedback on Diversity Equity and Inclusion language.
- Formed two subgroups to help grow our team and better support EWEB and our customers. Each subgroup has created mission statement, formed some governance conventions, and drafted a work plan for the coming year:
 - Activity Group mission: To offer EWEB employee's activities which inspire and promote DEI, with a primary focus on Inclusion. We strive to provide a safe space to explore pre-defined topic areas using various methods for a period of time (projected 6 months).
 - Community Group mission statement: To foster meaningful relationships with our community, increase equitable access to information and services, and provide inclusive, targeted resources through collaborative engagement with local agencies and partners.
- Continued to host TED talks and planning a year end team celebration.

GOAL 3 – IMPROVE OUR DAM SAFETY & HYDROELECTRIC COMPLIANCE

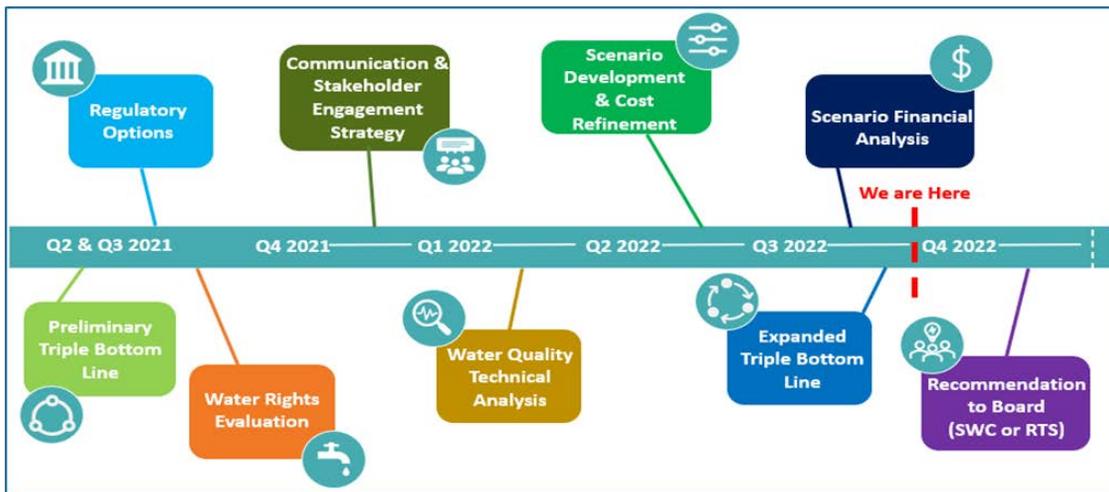
3a) Setting the direction of the Leaburg Hydro Electric Project toward either a power-producing asset or a storm water conveyance asset, in collaboration with the Board and the McKenzie Valley community, using developed guidelines and decision criteria

Submitted By: Karen Kelley – Chief Operations Officer and Lisa Krentz – Generation Operations Manager

<p>Overall Status</p> <p>On Target</p>	<p>Status Summary</p> <p>All action items are on track relative to the decision-making timeline presented to the Board in August of 2021.</p>	<p>Item of Interest</p> <p>Draft TBL report, media project tour, and the upriver and in-town listening sessions are complete.</p>
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PROJECT MILESTONES



COMPLETED

- Formal public outreach events (in-person and web-based), September bill insert with project information and social impact survey invitation, and an explanatory video for public viewing
- Carbon footprint analysis for all four alternatives
- Preliminary NPV analysis of all four alternatives, including various sensitivities
- Triple Bottom Line (TBL) draft report and Board weighting tool
- Installation of the water quality monitoring equipment
- Energy dissipation study for managing high canal flows as part of the near-term risk reduction measures
- Draft drilling program plan for subsurface exploration to support near-term risk reduction measures



IN PROGRESS

- Finalizing the comprehensive TBL analysis
- Continuing to interface with the public and analyze public outreach survey information
- Sample collection and laboratory testing for the water quality impact analysis
- Near-term risk reduction planning
- Negotiating to secure an agreement with Surface Water Registrations No.'s 630 and 631, and working to assist other affected non-EWEB obligated irrigation stakeholders

Goal 3b) Developing and committing resources to the staffing and implementation plan necessary to fulfill our dam safety and relicensing obligations at the Carmen-Smith project

Submitted By: Karen Kelley – Chief Operations Officer and Lisa Krentz – Generation Operations Manager

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary On track to develop a comprehensive staffing and resource plan in 2022.</p>	<p>Item of Interest Expanded Carmen-Smith Master Plan, emergency response capability assessment, and successful recruitment of key dam safety staff completed.</p>
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PROJECT MILESTONES

- Generation Division Function Assessment – Q1 2022
- Short Term Staffing Plan Developed – Q1 2022
- Staffing/Skills Gap Analysis – Q2 2022
- Recruitments for Key Dam Safety and License Implementation Staff – Q2/Q3 2022
- Dam Safety Emergency Response Capacity Assessment – Q2 2022
- Comprehensive Carmen-Smith Master Plan – Q2 2022
- Long Term Staffing and Resource Plan Developed – Q4 2022
- Basic Incident Command System (ICS) Training completed for all Generation staff – Q4 2022
- SharePoint Based Compliance Tracking System Implementation – Q4 2022



COMPLETED

Dam Safety Program

- Consultant assessment of dam safety emergency response capabilities, with recommendations for improvement
- Training program developed for new dam safety staff and supporting generation staff
- Updated ICS rosters and ICS training gap analysis

Carmen-Smith Implementation Program

- Expanded Carmen-Smith Implementation Master Plan



IN PROGRESS

- Carmen Smith Implementation Master Plan update
- Staff recruitments
- Long Term Staffing and Resource Plan
- Dam Safety training program
- ICS Training for all Generation staff, with expanded training for key personnel
- Development of SharePoint Compliance Tracking System

GOAL 4 – PREPARE TO REPLACE CHANGING & AGING TECHNOLOGY

Prepare to replace changing and aging technology that supports both business continuity and strategic priorities by completing an RFP and the Utility-Software selection; establishing design, data, and operational governance; documenting customer-interaction-based processes; and creating the organizational readiness for new business tools and processes through Change Management and Continuous Improvement.

Submitted By: Knabe, Hart, McGaughey and Price

<p>Overall Status</p> <p>On Target</p>	<p>Status Summary The Technology selection is in contract review while the SI RFP Draft is in the last rounds of internal review prior to being published.</p>	<p>Item of Interest Customer, Finance and Information Services Executive Leaders attend the SAP Conference making industry connections in support of the EES Program.</p>
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PROJECT MILESTONES



COMPLETED

- Finalized Technology Selection (SAP)
- Initiated Contract Negotiation with SAP
- Drafted SI RFP
- Initiated EES Executive Steering Committee
- Established Program Governance Processes - Risks, Action Items, Issues, Decisions and Impact Assessment
- Completed Business Process Inventory



IN PROGRESS

- Contract Negotiation with SAP
- Issuance of SI RFP
- Establishment of Data Governance Program
- Exercise Program Governance Processes
- Documentation of As-Is Business Processes

GOAL 5 – COMPLETE “PUBLIC DRAFT” OF AN INTEGRATED RESOURCE PLAN

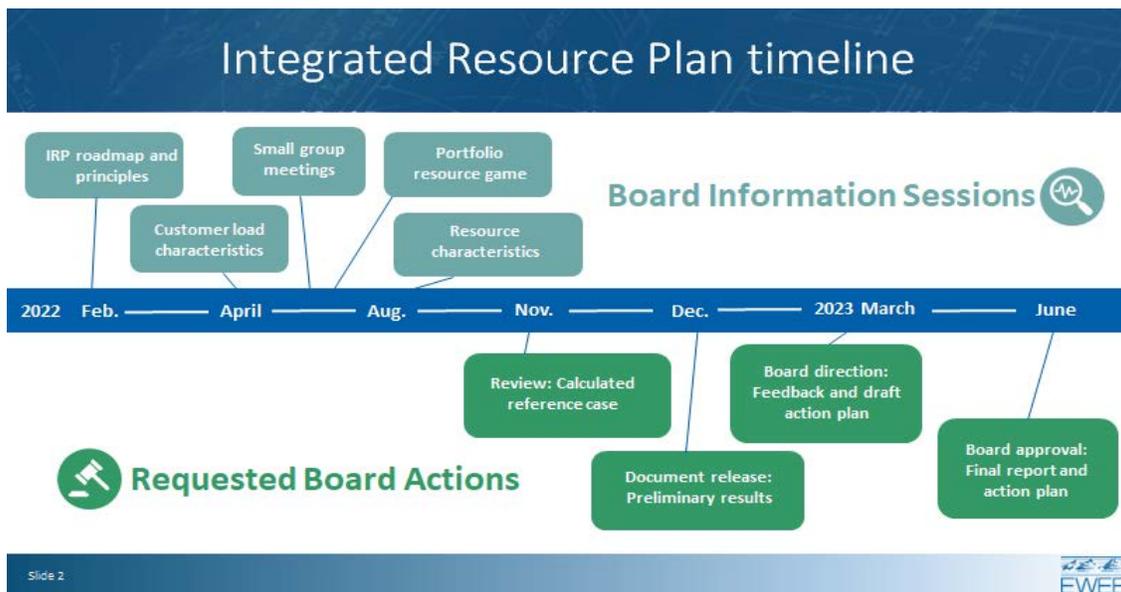
Complete a “public draft” of an integrated resource plan (IRP) in order to gather feedback during a public comment period in early 2023.

Submitted By: Frank Lawson – General Manager and Megan Capper - Energy Manager

<p>Overall Status</p> <p>On Target</p>	<p>Status Summary</p> <p>Project is on target and staff plan to talk about the Calculated reference case at the November 15 Board Work Session.</p>	<p>Item of Interest</p> <p>Staff are working on a draft stakeholder engagement plan to solicit feedback for the customers in early 2023.</p>
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MILESTONES



COMPLETED

The board met on July 27th to play the “Powering our Future” integrated resource portfolio game. The game provided an opportunity for participants to gain insights into the power planning process, using a simulated, hands-on, learning experience. Five teams constructed hypothetical power portfolios and explored how their team’s portfolio met the various needs of EWEB’s customers.

At the August Board meeting, staff presented on the candidate resources being modeled in the 2022 IRP and discussed the unique characteristics of each. Staff presented data on modeled costs as well as energy and capacity characteristics, which is helpful for understanding what resources may be considered a “best fit” for EWEB’s future portfolio.



IN PROGRESS

On November 15th, staff will present its calculated reference case to the Board for discussion and next steps. In December, staff will publish its public draft report prior to stakeholder engagement early 2023.⁵

⁵ EWEB’s Integrated Resource Planning work has been identified as a Guiding Policy for the Building Energy section of the City of Eugene’s CAP2.0.

GOAL 6 – IMPROVE OUR OPERATIONAL RESILIENCY

6a) Completing a plan for Willamette drinking water treatment, including project scope, schedule, and capital spending details, along with 2022-2023 land-use and permitting milestones

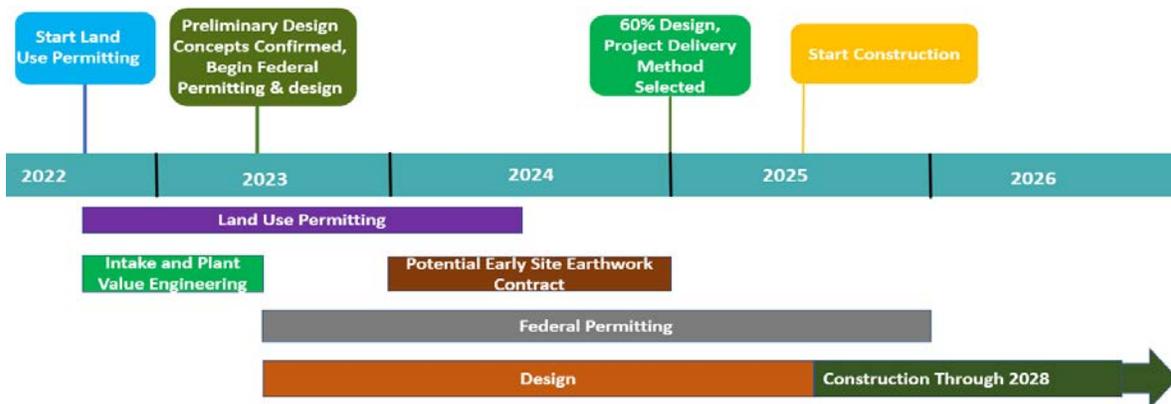
Submitted By: Karen Kelley – Chief Operations Officer and Mike Masters – Water Division Manager AIC

<p>Overall Status</p> <p>Below Target</p>	<p>Status Summary</p> <p>Behind desired target for initiation of land use permitting efforts. Recently Springfield gave approval for process to begin which bodes well for future progress to get project on track.</p>	<p>Item of Interest</p> <p>In Q3, EWEB’s formal application for access to federal stored water was submitted to the Oregon Water Resources Department.</p>
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PROJECT MILESTONES

Preliminary project stages and milestones for the Second Source project are shown below.



COMPLETED

- Preliminary design for both Willamette treatment plant and river intake (2014-2017)
- Negotiation of alternative treatment plant location and access/pipeline easements with the Springfield Utility Board.
- Bulk of construction of access road to serve as secondary access to treatment.
- Work session with City of Springfield on project and land use approvals.
- Application submittal for an additional water right on Willamette River through access to federal stored water. Additional rights will supplement existing Willamette rights and establish process for future access to stored water.



IN PROGRESS

- Retaining consultant to assist with land use permitting and working with City of Springfield on placing project in Public Facilities Services Plan (PFSP).
- Partial clearing of intake site to facilitate water quality sampling and intake evaluation.
- Retaining consultant to value engineer location of proposed river intake facilities.

6b) Finalizing the Electric Master Plan, incorporating strategic initiatives, asset strategy, staffing adequacy, equipment and contracting procurement and development of ongoing Type 1 and Type 2 programs for successful deployment of 10-year Electric CIP

Submitted By: Karen Kelley – Chief Operations Officer and Tyler Nice – Electric Division Manager

 <p>Overall Status</p>  <p>Below Target</p>	 <p>Status Summary 2023 Budgeting process completed. 10-year work plan updated and submitted. Alignment of Master Plan goals, metrics, and program targets .</p>	 <p>Item of Interest Developing scope of work and effort charter. In planning stage with EWEB Project Management Office (PMO) for kickoff.</p>
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PROJECT MILESTONES

Due to change in direction because of lack of internal resourcing and critical path needs associated with EES project (Asset Management Module pushed to 2024) this effort will roll over to 2023. The effort will be in partnership with internal PMO and rely on 3rd party consultant resourcing for completion.



COMPLETED

- 2023 Work Plan developed
- Update of equipment condition data and substation Heat Map index
- Development and submission of 2023+ 10 Year Capital Improvement Plan (CIP)
- Kicked off Continuous Improvement Project to document annual CIP process



IN PROGRESS

- Planning kickoff and alignment of key staff and stakeholder activities.
- Draft of internal Master Planning Policy
- Partnered with internal PMO for additional resourcing for development
- Drafting Project Charter
- Large strategic reconfiguration projects kicked off and preliminary design in progress (Thurston Substation, Blue River Reconfiguration, International Paper Scoping)

GOAL 7 – EVALUATE AND PREPARE FOR THE IMPACTS AND OPPORTUNITIES OF RATE DESIGN

Throughout 2022, in preparation for changing energy supply characteristics, consumption trends, and new product offerings (e.g., time-of-use, demand response), develop the consumption data analytics competency necessary to begin discussions and educational communications on a Multi-year Rate Design Plan for implementation beginning in mid/late 2023.

Submitted By: Deborah Hart, Chief Financial Officer and TiaMarie Harwood - Financial Services Manager

 <p>Overall Status</p>  <p>On Target</p>	 <p>Status Summary Concluded 3-part information series on ratemaking with Board.</p>	 <p>Item of Interest Management alignment of rate framework starting with a basic understanding of current data and systems.</p>
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COMPLETED

The 3-part Ratemaking information series that kicked off in April 2021 has concluded with the final series on Rate Design presented at the July 5th Board meeting.



IN PROGRESS

Staff continue to work through foundational activities in preparation of new product offerings, including review of current rate design and implementation processes for improvement opportunities, attending industry-specific education conferences, and continued analysis of rates data.

GOAL 8 – FINALIZE THE LONG-TERM DISPOSITION, POTENTIALLY DIVESTITURE, OF EWEB’S HEADQUARTERS PROPERTY

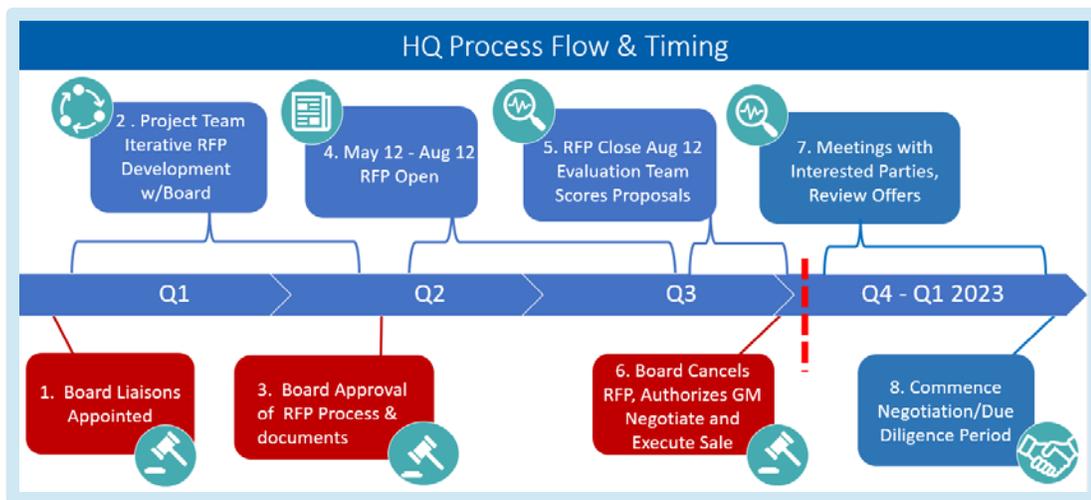
Finalize the long-term disposition, potentially divestiture, of EWEB’s Headquarters property by year-end, in collaboration with the Board.

Submitted By: Frank Lawson – General Manager and Anne Kah – Administrative Services Manager

<p>Overall Status</p> <p>Below Target</p>	<p>Status Summary</p> <p>The RFP was issued on time and according to plan, however the proposals received were not conducive to the defined evaluation process. The necessary shift in sale strategy will delay the finalization of the long-term disposition past year-end.</p>	<p>Item of Interest</p> <p>Commissioners canceled the RFP and authorized the General Manager to negotiate and execute a real property transaction within guidance parameters established by the Board.</p>
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PROJECT MILESTONES



COMPLETED

Following broad advertising, the RFP was open from May 12-August 12, 2022. A diverse Evaluation Team was assembled in support of the objective to provide the Board a well-rounded recommendation for the competitive range. EWEB received four proposals, and one letter of withdrawal from the RFP process. The proposals contained visions for the property, however, each offer contained a constraint resulting in a set of proposals that did not lend themselves well to the evaluation process outlined in the RFP. Consequently, Commissioners chose to cancel the RFP, and therefore the Evaluation Team was relieved of their duties. On October 6, Commissioners authorized the General Manager to negotiate and execute the disposition of the property within guidance parameters provided by the Board.



IN PROGRESS

Following the cancellation of the RFP, three of the respondents, plus an additional four parties have indicated interest in the property. During the month of October, the General Manager and staff focused on gaining a clearer picture of the market landscape and interested parties by conducting research and holding meetings and tours with potential buyers. We anticipate the General Manager may begin receiving and considering offers before the end of the year.

GLOSSARY

AF: Availability Factor. Multiplied by 100, this factor indicates the percentage of time that the generating units were available for operation.

AMI: Advance Metering Infrastructure

BLM: Business Line Manager

CI: Continuous Improvement

CIA: Contributions in Aid of Construction

CIS: Customer Information System

CIP: Capital Improvement Plan

CIP: Critical Infrastructure Protection

CRM: Customer Relationship Manager

CSU1 and CSU2: Carmen-Smith turbine units 1 & 2

FERC: Federal Energy Regulatory Commission

FCRPS: Federal Columbia River Power System

FOF: Forced Outage Factor. Multiplied by 100, this factor indicates the percentage of time that the generating units were forced offline due to an unplanned event.

GCF: Gross Capacity Factor. Multiplied by 100, this factor indicates the percentage of megawatt hours generated relative to the maximum number of megawatt hours that could have been generated if the generating unit had been operating continuously at full capacity.

GIS: Geographical Information System

GOF: Gross Output Factor. Multiplied by 100, this factor indicates the percentage of megawatt hours generated relative to the maximum number of megawatt hours that could have been generated if the generating unit had been operating at full capacity when available to generate.

HW - Harvest Wind

ICS: Incident Command System

IP: International Paper

KGAL: 1,000 gallons

KPI: Key Performance Indicator

LBU1 and LBU2 - Leaburg turbine units 1 & 2

NERC: North American Electric Reliability Corporation

PERS: Public Employees Retirement System

PPE: Personal Protective Equipment

PSPS: Public Safety Power Shutoff

PUC: Public Utility Commission

RCP: Retail Cash Payment

RMC: Risk Management Committee

SAIDI: System Average Interruption Duration Index

SAIFI: System Average Interruption Frequency Index

STC - Stone Creek

TB - Trail Bridge

WGA: Western Generation Agency (WGA) is the name of the intergovernmental entity formed by EWEB and Clatskanie People's Utility District (CPUD). The WGA steam turbine generator is located at the Georgia Pacific paper mill named Wauna.

WV - Walterville

APPENDICES

- Appendix A: Electric Utility Financial Statement (EL1)
- Appendix B: Water Utility Financial Statement (EL1)
- Appendix C: Electric Utility EL-1 Capital Report
- Appendix D: Water Utility EL-1 Capital Report
- Appendix E: Capital Spending Summary (Supplement to EL1 Reports)
- Appendix F: Contracts Awarded Report (EL2)
- Appendix G: Community Investment Report (EL3)
- Appendix H: Electric Division Details
- Appendix I: Water Division Details
- Appendix J: Workforce Composition
- Appendix K: Customer Division Details
- Appendix L: Illegal Camping Report

Disclaimer: The unaudited financial statements provided in this report are intended for management purposes only.

ELECTRIC UTILITY FINANCIAL STATEMENT (EL1) | Q3 2022

APPENDIX A

ELECTRIC CONDENSED STATEMENT OF REVENUES, EXPENSES, & CHANGES IN NET POSITION (Unaudited)

(In millions)

	Nine Months Ended September 30,		YTD Budget Comparison	
	2022	2021	Budget \$	Variance
Operating revenues	\$ 223.1	\$ 192.1	\$ 201.5	\$ 21.6
Operating expenses	208.2	192.6	203.8	(4.4)
Net operating income (loss)	14.9	(0.5)	(2.3)	17.2
Non-operating revenues	(0.2)	4.8	1.3	(1.5)
Non-operating expenses	5.7	5.9	5.5	(0.2)
Income (loss) before capital contributions	9.0	(1.6)	(6.5)	15.5
Capital contributions	7.1	6.2	1.5	5.6
Increase/(Decrease) in net position	\$ 16.1	\$ 4.6	\$ (5.0)	\$ 21.1

ELECTRIC CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)

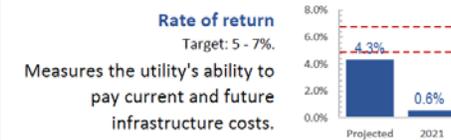
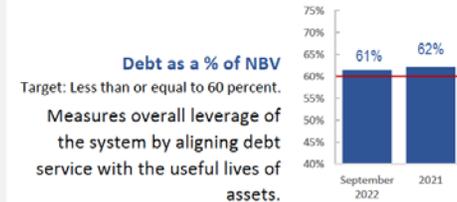
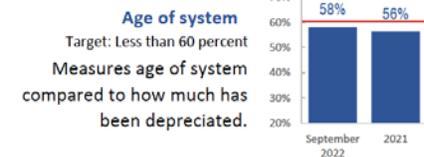
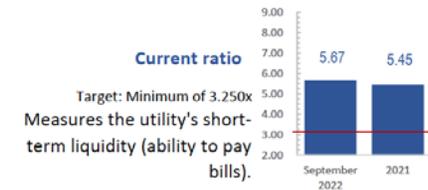
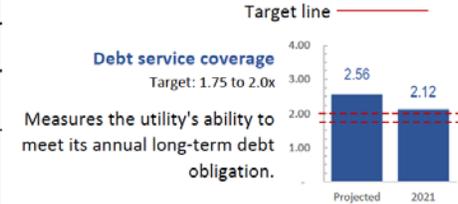
	September 30,		December 31,
	2022	2021	2021
Current assets	\$ 208.7	\$ 205.2	\$ 138.4
Net utility plant	440.2	428.4	444.4
Other assets	55.4	62.9	117.3
Total assets	704.3	696.5	700.1
Deferred outflows of resources	33.8	43.0	35.7
Total assets and deferred outflows	\$ 738.1	\$ 739.5	\$ 735.8
Current liabilities	\$ 36.8	\$ 31.8	\$ 37.7
Long-term debt	207.1	218.4	217.9
Other liabilities	40.5	69.9	41.8
Total liabilities	284.4	320.1	297.4
Deferred inflows of resources	42.1	27.4	43.0
Total net position	411.6	392.0	395.4
Total liabilities, deferred inflows, and net position	\$ 738.1	\$ 739.5	\$ 735.8

ELECTRIC CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In millions)

	YTD	Annual Working Budget	
	9/30/2022	Budget \$	% of Budget
Type 1 - General capital	\$ 10.8	\$ 15.3	70.6%
Type 2 - Rehabilitation and expansion	3.7	10.5	35.2%
Type 3 - Strategic projects	8.8	29.2	30.1%
Total capital	\$ 23.3	\$ 55.0	42.4%

FINANCIAL STRENGTH MEASUREMENTS



WATER UTILITY FINANCIAL STATEMENT (EL1) | Q3 2022

APPENDIX B

WATER CONDENSED STATEMENT OF REVENUES, EXPENSES, & CHANGES IN NET POSITION (Unaudited)

(In thousands)

	Nine Months Ended September 30,		Budget Comparison	
	2022	2021	Budget \$	Variance
Operating revenues	\$ 32,712	\$ 32,703	\$ 31,859	\$ 853
Operating expenses	27,315	21,736	26,024	(1,291)
Net operating income	5,397	10,967	5,835	(438)
Non-operating revenues	142	971	28	114
Non-operating expenses	1,673	1,903	1,650	(23)
Income before capital contributions	3,866	10,035	4,213	(347)
Capital contributions	1,179	1,953	2,370	(1,191)
Increase in net position	\$ 5,045	\$ 11,988	\$ 6,583	\$ (1,538)

WATER CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)

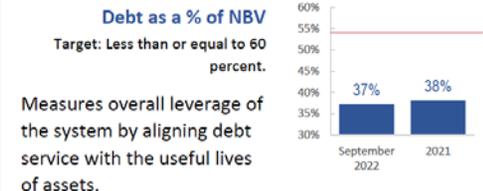
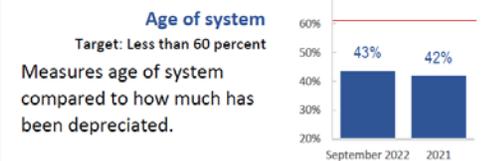
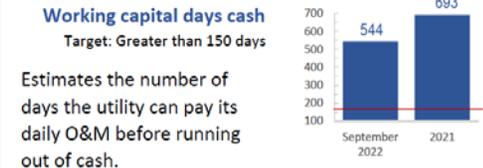
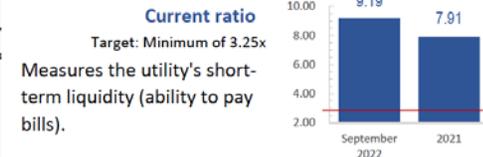
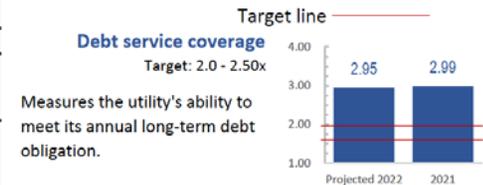
	September 30,		December 31,
	2022	2021	2021
Current assets	\$ 51.1	\$ 61.7	\$ 60.8
Net utility plant	219.2	205.8	209.5
Other assets	12.6	13.4	12.5
Total assets	282.9	280.9	282.8
Deferred outflows of resources	10.6	13.0	10.7
Total assets and deferred outflows	\$ 293.5	\$ 293.9	\$ 293.5
Current liabilities	\$ 5.6	\$ 5.5	\$ 7.7
Long-term debt	68.9	72.2	71.9
Other liabilities	12.9	21.7	12.8
Total liabilities	87.4	99.4	92.4
Deferred inflows of resources	13.3	7.3	13.3
Total net position	192.8	187.2	187.8
Total liabilities, deferred inflows, and net position	\$ 293.5	\$ 293.9	\$ 293.5

WATER CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In thousands)

	YTD	Annual Working Budget	
	9/30/2022	Budget \$	% of Budget
Type 1 - General capital	\$ 8,059	\$ 10,092	79.9%
Type 2 - Rehabilitation and expansion	\$ 7,847	18,215	43.1%
Type 3 - Strategic projects	\$ 117	824	14.2%
Total capital	\$ 16,023	\$ 29,131	55.0%

FINANCIAL STRENGTH MEASUREMENTS



ELECTRIC UTILITY EL1 CAPITAL REPORT | Q3 2022

APPENDIX C

	ANNUAL BUDGET		2022 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
TYPE 1 - GENERAL CAPITAL					
Generation Infrastructure	\$ 2,140,000	\$ 2,140,000	\$ 336,800	16%	\$ 1,115,000
Substation Infrastructure	2,160,000	2,160,000	2,000,000	93%	2,550,000
Transmission & Distribution Infrastructure	7,276,000	7,276,000	6,066,600	83%	9,282,900
Telecommunications	906,000	906,000	500,700	55%	517,000
Information Technology	1,487,000	1,487,360	1,072,200	72%	1,487,400
Buildings, Land, & Fleet	1,084,000	1,084,000	1,061,900	98%	1,599,400
TOTAL TYPE 1 PROJECTS	\$ 15,053,000	\$ 15,053,360	\$ 11,038,200	73%	\$ 16,551,700
TYPE 2 - REHABILITATION & EXPANSION PROJECTS					
Downtown Network	\$ 1,015,000	\$ 1,015,000	\$ 577,500	57%	\$ 750,000
Buildings & Land	1,400,000	1,400,000	284,400	20%	600,000
Electric T&D - Master Plan	3,000,000	3,000,000	757,500	25%	1,737,300
Distribution Resiliency Upgrades	52,000	52,000	33,100	64%	45,000
Infrastructure - Generation	2,000,000	2,000,000	1,693,100	85%	3,050,000
Electric Meter Upgrade	3,276,000	3,275,634	94,400	3%	76,000
Information Technology	-	-	103,400	0%	280,000
TOTAL TYPE 2 PROJECTS	\$ 10,743,000	\$ 10,742,634	\$ 3,543,400	33%	\$ 6,538,300.00
TYPE 3 - STRATEGIC PROJECTS & PROGRAMS					
Carmen-Smith Relicensing	\$ 29,220,000	\$ 29,220,000	\$ 8,781,600	30%	\$ 15,500,000
TOTAL ELECTRIC CAPITAL PROJECTS	\$ 55,016,000	\$ 55,015,994	\$ 23,363,200	42%	\$ 38,590,000

Type 1 - General Capital is budgeted Year-by-Year for recurring capital expenditures from January through December. Type 1 Capital includes categorized collections of projects of less than \$1 million, and typically involves dozens of individual projects that add up to \$3.5-4.5 million per year.

Type 2 projects have "discrete" scopes, schedules (launch through completion), and cost over \$1MM during the project life, and project life can span multiple years.

Type 3 projects are large strategic programs with long term impacts and are typically bond-funded.

WATER UTILITY EL1 CAPITAL REPORT | Q3 2022

APPENDIX D

	ANNUAL BUDGET		2022 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
TYPE 1 - GENERAL CAPITAL					
Source - Water Intakes & Filtration Plant	\$ 849,000	\$ 850,003	\$ 1,111,400	131%	\$ 1,200,000
Distribution & Pipe Services	6,181,000	6,180,002	6,297,000	102%	7,800,000
Distribution Facilities	2,153,000	2,153,000	275,400	13%	700,000
Information Technology	257,000	257,440	87,200	34%	150,000
Buildings, Land, & Fleet	1,002,000	652,000	288,300	44%	650,000
TOTAL TYPE 1 PROJECTS	\$ 10,442,000	\$ 10,092,444	\$ 8,059,300	80%	\$ 10,500,000
TYPE 2 - REHABILITATION & EXPANSION PROJECTS					
Distribution Facilities	12,875,000	12,875,001	6,207,900	48%	9,500,000
Distribution & Pipe Services	1,442,000	1,442,000	192,500	13%	500,000
Buildings & Land	-	350,000	71,100	20%	350,000
Water Meter Upgrade	3,548,000	3,548,000	1,349,200	38%	1,800,000
Information Technology	-	-	25,800	0%	40,000
TOTAL TYPE 2 PROJECTS	\$ 17,865,000	\$ 18,215,001	\$ 7,846,500	43%	\$ 12,190,000
TYPE 3 - STRATEGIC PROJECTS & PROGRAMS					
Emergency Water Supply	515,000	514,999	113,500	22%	300,000
Second Source	309,000	309,000	3,900	1%	400,000
TOTAL TYPE 3 PROJECTS	\$ 824,000	\$ 823,999	\$ 117,400	14%	\$ 700,000
TOTAL WATER CAPITAL PROJECTS	\$ 29,131,000	\$ 29,131,444	\$ 16,023,200	55%	\$ 23,390,000

Type 1 - General Capital is budgeted Year-by-Year for recurring capital expenditures from January through December. Type 1 Capital includes categorized collections of projects of less than \$1 million, and typically involves dozens of individual projects that add up to \$3.5-4.5 million per year.

Type 2 projects have "discrete" scopes, schedules (launch through completion), and cost over \$1MM during the project life, and project life can span multiple years.

Type 3 projects are large strategic programs with long term impacts and are typically bond-funded.

CAPITAL SPENDING SUMMARY | Q3 2022

APPENDIX E

In accordance with Board Policy EL1, staff will provide the Board with quarterly updates for all current year projects on the Capital Improvement Plans.

General Capital Renewal and Replacement projects (Type 1) will be reported by category (e.g., substations, shared IT infrastructure, transmission & distribution mains).

Infrastructure Rehabilitation & Expansion (Type II) and Strategic Projects (Type III) will be reported individually. Type II and III projects are further defined as those that are projected to be greater than \$1 million for the life of the project.

ELECTRIC UTILITY AND SHARED SERVICES CAPITAL SPENDING SUMMARY

TYPE 2 – REHABILITATION & EXPANSION (ELECTRIC AND SHARED SERVICE)

Shared Services project updates are provided within the Electric Utility Capital section below, but the project budget and costs are split between Electric and Water in Appendix C and D.

Downtown Network

Project Initiation:	Sep - 2010	Initial Scope Budget:	\$15,000,000
Initial Planned Completion:	Dec - 2015	Actual Project Costs To-Date:	\$11,454,700
Projected Completion:	*NA	Total Final Cost Projection:	*NA

**This work has been operationalized as programmatic and ongoing to ensure the reliability of the Downtown Network and will be reclassified as a Type 1 project starting in the 2023 budget year.*

Electric T&D – Strategic Projects

Currin Substation Rebuild Project specifically: Early 2020 the Currin Substation rebuild project was initiated and has progressed through 90% design. Engineering has been procuring long lead items. Temporary system changes to support construction will begin Q4 2022 with major construction to extend into 2024.

Project Initiation:	Jan - 2020	Initial Scope Budget:	\$9,500,000
Initial Planned Completion:	Dec – 2022	Actual Project Costs To-Date:	\$1,184,265
Projected Completion:	Apr – 2024	Total Final Cost Projection:	\$11,400,000

Leaburg Canal Risk Mitigation (Near Term Risk Reduction Measures)

Project Initiation	Jul - 2021	Initial Scope Budget	\$21,500,000
Initial Planned Completion	Dec - 2028	Actual Project Cost to Date	\$ 1,622,000
Projected Completion	Dec - 2039	Total Final Cost Projection	\$21,500,00

**Above does not include implementation of a long-term Leaburg Canal solution but does include YTD Strategic Evaluation expenses in addition to near term risk reduction planning costs.*

TYPE 3 – CARMEN SMITH RELICENSING (ELECTRIC AND SHARED SERVICES)

Carmen Smith License Deployment

Project Initiation	Nov - 2016	Initial Scope Budget	\$139,000,000
Initial Planned Completion	Dec - 2027	Actual Project Cost to Date	\$ 71,723,000
Projected Completion	Dec - 2029	Total Final Cost Projection	\$153,000,000

CAPITAL SPENDING SUMMARY | Q3 2022

APPENDIX E

WATER UTILITY CAPITAL SPENDING SUMMARY AND PROJECT UPDATES

TYPE 2 – REHABILITATION & EXPANSION (WATER AND SHARED SERVICES)

Shared Services project updates are provided within the Electric Utility Capital section above, but the project budget and costs are split between Electric and Water in Appendix C and D.

Distribution Facilities and Pipe/Services

The E. 40th Project and AMI Water Meter Project are listed below and included in these categories on the EL-1 report. No other significant Type 2 activity occurred in Q3 2022.

E. 40th Reservoir Project

Project Initiation:	2018	Initial Scope Budget:	\$ 10,250,000
Initial Planned Completion:	Dec 2021	Actual Project Costs To-Date:	\$ 9,383,000
Projected Completion:	Dec-2023	Total Final Cost Projection:	\$ 28,000,000

*Difference between initial scope budget and final const projection reflects Board decision to accelerate second tank construction at the site and build two tanks with initial contract.

AMI Water Meter Upgrade

Project Initiation:	2018	Initial Scope Budget:	\$ 17,828,000
Initial Planned Completion:	Dec 2021	Actual Project Costs To-Date:	\$ 13,590,000
Projected Completion:	Dec-2024	Total Final Cost Projection:	\$ 19,000,000

TYPE 3 - EMERGENCY WATER SUPPLY

The Emergency Water Supply Project is listed below and included in this category on the EL-1 report. No other significant Type 3 activity occurred in Q3 2022

Emergency Water Supply¹

Construction of new emergency distribution sites is anticipated to end in 2023 with an anticipated 7 or 8 sites. On-going agency coordination and water quality results in the southern sites will dictate the final number. Efforts will then shift to the operation and maintenance of the established site.

Project Initiation:	2018	Initial Scope Budget:	\$ 4,000,000
Initial Planned Completion:	2028	Actual Project Costs To-Date:	\$ 1,924,000
Projected Completion:	2023	Total Final Cost Projection:	\$ 2,500,000

¹ Emergency Water Supply reporting relates to City of Eugene's CAP2.0 action item R20 (install emergency water stations).

CONTRACTS REPORT | Q3 2022

APPENDIX F

Contract Execution Date	Contractor	City, State	Contract Title, Detailed Description	Expiration Date	Contract Amount	Contract Process	Executive Manager
07/25/22	U of O	Eugene, OR	22-120 Fire Detection Cameras - 5-year IGA to facilitate the installation of ALERTWildfire detection and monitoring cameras on EWEB property.	04/01/27	\$ 120,000	Direct Negotiation	Karen Kelley
07/28/22	OTS Wire and Insulation, Inc	Portland, OR	22-142 HB Pump Vibration Monitoring - Contract for vibrations analysis as needed and annually on the 18 pumps housed at the plant.	07/27/27	\$ 50,000	Quotes	Karen Kelley
08/04/22	Electrical Power Products	Des Moines, IA	22-106 IP Switchgear Panel Fabrication - Purchase of substation panels for the International Paper Power Plant 4 Switchgear Replacement Project.	03/31/23	\$ 110,339	Quotes	Karen Kelley
08/23/22	David Evans & Assoc.	Corvallis, OR	22-162 McKenzie-Thurston Triple Circuit - Personal Services Contract to design a 0.85-mile triple circuit transmission line with two 115 kV circuits and a single 69 kV circuit on steel pole H frame structures to replace aging laminate wood pole structures.	12/12/22	\$ 70,700	Direct Negotiation	Karen Kelley
09/15/22	Anixter	Portland, OR	22-188 Currin Control Cables - Purchase of cable for substation controls.	08/01/23	\$ 78,210	Quotes	Karen Kelley
09/15/22	DocuTRAK Imaging, Inc.	Eugene, OR	22-158 Record Box Storage - 5-year Contract for records storage services.	09/15/27	\$ 145,000	Quotes	Rod Price
09/07/22	I-5 Sports LLC	Albany, OR	22-179 2023 CAN-AM DEFENDER UTILITY SIDE BY SIDE - Purchase of a Side-by-side ATV for EWEB's Operations.	09/07/22	\$ 44,707	Quotes	Karen Kelley
08/17/22	Cummins	Coburg, OR	22-133 Annual Pump Station Generator Maintenance - Annual generator maintenance service contract for pump stations and water filtration plant.	08/17/25	\$ 49,814	Direct Negotiation	Karen Kelley
08/31/22	Western Utility Telecom	Salem, OR	22-171 Steel Transmission Pole to Replace Pole 29419 - Purchase of 95' steel pole	11/29/22	\$ 43,036	Quotes	Karen Kelley

Contract Execution Date	Contractor	City, State	Contract Title, Detailed Description	Expiration Date	Contract Amount	Contract Process	Executive Manager
08/11/22	Pump Tech, LLC	Canby, OR	22-160 Grundfos Pump - Purchase of Grundfos CR series vertical inline pumps for use in distribution water pump stations.	01/02/23	\$ 72,994	Direct Negotiation	Karen Kelley
09/28/22	Day Wireless	Salem, OR	22-138 College Crest Water Control System - Goods and Services Contract to update the water control system at the College Crest site.	09/01/23	\$ 125,160	Direct Negotiation	Karen Kelley
08/25/22	Applied Process Equipment	Scottsdale, AZ	22-004-G Arsenic Removal System - Purchase of a arsenic removal system for emergency water well.	08/26/22	\$ 124,165	Informal RFP	Karen Kelley
07/11/22	City of Eugene/Lane County/EWEB	Eugene, OR	2021-09 MOU Upgrade of Crestview and Coburg Microwave Sites - This contract includes \$228,024 for goods and construction purchases with Aviat Networks, which the Board previously approved on September 6, 2022. All costs of this contract, including the costs for Aviat Networks, are reimbursable by the City of Eugene.	03/31/23	\$ 365,090 All costs are reimbursable by the City of Eugene	IGA/MOU	Karen Kelley

For questions please contact Quentin Furrow, 541-685-7380

COMMUNITY INVESTMENT | Q3 2022

APPENDIX G



Community Investment Program guidelines are in place to ensure consistency and transparency for how we invest our customers' dollars for the betterment and well-being of the community we serve.

- Community safety net - Helping people regain stability during times of hardship
- Emergency preparedness - Encouraging personal preparedness and supporting a disaster-resilient community
- Water - Highlighting the importance of drinking water systems, promoting water quality and reliability, and encouraging stewardship of water resources for future generations
- Energy - Promoting energy efficiency and renewable energy projects
- Education - Inspiring and preparing students to succeed in careers of the future.

\$14,605,719*
invested year to date

**Does not including Energy Efficiency loans, Water Truck deployments, Greenpower grant awards yet to be paid out/finalized, or volunteer/ambassador efforts and events.*

INVESTMENT TYPE CATEGORIES



BOARD DIRECTED

Items that are funded through rates and specifically approved by the Board of Commissioners. Examples include education grants, limited income programs and system development charge (SDC) waivers.



CUSTOMER VOLUNTARY

Greenpower Program, an optional customer program that allows customers to support clean, sustainable energy and encourage renewable energy projects in our local community.



DISCRETIONARY

Projects, events, sponsorships and/or other requests of support from the community or industry directed to individual departments or the organization as a whole. Requests that provide strong alignment between EWEB's discretionary community investment criteria and the Strategic Plan are vetted through the General Manager's office for consideration. As a customer-owned utility our community giving dollars are reserved for requests that closely align with the main priorities of EWEB's Board-adopted Strategic Plan: providing safe and reliable water and electricity to our customers, and helping our community be prepared and recover from emergencies.



MANDATORY

Because EWEB is a public agency, it is exempt from taxes. Instead, we contribute a portion of electricity sales revenue to the cities of Eugene and Springfield in the form of Contributions in Lieu of Taxes, or CILT.



COMMUNITY INVESTMENT | Q3 2022

APPENDIX G

SPONSORSHIPS, DONATIONS, GRANTS & MUTUAL AID

TOTAL YTD \$793,557		
Q3 	<p>OREGON ENVIRONMENTAL COUNCIL Business and the Environment Forum series Nov 2022 – Jan 2023 - For support of OEC’s Business and the Environment Forum series: Building a Climate-Resilient Future: Innovative Design and New Public Policies (Nov/Dec) and Once in a Generation: Making the Most of Billions in Infrastructure Funding (Jan 2023).</p>	\$1,250
	<p>THE VERY LITTLE THEATER The Minority Voices Theatre reading of illioo Native Theatre’s "Salmon Is Everything" 09/23-09/25 – This presentation of "Salmon Is Everything" commemorated the 20th anniversary of the devastating fish-kill on the Klamath River and celebrates the resiliency of this diverse community. "Salmon Is Everything" calls attention to the water issues that face many of the rivers and watersheds of Oregon and the Pacific Northwest and reflects Indigenous cultures of our region by exploring the ecological issues that are affecting them and all of us. EWEB Water Resources Supervisor Susan Fricke represented the utility as one of the readers on stage. EWEB and several local watershed groups joined Native community members for discussions after the play.</p>	\$1,000
	<p>MCKENZIE GET TOGETHER Community Event An event where McKenzie River community members, survivors, and others gathered and celebrated the progress toward recovery and resiliency of the community in commemoration on the 2nd anniversary of the Holiday Farm Fire.</p>	\$500
	<p>FRIENDS OF TREES - EUGENE METRO 2021 Greenpower grant winner - will receive up to \$50,000 Partial disbursement: subsequent installments will be made as project progresses. The 2021 grant will be used for another tree planting effort with a focus on urban areas and communities historically excluded from the benefits of green space. The project will also include engaging volunteers in the stewardship of trees to promote more sustainable neighborhoods and urban habitat areas. Final disbursements of their 2021 Greenpower Grant is slated for payment in early 2023.</p>	\$15,000
	<p>CITY OF EUGENE AND EVENT CONTRACTORS Eugene Riverfront Festival and World Athletics Championships Oregon 22 07/15/22-07/24/22 - *EWEB provided a variety of services to support the Eugene Riverfront Festival that welcomed the world to Eugene for the first ever World Athletics Championships on U.S. soil, in addition to support services for the event itself, along with a cash donation. (Includes estimated hours for EWEB Ambassadors hosting the Drinking Water Distribution Trailer)</p> <ul style="list-style-type: none"> • Ensuring appropriate water/electric service, including advising event coordinators on service needs and best practices, particularly around event water stations that are not provided by EWEB. • Ensuring we do not have construction activities in any major transportation corridors to/from the events. 	\$42,500*

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	<ul style="list-style-type: none"> • EWEB is providing drinking water for the Eugene Riverfront Festival using our Drinking Water Distribution Trailer, which will be hosted by EWEB Ambassadors. • Providing use of the Headquarters North Building and main parking lot for Riverfront Festival volunteers and event contractors, Revere. • Security is providing badging for festival volunteers using the North Building and monitoring HQ property for the duration of the festival for both physical security purposes and to ensure continued access of the main building and reserved parking for employees and renters. • Cash donation of \$4k to support the festival. 	
	JUL-DEC 2022 EDUCATION GRANTS Eugene 4J School District Bethel School District McKenzie School District Springfield School District	\$130,000 \$40,500 \$11,000 \$24,500
	Q3 TOTAL	\$266,250
Q2 	4J, BETHEL, SPRINGFIELD, AND MCKENZIE SCHOOL DISTRICTS EWEB EV Challenge 06/09/22 - EWEB's annual Solar Car challenge has been rebranded as the "EV Challenge" and includes participants from 4J, Bethel, Springfield, and McKenzie school districts. Funding is jointly provided by Greenpower and Clean Fuel Credits. EWEB developed and shared educational content with participating educators which included info on EWEBs resource portfolio, carbon, TOU, customer programs, and climate leadership. The purpose of the project is to generate enthusiasm for science and improve students' understanding of science concepts, particularly aerodynamics, design, transportation, renewable energy concepts, engineering, gravity, and friction. The event grant of \$20,607 provided funding for classroom materials, training, challenge day materials and other costs.	\$20,607 ¹
	EWEB ENERGY SHARE Bake Sale 05/25/22 – EWEB staff coordinated an internal bake sale to raise money for EWEB's Energy Share Program. Twenty-three people provided the goodies that helped raise \$1169. Energy Share funds are used by customer service staff to help customers who are in need of assistance but do not qualify for standard assistance programs.	\$1169
	UNITED WAY OF LANE COUNTY, EARTHSHARE, EWEB'S ENERGY SHARE EWEB's Annual Employee Giving Campaign 05/02/22-05/13/22 - EWEB's annual Employee Giving campaign ran May 2-13. This program offers employees the opportunity to donate money to United Way of Lane County, EarthShare and their associated federation charities, EWEB's Energy Share program and other employee-selected charities via payroll deduction, credit card or check. In total, employee gifts were designated to over 50 different organizations, including EWEB's Energy Share program.	\$17,380

¹ EWEB's EV Challenge relates to the City of Eugene's CAP2.0 for Transportation action items T24 and T36 (EV marketing and awareness).

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	<p>COLUMBIA RIVER PUBLIC UTILITY DISTRICT Mutual Aid 04/12/22 - EWEB dispatched a two-person crew with a bucket truck to assist with repairs and restoring electric service for Columbia River Public Utility District, which serves customers in Columbia County, north of Portland. The assignment to Columbia County lasted two days.</p>	<p>\$19,805</p>
Q2 TOTAL		\$58,961
<p>Q1</p> 	<p>EVERYONE VILLAGE Emergency Water Bottles for Residents 02/23/22 - *\$400 value approximate. EWEB provided 35 emergency water bottles for each of the 35 residents at a new non-congregate homeless shelter in West Eugene. https://everyonevillage.org/</p>	<p>\$400</p>
	<p>JAN-JUNE 2022 EDUCATION GRANTS Eugene 4J School District Bethel School District McKenzie School District Springfield School District</p>	<p>\$130,000 \$40,500 \$11,000 \$24,500</p>
	<p>PACIFIC GAS & ELECTRIC Mutual Aid 12/30/2021-01/06/22 - Two 4-person line crews spent the New Year holiday weekend through Jan. 5 restoring power to thousands of Pacific Gas & Electric customers in northeast California after winter storms dumped more than 10 feet of snow in the Lake Tahoe area starting before Christmas. <i>*The cost was underreported in quarter one. The amount has been updated.</i></p>	<p>\$261,946*</p>
Q1 TOTAL		\$468,346



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CUSTOMER SOLUTIONS PRODUCTS AND SERVICES

ENERGY EFFICIENCY INCENTIVES ²		Q1	Q2	Q3	Q4	TOTAL YTD
	EWEB ENERGY EFFICIENCY PROGRAMS Incentives – Residential Q3 - 324 residential projects. Q2 – 355 residential projects. Q1 - 310 residential projects.	\$275,981	\$322,033*	\$308,889		\$906,903
	EWEB ENERGY EFFICIENCY PROGRAMS Incentives - Non-residential Q3 - 18 commercial projects. 4 industrial projects. Q2 – 37 commercial projects. Q1 - 27 commercial projects.	\$98,367	\$283,104*	\$632,812		\$1,014,283
	EWEB ENERGY EFFICIENCY PROGRAMS Incentives - Efficient Growth Q3 - 42 residential heating conversions. 5 commercial projects. Q2 – 37 residential heating conversions. Q1- 32 residential heating conversions.	\$25,600*	\$24,200*	\$38,450		\$88,250
	EWEB ENERGY EFFICIENCY PROGRAMS³ Transportation Electrification Q3 - 55 residential EV chargers, 386 electric bikes, 1 grant. Q2 – 56 residential EV chargers, 159 electric bikes, 1 commercial EV grant. Q1- 48 residential and 1 commercial EV chargers.	\$25,483	\$85,812	\$143,482		\$254,777
	EWEB GREENPOWER PROGRAM Solar Electric Incentives Q3 - 33 residential projects. Q2 – 46 residential projects. Q1- 35 residential projects.	\$23,350	\$53,735	\$59,039		\$136,124

² The first three programs listed on this table (EWEB Energy Efficiency Programs for Residential and Non-Residential Incentives as well as Efficient Growth) relate to City of Eugene’s CAP2.0 Building Energy action item B12.

³ EWEB’s energy efficiency programs related to transportation electrification relate to City of Eugene’s CAP2.0 Transportation action items T24 and T36 (EV marketing and awareness).

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	EWEB WATER CONSERVATION PROGRAMS Hand Valve and Toilet Rebates, Septic Maintenance Incentives Q3 - 28 efficient toilets, 36 hand valves and 18 septic pumping rebates. Q2 – 18 efficient toilets, 24 hand valves and 17 septic pumping rebates. Q1- 26 efficient toilets, 26 hand valves and 9 septic pumping rebates.	\$5,800	\$7,425	\$9,175		\$22,400
<i>*Amounts w/asterisks have been adjusted since last quarter</i>		\$454,581	\$776,309	\$1,191,847		\$2,422,737

LIMITED INCOME ASSISTANCE⁴		Q1	Q2	Q3	Q4	TOTAL YTD
	EWEB CUSTOMER CARE PROGRAM Limited Income Energy Assistance Q3 - 897 customers served through ECC program (\$251,405) and 306 through Energy Share (\$58,605). Q2 – 1,072 customers served through ECC program (\$300,160) and 306 through Energy Share (\$68,627). Q1 - 1,909 customers served through ECC program (\$534,520) and 240 through Energy Share (\$40,050).	\$574,570	\$368,787	\$310,010		\$1,253,367
	EWEB LIMITED INCOME ASSISTANCE Electric Line Repair Grants (Income eligible) Q3 - 1 project. Q2 – 2 projects. Q1 - 2 projects.	\$6,753	\$1,860	\$4,070		\$12,683
	EWEB WATER CONSERVATION PROGRAMS Water Line Repair Grants (Income eligible) Q3 - 6 projects. Q2 – 8 projects. Q1 - 5 projects.	\$11,913	\$23,858	\$15,646		\$51,417
		\$593,236	\$394,505	\$329,726		\$1,317,467

⁴ EWEB's Limited Income Assistance Programs relate to City of Eugene's CAP2.0 Building Energy action item B11.



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HOLIDAY FARM FIRE INCENTIVES AND GRANTS		Q1	Q2	Q3	Q4	TOTAL YTD
	WATER SOURCE PROTECTION Infrastructure/Homesite Relocation Q3 – 1 residential grant to relocate homesite &/or septic away from riparian area. Q2 – 3 residential grants to relocate homesite &/or septic away from riparian area. Q1 - 6 residential grants to relocate homesite &/or septic away from riparian area.	\$19,149	\$12,000	\$5,000		\$36,149
	REDUCE FIRE RISK / IMPROVE RELIABILITY Relocate Overhead Electric Service to Underground Q3 and Q2 – NA Q1 - 2 residential grants to assist with undergrounding electric service.	\$14,810	\$0	\$0		\$14,810
		\$33,959	\$12,000	\$5,000		\$50,959

ENERGY AND WATER LOANS		Q1	Q2	Q3	Q4	TOTAL YTD
	EWEB ENERGY EFFICIENCY PROGRAMS⁵ Loans – Residential Q3 – 73 residential energy efficiency loans. Q2 – 88 residential energy efficiency loans. Q1 - 80 residential energy efficiency loans.	\$403,634	\$579,442	\$492,656		\$983,076
	EWEB WATER CONSERVATION PROGRAMS Water Line Repair & Septic Repair/Replacement Loans Q3 – 7 water line repair projects. Q2 – 9 water line repair projects. Q1 - 9 water line repair projects.	\$34,322	\$31,658	\$33,172		\$65,980
	EWEB RESILIENCY PROGRAM Generator Loan Program Q3 – NA Q2 – 2 residential generator loans. Q1 - 2 residential generator loans.	\$6,000	\$6,000	\$0		\$12,000

⁵ EWEB Energy Efficiency Programs relate to City of Eugene’s CAP2.0 Building Energy action item B12.



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	EWEB ELECTRIC SERVICE LINE UPGRADE LOAN PROGRAM Electric Service Line Upgrade Loan Program Q3 – 2 residential electric service upgrade loans. Q2 – 5 residential electric service upgrade loan. Q1 - 2 residential electric service upgrade loan.	\$5,295	\$17,944	\$6,050		\$23,239
		\$449,251	\$635,044	\$531,878		\$1,616,173



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SYSTEM DEVELOPMENT CHARGE (SDC) WAIVERS⁶

TOTAL YTD \$32,733		
Q3	DEV NW Nelson Place EWEB approved a water SDC waiver of \$4522 for two single family homes being built as part of Phase I of the Nelson Place low-income housing project off Royal Avenue. This DEV NW project is the first home-ownership low-income development model in our community, with a total of 44 homes planned for the subdivision. Total project costs for Phase I are over \$4M.	\$4,522
	Q3 TOTAL	\$4,522
Q2	HOMES FOR GOOD Coleman Project at Roosevelt and Highway 99 This is a 52-unit housing project serving low-income people with criminal histories, with a total development cost of approximately \$22M.	\$18,211
	Q2 TOTAL	\$18,211
Q1	EVERYONE VILLAGE Everyone Village is a new not-for-profit shelter for people exiting homelessness in West Eugene. Their work enhances the community's vitality by getting people off the streets and back into flourishing roles in the community. The discount of the contribution-in-aid of \$5k allows them to purchase an additional dwelling with electricity to expand the long-term sheltering capacity. Everyone Village currently shelters nearly 50 people.	\$5,000
	CITY OF EUGENE 410 Garfield Street The City of Eugene opened the safe sleep site located at 410 Garfield Street on Feb. 22. The site is operated by St. Vincent de Paul and provides residents with a tent, sleeping bag, chair, table, and heater, plus bathrooms and one hot meal a day.	\$5,000
	Q1 TOTAL	\$10,000

⁶ EWEB’s System Development Charge Waiver programs relate to City of Eugene’s CAP2.0 action item T12.



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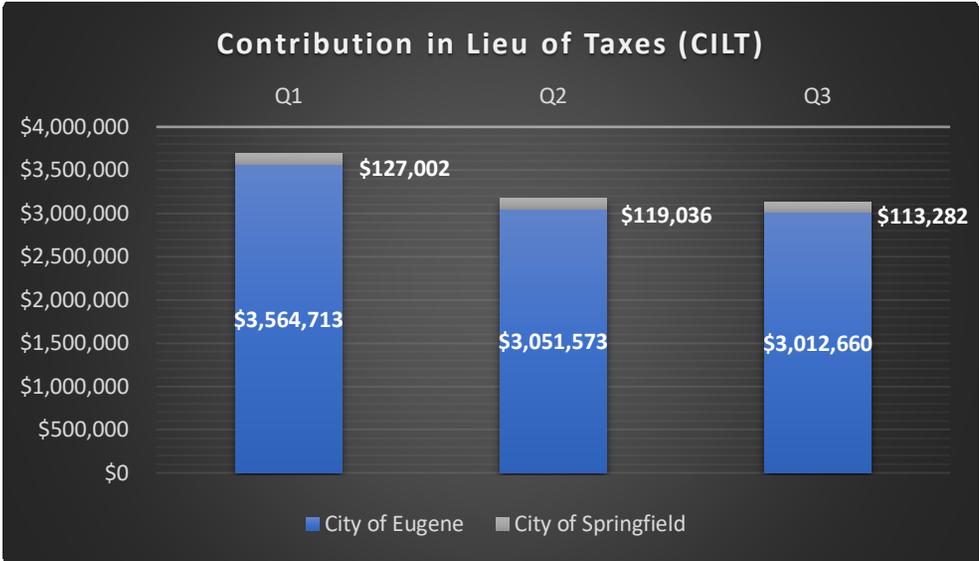


CONTRIBUTIONS IN LIEU OF TAXES (CILT)

TOTAL YTD \$9,988,266

YEAR TO DATE

City of Eugene	\$9,628,946
City of Springfield	\$359,321





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EWEB AMBASSADOR EFFORTS AND EVENTS (PAID)

EWEB Ambassadors provided almost 700 hours of services to the Community year to date.⁷

Q3	REV UP! EUGENE WORKSHOP <i>Community Event / Workshop</i> 09/22/22 - Not sure if an Electric Vehicle (EV) is right for you? Join the Emerald Valley Electric Vehicle Association, EWEB, and other partners for a free virtual workshop and get all your questions answered.
	FAIRMOUNT NEIGHBORHOOD ASSOCIATION <i>Meeting</i> 09/20/22 - GM Lawson, Commissioner Barofsky and additional EWEB staff presented updates and answered community questions on Emergency Water Stations, the McKenzie Watershed, and electrification.
	SOUTHEAST NEIGHBORS ASSOCIATION <i>Annual Picnic</i> 09/17/22 - EWEB staff were on hand at the Southeast Eugene Neighbors picnic to share information on wildfire preparedness and more.
	SHELDON EMERGENCY WATER STATION <i>Grand Opening</i> 09/10/22 - Free event to learn about EWEB's new emergency water station. Attendees received a complimentary 3-gallon water storage container.
	FRIENDLY AREA NEIGHBORS & SOUTH HILLS NEIGHBORHOOD ASSOCIATION <i>Annual Picnic</i> 08/21/22 - EWEB staff will provide information on Emergency Water Stations, EV, and EE programs and more during the neighborhood picnic. The event was held at Washington Park from 4:30 - 7:30 pm.
	EV GUEST DRIVE <i>Electric Vehicle Information Event</i> 08/20/22 - EWEB customers can test drive the latest makes and models of electric vehicles or attend mini-workshops to learn more about electric vehicles costs, types, range, purchasing options, and incentives and rebates. This event is part of EWEB's commitment to bringing the benefits of clean, electric transportation to our community.

⁷ Many of the events listed in this section of Appendix G relate to City of Eugene’s CAP2.0 action items T24/T36 (electric vehicle marketing and awareness), B12 (energy conservation programs) and R20 (emergency water supply).

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<p>LANE COUNTY FARMERS MARKET Community Event 8/13, 09/10, 10/01,10/22, 11/05 - EWEB will be at the Lane County Farmers Market to share information on our Lead Green and Live Green Programs on Saturdays, monthly, from August to November.</p>
<p>HOMES FOR GOOD Community Night Out 08/11/22 from 4-7 pm at Alton Baker Park. Homes for Good is Lane County's housing agency and provides access to affordable and subsidized housing to low-income individuals and families. The 3rd Annual Community Night Out celebration features a community resource fair, games and activities for kids, music, BBQ provided by Homes for Good, fun raffles and more. EWEB had 2 team members hosting a table.</p>
<p>AFFILIATED TRIBES OF NORTHWEST INDIANS (ATNI) 2022 ATNI Changing Currents: Youth Tribal Water Education Summit 08/09/22 - EWEB staff led a Native American student group on a tour of Lloyd Knox Park and provided information and Q&A on how EWEB manages water for the City of Eugene and the Leaburg-Waltermville and Carmen-Smith Hydroelectric Projects including how the local dam, canal intake, and fish passage facilities work. Discussions also addressed cultural resource management (wildlife, vegetation, and archaeological) at the hydro facilities.</p>
<p>NATIONAL NIGHT OUT Annual Law Enforcement Event 08/02/22 - Every year on the first Tuesday in August, the United States and Canada celebrate National Night Out day. Civilians, organizations, and the Metropolitan Police Department join hands to enhance the relationship between neighborhoods and communities. They look at this as a great way to bring everyone together for a positive cause. EWEB will have a table at the event with staff to share information on our Energy Efficiency and Electric Vehicle programs.</p>
<p>OREGON ASIAN CELEBRATION Festival 07/30/22 - The 37th annual Oregon Asian Celebration includes cultural performances, Asian cuisine, martial arts, arts and crafts, youth activities, and a marketplace of more than 50 vendors. EWEB staff will be on hand to share information on our Energy Efficiency and Electrification programs.</p>
<p>U OF O SCHOOL OF ARCHITECTURE & ENVIRONMENT Tour of EWEB's Roosevelt Operations Center Property, Environmental, Fleet and Facilities staff provided a tour/presentation of the ROC to UO architecture design students focused on the building design as it relates to sustainability and resiliency.</p>
<p>DOWNTOWN NEIGHBORHOOD ASSOCIATION Meeting 07/27/22 - Customer Solutions Specialist Sarah Helmers and Customer Relationship Rep Caitlin Pratt spoke at the Downtown Neighborhood Association meeting in the new Farmers Market Pavilion. Sarah gave a brief history of EWEB's tradition of energy conservation and shared information on our E-bike and EV rebate programs. Caitlin gave a rundown of our Green Options.</p>



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	<p>JEFFERSON-WESTSIDE NIEGHBORS Annual Picnic 07/26/22 - Water Engineer Nathan Endicott and Communication Specialist Robyn Smith staffed a table at the Jefferson Westside Neighborhood Picnic. They shared information on our Emergency Water Stations and raffled off water storage containers.</p> <p>PNW LINEMAN RODEO Lineman Competition 07/23/22 - The PNW Lineman Rodeo is a philanthropic opportunity for comradery amongst utilities. It’s also an opportunity for public education. A three-man journeyman crew from EWEB took 15th place at this year’s Pacific Northwest Lineman Rodeo on July 23 at Portland General Electric’s training course in Gresham. It was the first time the rodeo has been held in two years because of the COVID-19 pandemic. Proceeds from the event are donated to the Portland Burn Center.</p> <p>LANE COUNTY FAIR Water Booth 07/20/22 – 07/24/22 - EWEB will be providing equipment and volunteers for the Lane County Fair water booth in partnership with SUB and Rainbow Water District.</p> <p>CITY OF EUGENE AND EVENT CONTRACTORS Eugene Riverfront Festival and World Athletics Championships Oregon 22 EWEB deployed our water distribution trailer for the Eugene Riverfront Festival that took place during the World Championships. Fans could get their reusable water bottles filled up at the trailer staffed by EWEBers.</p> <p>BUTTE TO BUTTE Annual Road Race 07/04/22 - EWEB provided technical support for the annual Butte to Butte road race on July 4 (water quality sampling and day of support connecting two water station sites to the point of delivery).</p>
<p>Q2</p>	<p>EMERALD VALLEY ROTARY CLUB Meeting 06/22/22 - Staff presented information on the sale and disposition of HQ.</p> <p>DOWNTOWN ROTARY CLUB Meeting 06/21/22 - Staff presented information on electrification.</p>

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<p>EWEB AND LANE COUNTY Inauguration of Emergency Water Station at Lane County Fairgrounds 06/18/22 - EWEB, in partnership with Lane County, opened a new emergency water station at the Lane Events Center (Fairgrounds). Area neighbors were invited to the grand opening to see how the station works and learn about preparing for emergencies.</p>
<p>4J, BETHEL, SPRINGFIELD, AND MCKENZIE SCHOOL DISTRICTS EWEB EV Challenge 06/09/22 – Staff represented EWEB at EWEB’s annual EV Challenge event which included participants from 4J, Bethel, Springfield, and McKenzie school districts.</p>
<p>REV UP! EUGENE WORKSHOP Community Event / Workshop 06/07/22 - The Emerald Valley Electric Vehicle Association, EWEB, and other partners present free virtual EV workshops highlighting the benefits of owning an EV, key considerations when shopping for an EV, range, batteries and charging, and financial incentives.</p>
<p>LEABURG LISTENING SESSION Opportunity for public feedback 05/28, 06/14, 06/25, 07/12, 07/30, 08/09, 09/12, 09/13, 09/27, 09/28, 10/06 - EWEB is hosting listening sessions at EWEB's Lloyd Knox Park at Leaburg Lake where EWEB staff will be available to share more information about the Leaburg Canal project and hear the thoughts and concerns of customers and interested parties throughout late spring and summer.</p>
<p>ELECTRIC CAR GUEST DRIVE EV Guest Drive 05/21/22 - The EV Guest Drive event featured a wide variety of electric cars, including the Tesla Model 3 and other popular electric cars from various manufacturers. Educational representatives were available to discuss methods of charging EVs at home, work and in public. Another EV Guest Drive event will be held on August 20, 2022.</p>
<p>CITY OF EUGENE E-bike Expo 05/20/22 - EWEB staffed a table on our various programs, including our transportation electrification (Move Green) efforts and our new e-bike rebate.</p>
<p>REV UP! EUGENE WORKSHOP Community Event / Workshop 05/11/22 - EWEB provides financial support for these workshops and attends them periodically. We attended the May 11th workshop to speak on our transportation electrification (Move Green) efforts, including our May 21st EV test drive event.</p>
<p>EUGENE SCIENCE CENTER Electric Vehicle and Sustainability Show 05/07/22 - EWEB provided a presentation on our transportation electrification (Move Green) efforts and staffed a table on all our general programs from 10-4 pm at the Eugene Science Center.</p>

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	<p>ST. VINCENT DE PAUL'S IRIS PLACE EV Car Sharing Grand Opening Event 05/06/22 - EWEB's partnership with Forth Mobility brought three electric car sharing stations to Eugene, including a dedicated station for residents of St. Vincent de Paul's Iris Place.</p>
	<p>350 EUGENE "Plug Into the Future" Town Hall 04/24/22 – EWEB provided a speaker to present on EWEB’s EV programs and staffed an information table from 2-4 pm. The event took place at the Campbell Community Center.</p>
Q1	<p>FRIENDS OF TREES Tree-planting at Mangan Park & Surrounding Neighborhoods 03/26/22 – Dozens of volunteers, including 2 EWEB staff, gathered on March 26 to put the Greenpower grant awarded to Friends of Trees in 2021 to use and help green up Eugene’s streets. FOT and volunteers planted cherry and magnolia trees in NW Eugene neighborhoods that have historically lacked canopy cover. These trees will help to reduce the urban heat island effect, remove air pollution, and provide shade to keep houses cooler – reducing energy costs in the summer.</p>
	<p>SOUTHEAST NEIGHBORHOOD (SEN) ASSOCIATION Pledge to Prepare Presentation 03/08/22 – Staff presentation to neighborhood association.</p>
	<p>CHURCHILL NEIGHBORHOOD ASSOCIATION Pledge to Prepare Presentation 02/17/22 – Staff presentation to neighborhood association.</p>
	<p>LAUREL HILL NEIGHBORHOOD ASSOCIATION Pledge to Prepare Presentation 02/16/22 – Staff presentation to neighborhood association.</p>
	<p>MCKENZIE FIRE & RESCUE Emergency Response Planning Presentation 01/26/22 – Presentation to Emergency Responders regarding Electric and Dam Safety topics.</p>
	<p>WHITEAKER COMMUNITY NEIGHBORHOOD ASSOCIATION Pledge to Prepare Presentation 01/12/22 – Staff presentation to neighborhood association.</p>



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VOLUNTEER EFFORTS AND EVENTS (UNPAID)

EWEB employees, friends and families have volunteered in the Community at least 115 hours year to date.

Q3	SPECIAL OLYMPICS OREGON Bocce Regional Competition 07/20/22 - 33 EWEB volunteers kept score, measured distances, and determined points for each round. The event was 1 of 13 regional championship competitions in the sports of athletics, bocce, golf, and softball for Special Olympics Oregon athletes in the summer season. There were athletes from 7 local programs competing in this bocce competition. The event was an opportunity for athletes to showcase their skills and have fun!
Q2	EWEB ENERGY SHARE Bake Sale 05/25/22 – EWEB staff coordinated an internal bake sale to raise money for EWEB’s Energy Share Program. Twenty-three people provided the goodies that helped raise \$1169. Energy Share funds are used by customer service staff to help customers who are in need of assistance but do not qualify for standard assistance programs.
Q1	No events in Q1.



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WATER TRUCK AND ELECTRIC TRAILER DEPLOYMENT

Q3	<p>LANE COUNTY WASTE MANAGEMENT DEPARTMENT Electric Safety Demonstration 09/27/22 - EWEB's electric safety trailer is an interactive tool for the public to learn how to react in a potentially dangerous situation. It demonstrates electric voltage conducted from wires and transformer boxes and helps educate public workers, first responders, and community members about what to look for, what to do and how to be safe when it comes to electricity.</p> <hr/> <p>JOINT EMERGENCY WATER TRAILER EXERCISE WITH EWEB AND NATIONAL GUARD Drill 09/22/22 - EWEB deployed the Emergency Water Treatment Trailer & Distribution Trailers on the Willamette River in a joint effort with the National Guard to prove the efficacy of the partnership in the event of an actual emergency.</p> <hr/> <p>CITY OF EUGENE AND EVENT CONTRACTORS Eugene Riverfront Festival and World Athletics Championships Oregon 22 07/15-07/24 - EWEB deployed our water distribution trailer for the Eugene Riverfront Festival that took place during the World Championships. Fans could get their reusable water bottles filled up at the trailer staffed by EWEBers.</p> <hr/> <p>WEST LANE OREGON DEPARTMENT OF FORESTRY Electrical Power Line Safety Demonstration / Training 07/13/22 - EWEB staff presented a demonstration of the EWEB Electric Trailer focused on electrical power line safety in regard to wildland fire fighting to a group of 35 ODF employees.</p>
Q1-Q2	No events in Q1 or Q2.



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UPCOMING AND/OR COMMITTED EFFORTS AND INVESTMENTS

<p>REV UP! EUGENE WORKSHOP Community Event / Workshop 11/21/22 - The Emerald Valley Electric Vehicle Association, EWEB, and other partners present free virtual EV workshops highlighting the benefits of owning an EV, key considerations when shopping for an EV, range, batteries and charging, and financial incentives.</p>
<p>EWEB CUSTOMER CARE Run to Stay Warm 11/20/22 - This annual Eugene tradition started 16 years ago and was organized by EWEB to support our Customer Care Program, helping income-qualifying individuals who are struggling to pay their utility bills and stay warm through the cooler months. Several years ago we began contracting with Eugene Marathon to organize this event but proceeds from the event still help fund Customer Care!</p>
<p>SPRINGFIELD REALTORS Continuing Education Event 10/25/22 - The event is scheduled from 3:30-4:30pm at the Holiday Inn Express. EWEB will be on hand to discuss residential energy efficiency and EWEB conservation rebate/loan programs.</p>
<p>SOUTH EUGENE HIGH SCHOOL Tour of Hayden Bridge Water Filtration Plant 10/20/22 - SEHS's Environmental Science class toured the Hayden Bridge Water Filtration Plant and learned how we treat and filter the McKenzie River's already pristine water for our roughly 200,000 customers.</p>
<p>MCKENZIE WATERSHED COUNCIL Great Willamette Cleanup - McKenzie River Cleanup 10/15/22 - EWEB Volunteers and their families joined McKenzie Watershed Council, Willamette Riverkeepers and McKenzie Flyfishers in cleaning up trash and debris at Lloyd Knox Park in Leaburg.</p>
<p>WHITAKER LANE COUNTY HEAD START Open House 10/06/22 - EWEB staff provided information on EWEB's Customer Care program, energy efficiency and weatherization.</p>
<p>SUN IN THE PARK Festival 10/02/22 - Transportation event at the Amazon Community Center. EWEB staff provided information on electric vehicles, energy efficiency, e-bikes, and the Lead Green program.</p>
<p>EWEB PUBLIC POWER WEEK Poster Contest</p>

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10/02-10/08 - After a two-year pandemic hiatus, EWEB once again held our Public Power Week Poster Contest for 5th grade students within our service territory. Public Power week is a great opportunity for us to recognize the importance of community-owned utilities like EWEB! EWEB received more than 100 entries from classrooms across the area. Five winners were selected from the top 20 finalists through internal and external voting. Each winner will receive a plaque and gift certificate delivered by one of EWEB's Commissioners.





ELECTRIC DIVISION | Q3 2022

APPENDIX H

ELECTRIC DIVISION DETAILS

ELECTRIC SAFETY & RELIABILITY FROM SOURCE TO SWITCH!

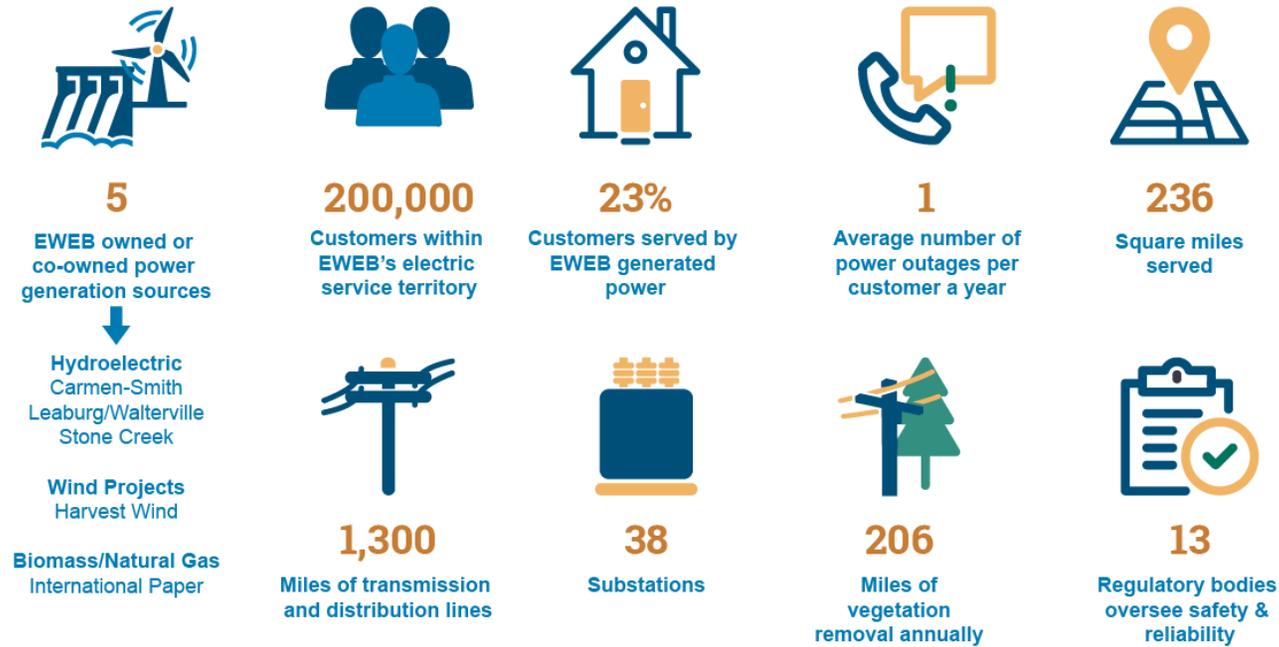
The Electric Operations Division aims to provide safe, reliable electricity to customers 24/7/365 and reduce the operational risks to public safety while being good stewards of our customer/owner's infrastructure and funding resources.



Source to Switch



Safe. Clean. Reliable.



Your electric bill supports clean, safe, and reliable power from source to switch.

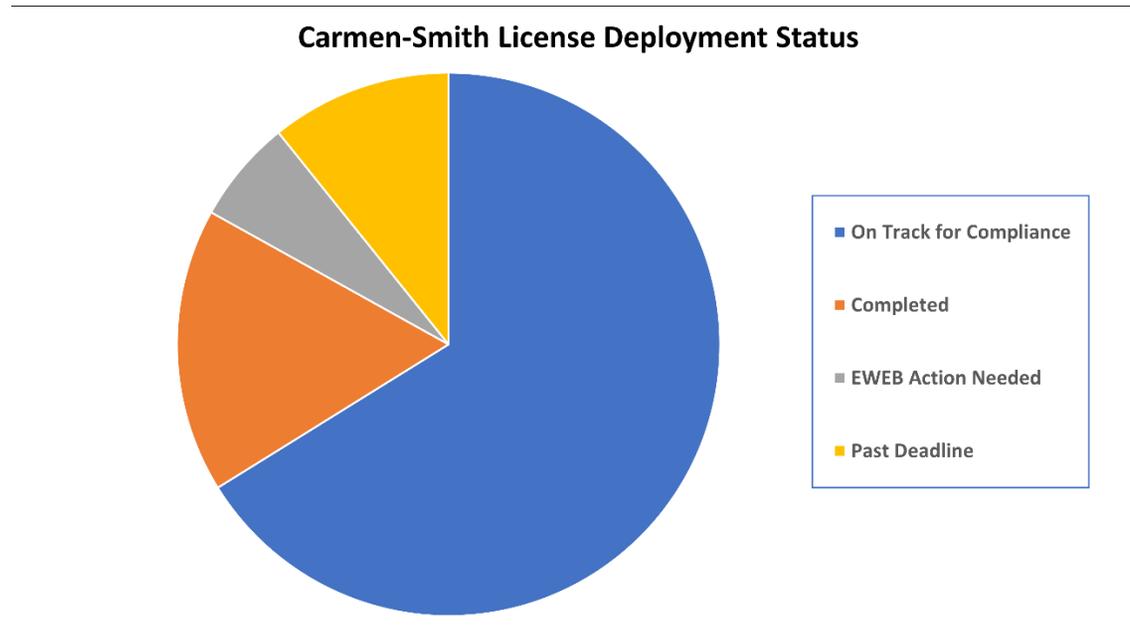


ELECTRIC DIVISION | Q3 2022

APPENDIX H

Source

EWEB has many sources of power generation that require careful attention to ensure our resources remain available, safe for use, and comply with multiple agency regulations, while mitigating the impact of resource use on our environment. To achieve this, staff from multiple departments work to monitor these sources, identify, and mitigate factors that influence their availability, and ensure compliance to ultimately optimize their use as a source of power generation to meet load requirements.



EWEB action needed – Action is needed to get project on track and in compliance. Extension of time requests will need to be submitted or resubmitted.
Past Deadline – Past License required deadline. EOT request submitted, but FERC has not yet responded.

Production

EWEB generates around 20 percent of the community's power using EWEB-owned or co-owned resources. The power generation process includes redundancy to protect from process failures and is closely monitored and constantly adjusted to meet regulatory requirements, including Dam Safety. The remaining 80 percent comes from power purchase agreements, with the vast majority of purchased power coming from Bonneville Power Administration. The purchasing and trading processes require constant monitoring and adjustment to balance with our generation ability and customer demands.

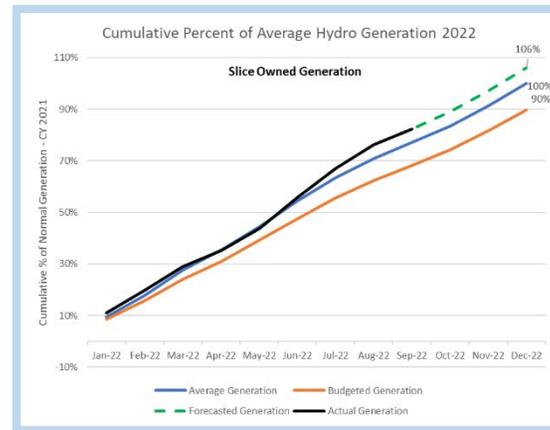
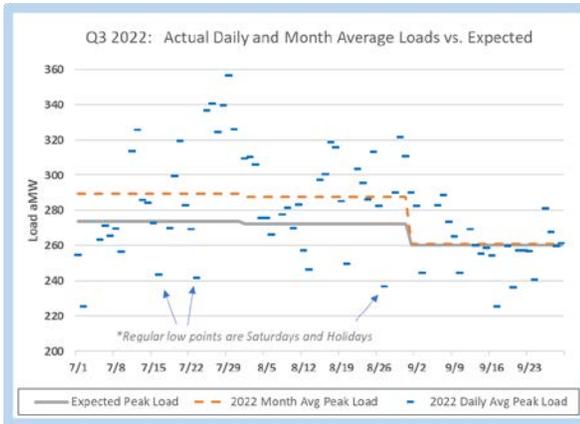
Graph 1: July-Sep 2022
Actual Load vs. Expected



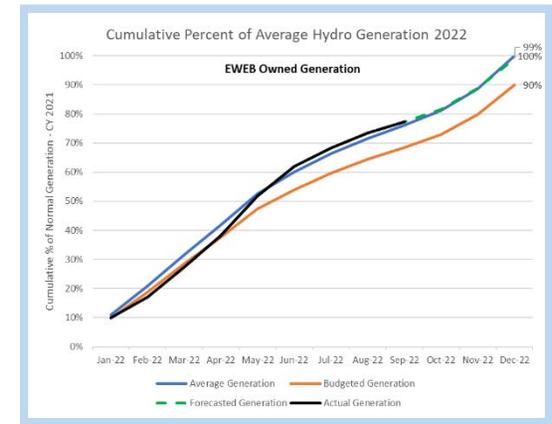
ELECTRIC DIVISION | Q3 2022

APPENDIX H

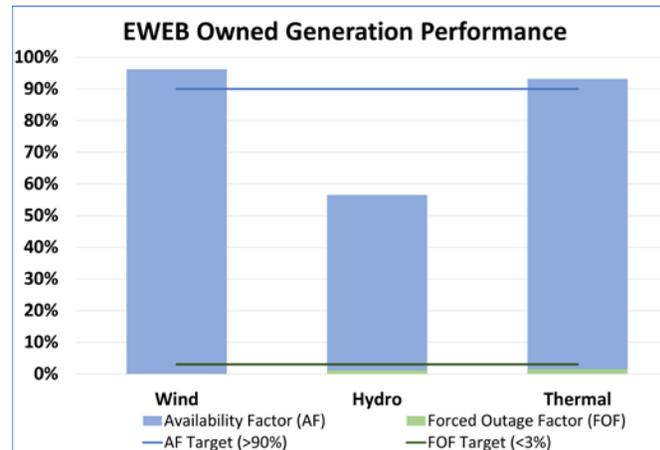
Graph 2: Hydro Generation – Columbia River



Graph 3: Hydro Generation – McKenzie River



Graph 4



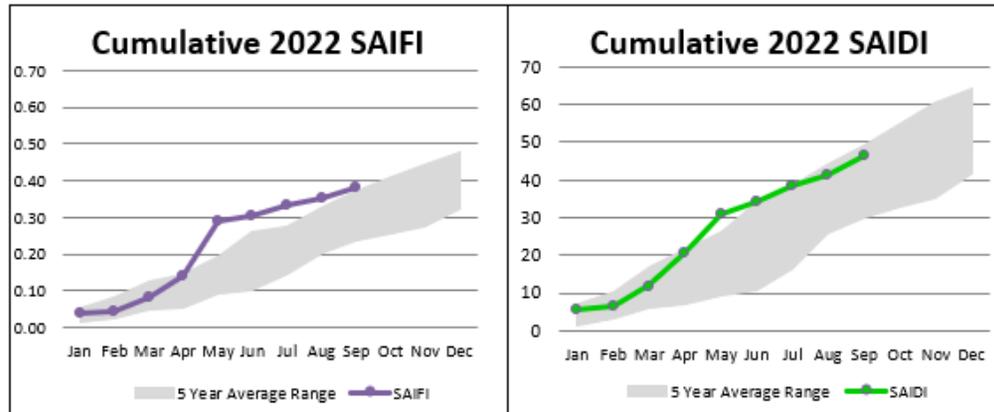
Transmission & Distribution

Once the electricity is generated or purchased, safety and reliability must be maintained as it is delivered to EWEB customers. Assessing, testing, maintaining, repairing and replacing infrastructure are critical aspects of the program to ensure safety, reliability and meet customer demands.



ELECTRIC DIVISION | Q3 2022

APPENDIX H



SAIDI & SAIFI Reliability Indices slightly above 5 yr. average. Main drivers:

- Trip due to osprey nest on Thurston Substation feeder. This included tripping the Hayden Bridge plant offline. Due to this circuit being a high fire risk circuit, patrol time was longer than standard.
- Trip on Dillard feeder; no definitive cause found. Due to circuit being a high fire risk circuit, patrol took longer than standard.

Monitoring & Compliance

Monitoring the electric grid is essential to ensuring safe and reliable service to EWEB's customer/owners. Monitoring data gives electric operations staff the ability to adjust generation and system operation to safeguard service for public and employee safety as well as meeting customer demands. Compliance with all North American Electric Reliability Corporation, Public Utility Commission, and other health/safety/environmental requirements is key to ensuring service reliability and public safety.

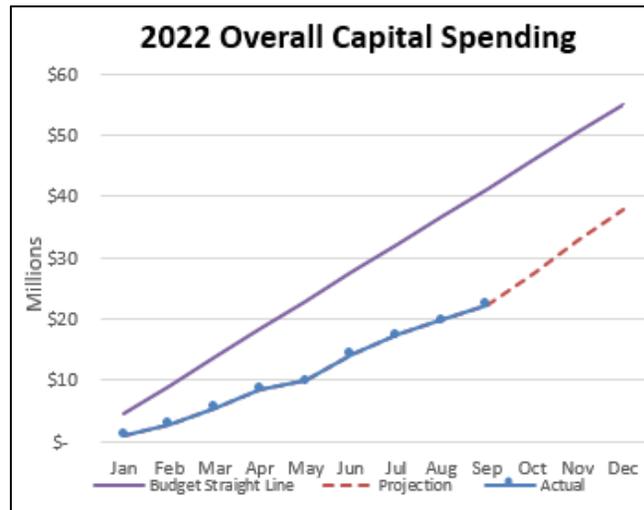
Resiliency, Planning & Emergency Preparedness

Natural hazard and security response mitigation plans along with resiliency plans are a final barrier in place to protect the safety and reliability of our service. The Master Plan and Capital Plan ensure investment in our infrastructure is prioritized in both the short and long term to ensure continued reliable service to our customer/owners.



ELECTRIC DIVISION | Q3 2022

APPENDIX H



Support Services

To ensure the smooth delivery of safe and reliable electricity to our customers, the help of several supporting departments is needed.

Switch (Customer)

The Electric Division’s mission is to provide safe, reliable electricity to our customers while serving as stewards of utility assets and infrastructure using the Source to Switch approach. This final section includes data and information that points to the customer’s experience with the Electric Division.

Dept	Category	Metric	Q1 Final	Q2 Final	Q3 Final	Explanation for Not Meeting Target
Substation	Customer Response:	Complete all NERC battery testing in Q1	●	●	●	
	Work Queue:	Complete Power Transformer Maintenance	●	●	●	
Relay	Customer Response:	Test 86 NERC Devices annually	●	●	●	
	Work Queue:	Test 331 non-NERC Devices annually	●	●	●	
Transformer	Customer Response:	Stage crew material within 24 hours of request	●	●	●	
	Work Queue:	Prepare all Scrap Material Quarterly	●	●	●	
	Work Queue:	Glove Testing	●	●	●	
	Work Queue:	Grounds	●	●	●	
	Work Queue:	Insulated Mechanical Jumpers	●	●	●	



ELECTRIC DIVISION | Q3 2022

APPENDIX H

	Turn Around:	Complete Live line tool testing within 3 days	●	●	●	
Line	Customer Responses:	Customer driven project "wait time" less than 3 weeks	●	●	●	
	Customer Response:	Line crew emergent call out less than 30 minutes	●	●	●	Staffing Limitations
	Customer Response:	No Line Crew Call Out Greater than 60 minutes	●	●	●	Staffing Limitations
	Work Queue:	Complete 100% of PM's for Network	●	●	●	Staffing Limitations
	Work Queue:	Complete 100% of Switch inspections on distribution system	●	●	●	Process Limitations or Issues
	Work Queue:	Complete 100% scheduled feeder PUC corrections	●	●	●	Competing Emergent Work
	Safety:	Reduce lost time days below 3-year average	●	●	●	
	Safety:	Complete & turn in 11 tailboards per crew each month	●	●	●	
Meter	Work Queue:	Site Visits/PUC audits	●	●	●	
	Work Queue:	Meter Testing (SPH) meters coming to shop - new	●	●	●	
	Work Queue:	Meter Testing (3Ph) meters coming to shop - new	●	●	●	Staffing Limitations
	Work Queue:	Meter Testing Refurbished (SPH & 3Ph)	●	●	●	
	Work Queue:	Tamper Checks	●	●	●	
	Work Queue:	Recheck New installed CT jobs	●	●	●	
	Work Queue:	Investigating zero consumption	●	●	●	
Vegetation Management	Customer Response:	Back log for plan less than 8 weeks	●	●	●	
	Work Queue:	Vegetation plan greater than 23 miles per month	●	●	●	Staffing Limitations
	Work Queue:	Wildfire Plan	●	●	●	
	Work Queue:	Circuit Inspections Upriver	●	●	●	
	Turn Around:	Customer Tags response less than 48 hours	●	●	●	

Landscape	Customer Response:	Incoming Jobs - 15-20 per quadrant (Internal)	●	●	●	
	Work Queue:	Contractor mowed & inspected	●	●	●	
	Work Queue:	Cycles of Daily work	●	●	●	
	Turn Around:	Customer Jobs Turnaround Time (External)	●	●	●	
Dispatch	Training:	Processing switching orders less than 3 days	●	●	●	Competing Emergent Work
Electric Operations	Customer Response:	First Responder Emergent Call out Response	●	●	●	
	Work Queue:	Complete Planned Transmission Patrol	●	●	●	
	Work Queue:	Complete Planned Feeder Patrol	●	●	●	
	Work Queue:	Complete Wildfire Inspections by End of Q1	●	●	●	



ELECTRIC DIVISION | Q3 2022

APPENDIX H

Systems Engineering	Customer Response:	System Event Response *what events & responses? Needs to be clearly defined	●	●	●	
	Work Queue:	Complete all NERC battery testing review and recommendations in Q2 (April-May-June)	●	●	●	
	Work Queue:	Review PRC-27 relay studies	●	●	●	
	Work Queue:	Transmission line clearance & loading verification	●	●	●	
	Work Queue:	Feeder Studies	●	●	●	
	Work Queue:	Complete review of current month of NERC relay testing	●	●	●	
	Work Queue:	Complete review of current month of Non-NERC relay testing	●	●	●	
Distribution Engineering	Customer Response:	Customer Inquiries response within 1 business day	●	●	●	
	Customer Response:	High Level Estimate Vs. Actual Bill +/- 15% Variance	●	●	●	
	Work Queue:	Customer (Int/Ext) Design Requests assigned within 8 weeks	●	●	●	
	Turn Around:	High Level Estimates provided within 3 business days	●	●	●	
NERC Compliance	Work Queue:	Incomplete/Past Due NERC Specific Tasks	●	●	●	
	Work Queue:	Internal Control Tasks	●	●	●	
	Turn Around:	NERC Awareness Training Conducted	●	●	●	Competing Emergent Work

WATER DIVISION | Q3 2022

APPENDIX I

WATER DIVISION DETAILS

WATER QUALITY & RELIABILITY FROM SOURCE TO TAP!

The Water Operations Division uses the Multiple Barrier Approach to Safe Drinking Water, an integrated system of procedures, processes and tools that collectively prevent or reduce the contamination of drinking water from source to tap. The purpose of this approach is to provide safe, reliable drinking water to customers 24/7/365 and to reduce the operational risks to public health while being good stewards of our customer/owner's infrastructure and funding resources.



Drinking Water Quality

Safe. Clean. Reliable.

Your tap water costs about a penny a gallon.
But there's a lot more to your water bill than just water.


Source Water Protection Programs


3-Step Treatment Process


800 Miles of Pipes


25 Pump Stations


22 Storage Tanks

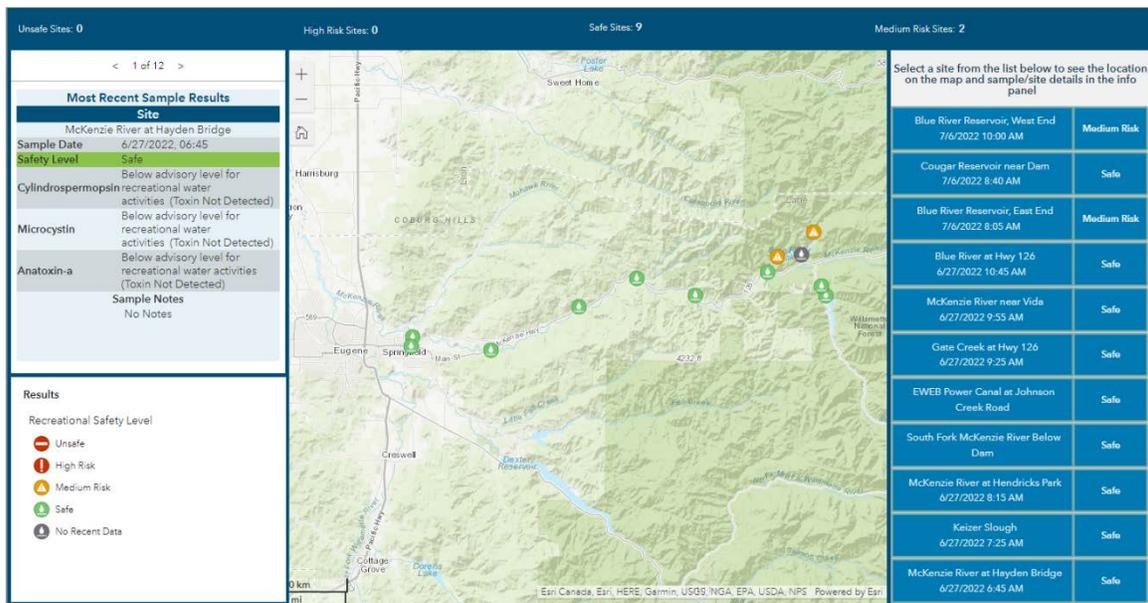

85,000 Samples Each Year

Your water bill supports clean, safe, and reliable drinking water from source to tap.

SOURCE

The purpose of the Source Water Protection Program is to minimize adverse impacts on the source of our community's drinking water. Specifically, the program aims to 1) identify and understand the threats to our drinking water through watershed monitoring and 2) reduce the risk of pathogens and pollutants entering the treatment plant through source water protection to ultimately manage or reduce the degree of treatment required.

Cyanotoxins: Clear



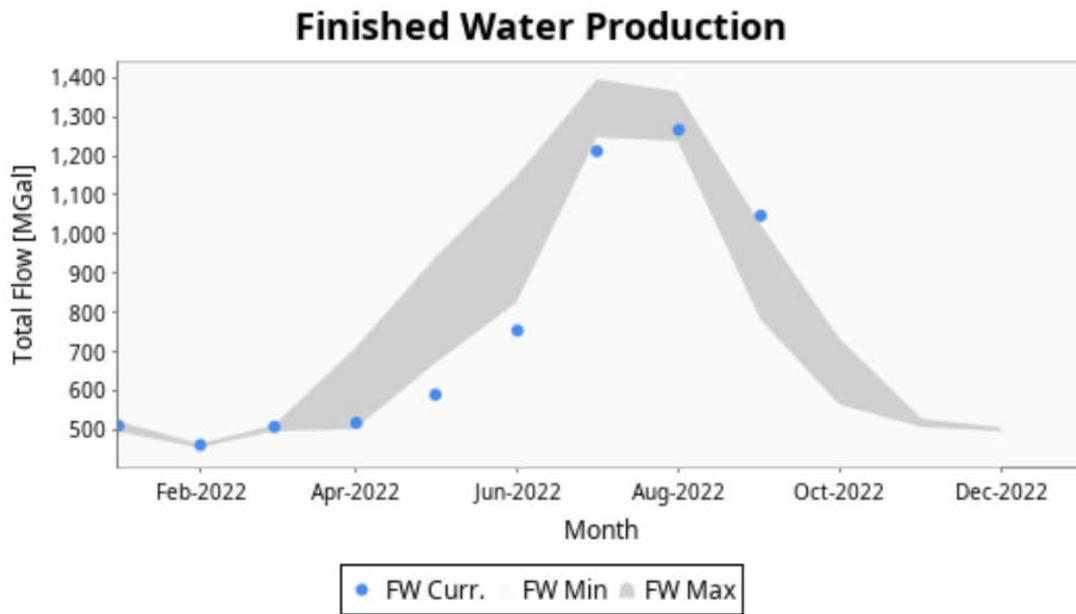


WATER DIVISION | Q3 2022

APPENDIX I

PRODUCTION

McKenzie River water is treated to drinking water standards using conventional treatment trains that include redundancy to protect from treatment failures. The treatment process is closely monitored and constantly adjusted to ensure production of safe drinking water prior to delivery to customers.

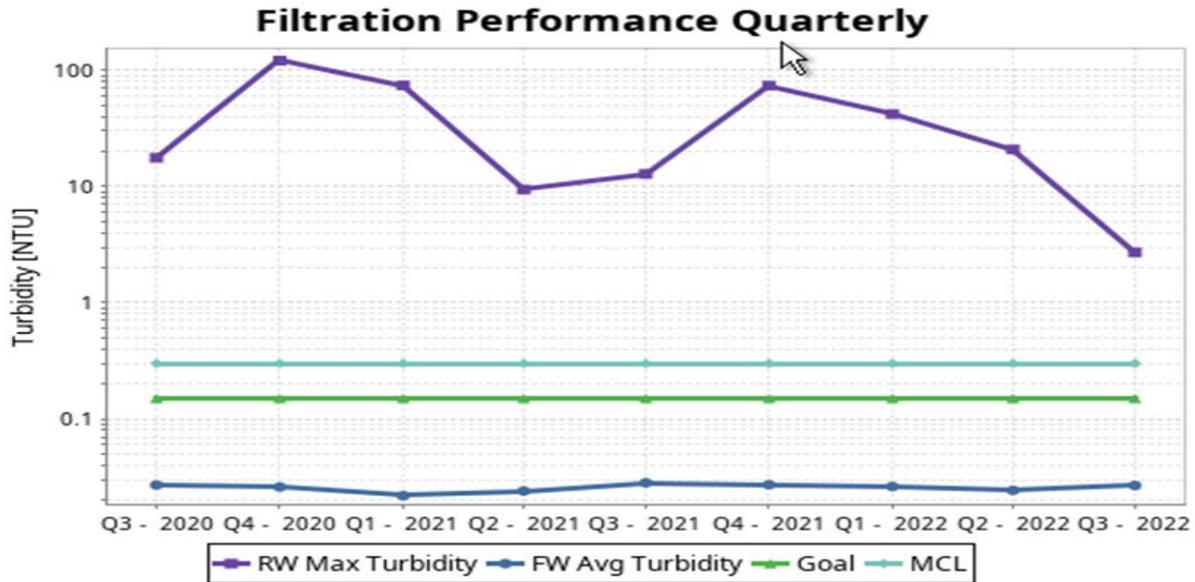


Filtration Performance

Turbidity is a measurement of the clarity of water, which is an important indicator of filter performance that tells us if we are effectively removing microorganisms in the water. The Maximum Contaminant Level (MCL) for turbidity in drinking water is 0.3 NTU in 95% of the samples. The national performance optimization goal for turbidity in drinking water is 0.15 NTU in 95% of the samples. Filtration performance continues to show our filtration process is optimized.

WATER DIVISION | Q3 2022

APPENDIX I



TRANSMISSION & DISTRIBUTION

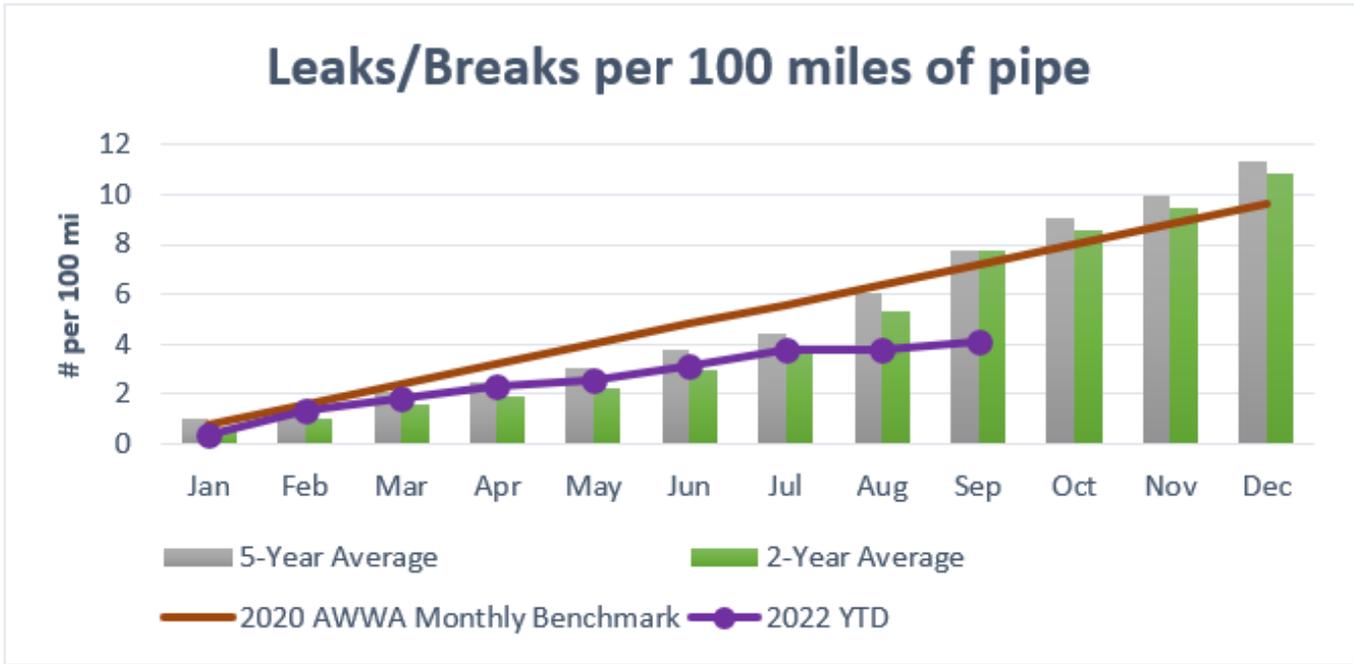
Once the water is adequately treated, the quality must be maintained as it is delivered to EWEB customers. Replacing aging infrastructure, repairing leaks, flushing, maintaining a disinfectant residual and positive pressure, and protecting against cross-connections are critical aspects of the program to ensure water quality, reliability, and adequate fire flow.

There were no significant outages or EWEB caused boil notices during Q3

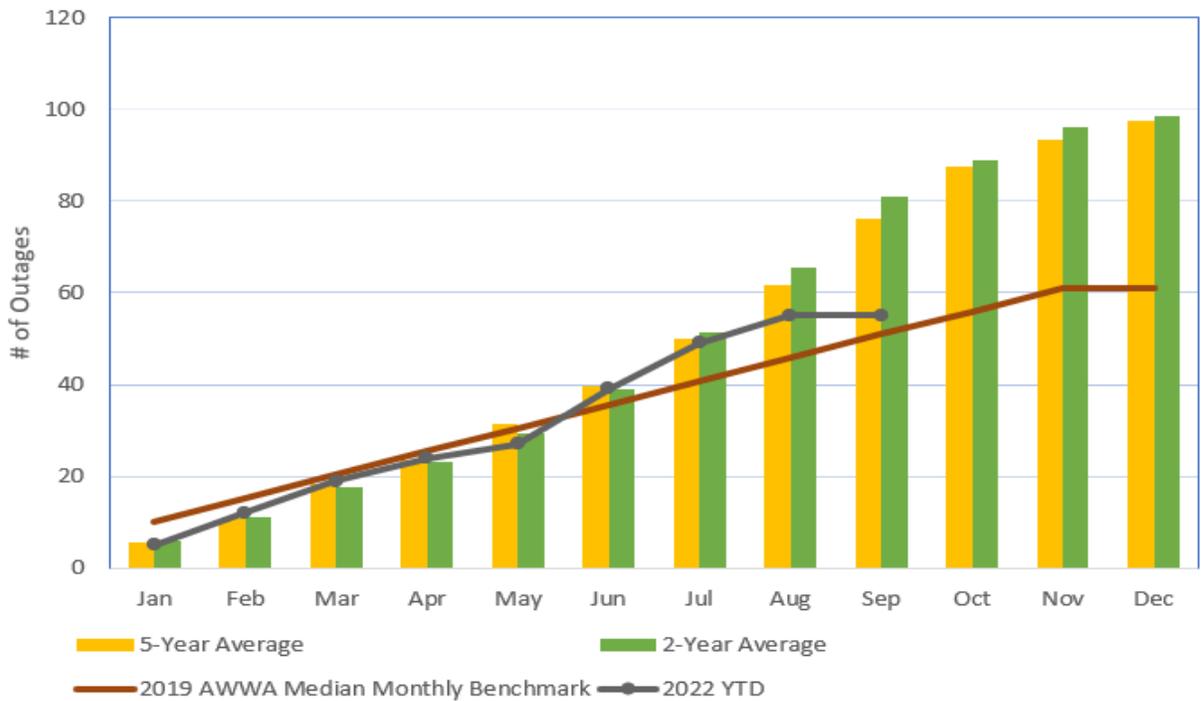
Reliability Metrics		Unit	AWWA Median Benchmark*	EWEB 2-Year Average	YTD Results	On Target?
Water Operations: System Integrity	Leaks and Breaks per 100 Miles of Pipe	#	9.6	11.1	5.9	
Customer Relations: Water Service Disruptions	Minimize Frequency of Unplanned Outages	#	61.1	101	55	
	Average Duration of Unplanned Outages	Minutes	222	118.5	79	
	Percentage of Customers who Experience a Planned or Unplanned Water Outage	%	N/A	3.91%	0.83	
Water Operations: Regulatory Compliance	Boil Water Notices caused by EWEB	# of Notices	N/A	1.0	0	

WATER DIVISION | Q3 2022

APPENDIX I



Minimize Unplanned Outages



Exercising valves is important preventative maintenance because easily identifiable and properly functioning valves can help reduce the size and duration of outages. Efforts to get our Valve Turning program back on track have resulted in us already exceeding our target of 3,800 valves for 2022 by the end of Q3 and our Preventative Maintenance is now ahead of schedule as a result. All 293

WATER DIVISION | Q3 2022

APPENDIX I

Critical distribution valves (16-20”) have been operated and inspected for 2022. The crews also operated and inspected 1,935 distribution system valves in Q2 and an additional 2,003 valves in Q3. This brings our 2022 total to 3,938 valves inspected and operated, which is above our annual projections of 3,800. Arterial transmission valves (30” +) were completed in Q3. System pressure separation valves were completed in Q2, as were reservoir and pump station valves.

Residential backflow testing is critical to ensuring backflow devices properly protect our system from contamination. For Q3 2022 we are at 81% with 8682 tests completed and 10,654 total assemblies.

Reliability Metrics		Unit	Goal	EWEB 2-Year Average	YTD Results	On Target
Customer Relations: Water Service Disruptions	Exercise distribution system valves (2-12”)	18,522	20% Annually	650	3938	
	Exercise critical distribution valves (16-20”)	293	Annually	163	293	
	Exercise arterial transmission valves (30” +)	42	Annually	10.5	42	
	Exercise system pressure separation valves	84	Annually	42	84	
	Exercise reservoir and pump station valves	339	Annually	169.5	339	
Water Operations: Regulatory Compliance	Testing compliance on residential backflow devices	10654	95%	93.3%	81%	

MONITORING & COMPLIANCE

Monitoring the quality of our raw, treated and distributed drinking water is essential to ensuring safe water for EWEB’s customer/owners. Monitoring data gives water operations staff the ability to adjust treatment and system operation to safeguard quality for human consumption. Compliance with all Safe Drinking Water Act requirements is key to protection the public’s health. We track customer complaints as another means to evaluate long-term water quality trends in the distribution system (see Tap/Customer section below).

Safe Drinking Water Act	
Quarter	In Compliance?
Q3	

RESILIENCY, PLANNING & EMERGENCY PREPAREDNESS

Natural hazard and security response mitigation plans along with resiliency plans are a final barrier in place to protect the public if harmful contaminants should make it through the other water system barriers (source water protection, water treatment, water supply system reliability, and water quality monitoring). The Master Plan and Capital Plan ensure investment in our infrastructure is prioritized in both the short and long term to ensure reliable service to our customer/owners.

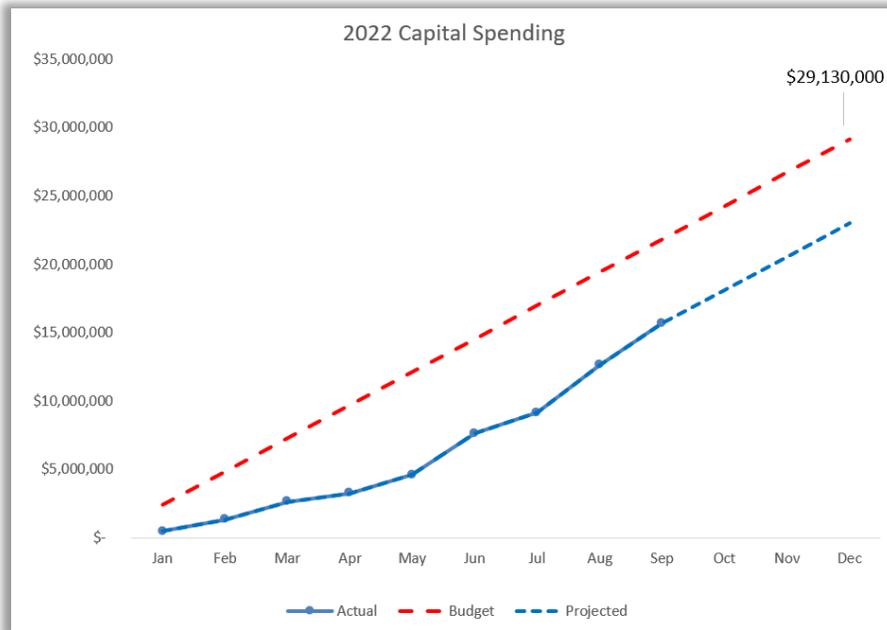
Treatment & Operations staff participated in a Treatment & Distribution trailer deployment drill on Sept. 22nd with the National Guard in September. The treatment trailer was deployed at the Willamette intake site. Water was treated and pumped into a potable water tank that the national guard provided. The guard mobilized to a nearby location where the distribution trailer was connected to simulate a live event. All connections were made, and water delivered without delay.

WATER DIVISION | Q3 2022

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Metric	2022 Goal	YTD Status	On Target
Finalize Implementation of Emergency Response Plan	Q4	In Process	
McKenzie Watershed Spill Drill	Annual	Complete	
Emergency Well Drill (2 sites)	Annual	Complete	
Exercise Emergency Intertie (EWEB, SUB, Rainbow)	Annual	In Process	
Emergency Water Treatment Trailer Exercise	Bi-Annually	Complete	
Emergency Water Distribution Trailer Exercise	Annual	Complete	
Emergency Response Plan Testing & Exercise	Annual	Complete	

Overall, water capital expenditures are projected to end the year at approximately 80 percent of budget. This underage is largely due the contract timing for the E. 40th Reservoir project, which is on schedule, but contractor payments are expected to hit more in 2023. Supply chain issues have mostly affected water’s AMI deployment and the timing of several of our Type 1 facility projects. Significant Type 1 main replacement work is offsetting some of these underages allowing for an over 100% spend on Type 1 work.



See Appendix E – Water Utility EL-1 Capital Report - Shared Services project updates are provided within the Electric Utility Capital section, but the project budget and costs are split between Electric and Water in the appendices.

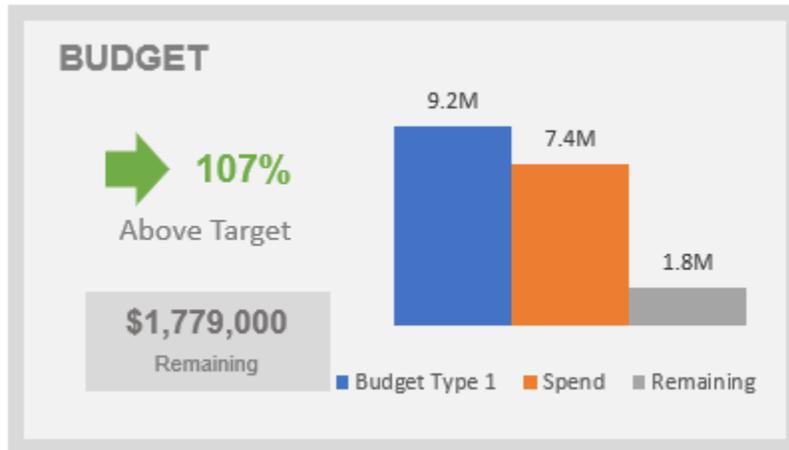
TYPE 1 – General Capital Projects (Water)

Type 1 General Capital is budgeted year-by-year for routine capital expenditures totaling less than \$1 million and is funded with rates and customer contributions. Typical examples include “main replacements” as part of Distribution & Pipe Services. Rising material costs and inflationary pressures added costs broadly to the work in this category. Given some supply chain issues with our Type 1 pump station and reservoir projects, water increased efforts to contract out main replacement work with two contracts coming to the Board in Q3. With these contracts our Type 1 expenditures are anticipated the deficits due to the supply chain issues.



WATER DIVISION | Q3 2022

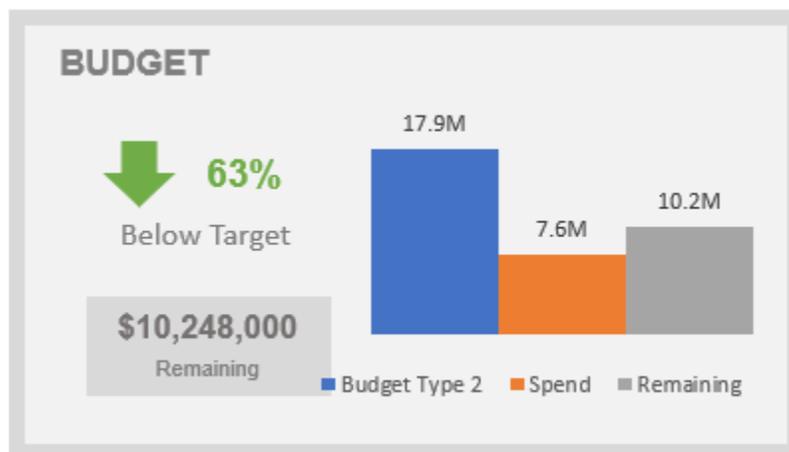
APPENDIX I



TYPE 2 – Rehabilitation & Expansion (Water and Shared Services)

Type 2 capital projects are discrete, with a defined completion period, and lifetime expenditures over \$1 million. Depending on the project, this work may be funded with rates, customer contributions, or bond funds.

Overall water Type 2 Capital Expenditures are projected to come in about 65% of budget at year end. This is largely due to contract timing on the E. 40th Reservoir and Hilyard Street Transmission Main. The E. 40th Reservoir project is on schedule and the Hilyard Street transmission main is being coordinated with the reservoir project and the city street rebuild of Hilyard Street. In addition, the AMI project is significantly being affected by supply chain issues resulting in much lower productivity/expenditures than anticipated.



TYPE 3 STRATEGIC - Emergency Water Supply¹

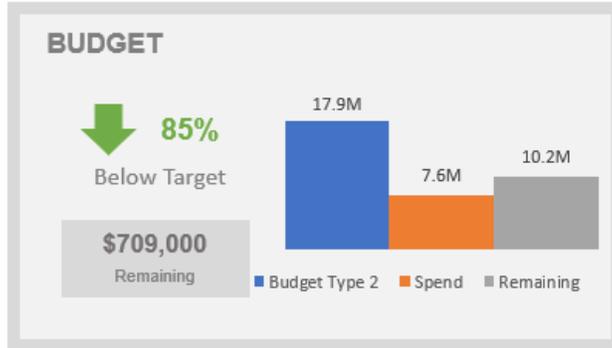
Type 3 projects are large strategic programs with long term impacts and are generally bond-funded.

¹ Emergency Water Supply reporting relates to City of Eugene’s CAP2.0 action item R20 (install emergency water stations).

WATER DIVISION | Q3 2022

APPENDIX I

Through Q3, work in this area included efforts on the emergency water distribution sites and second source. For the emergency water distribution sites, work continued on the design of the South Eugene Site and well drilling began for a site near Churchill High School. For second source, Q3 work included start of construction of an access road across the proposed treatment plant property for future access and pipeline installation. Expenditures are projected to be below target due to delays in construction activities at South Eugene.



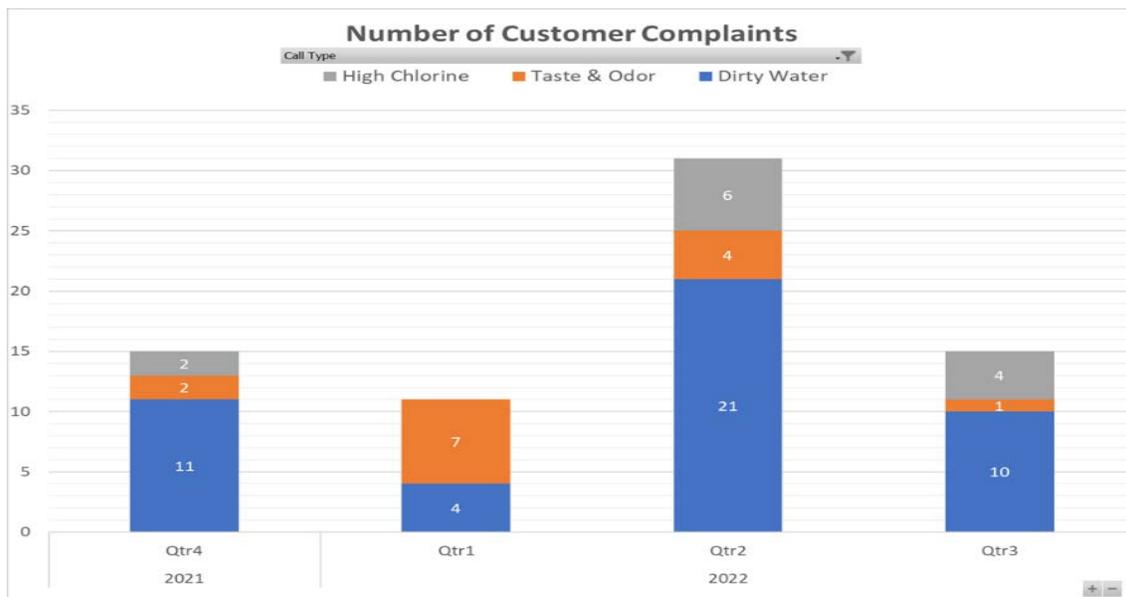
SUPPORT SERVICES

To ensure the smooth delivery of high quality, reliable water service to our customers, the help of several supporting departments is needed.

TAP (CUSTOMER)

The Water Division’s mission is to provide high quality, reliable drinking water to our customers while serving as stewards of utility assets and infrastructure using the Source to Tap approach. This final section includes data and information that points to the customer’s experience with the Water Division.

Water quality complaints returned to what we consider a more normal level for Q3. We still had some high chlorine taste most likely due to warmer temperatures during the hot summer months. The actual chlorine residual was unchanged and safe at all times.





WATER DIVISION | Q3 2022

APPENDIX I

Customer Service Request and Design time remain consistent with 2021 average and construction improved significantly from 20 days average to 9 days average.

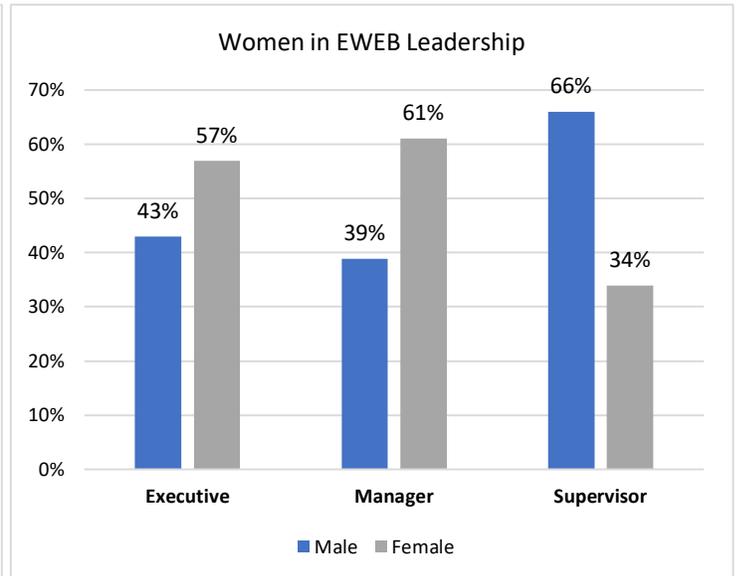
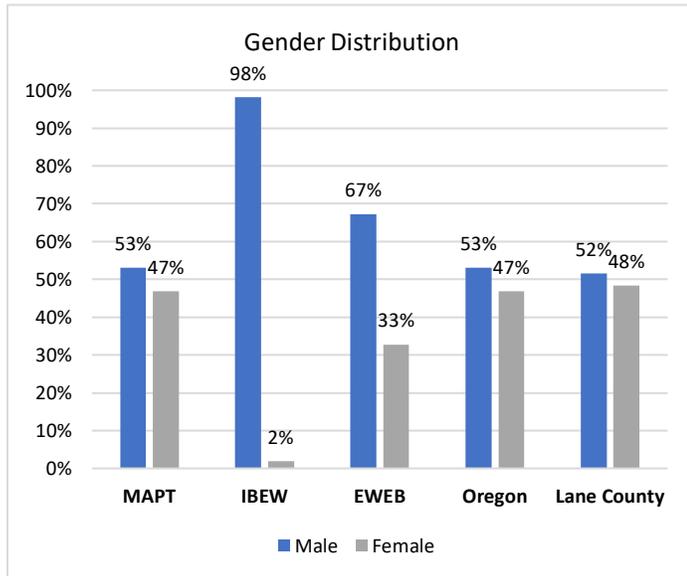
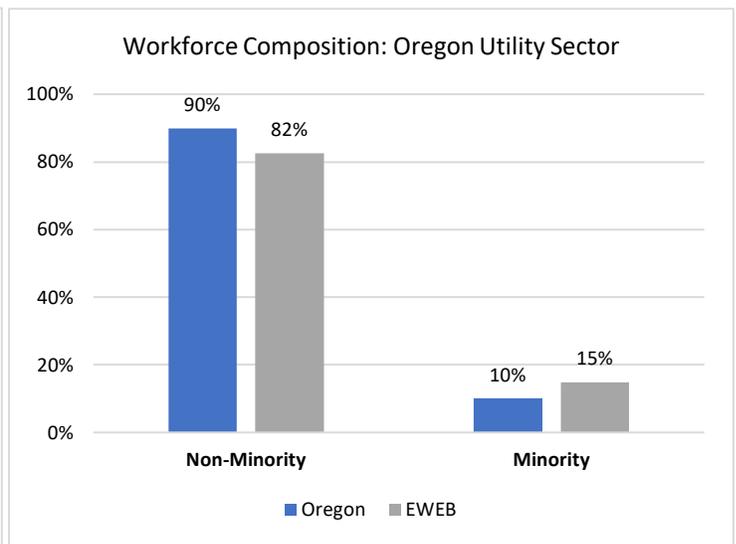
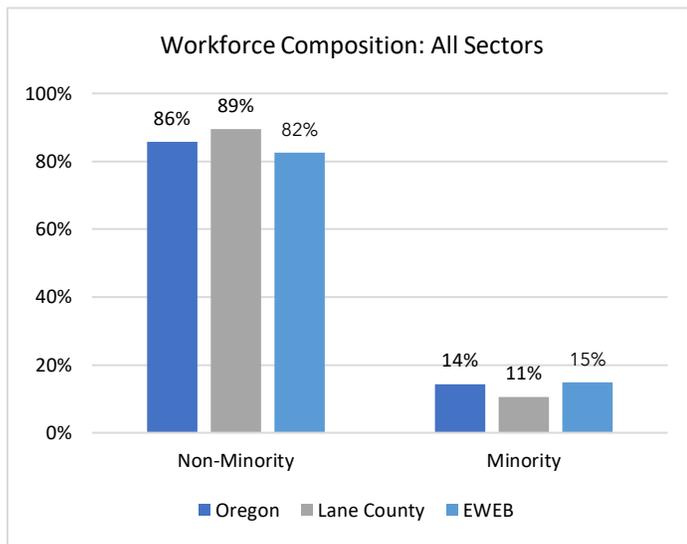
Metric	2021 Quarterly Average	Q3 2022
Number of New Service Requests	18	19
Design Time (Avg)	5 Days	5 days
Time Waiting on Customer (Avg)	21 Days	29 days
Construction Time (Avg)	20 Days	9 days

WORK FORCE COMPOSITION | Q3 2022

APPENDIX J

Q3 WORKFORCE COMPOSITION

The following charts are demographic snapshots of EWEB's workforce composition as compared to that Oregon and Lane County, as reported by the US Census Bureau in Q3 of 2021, the most recent quarter for which they have data.

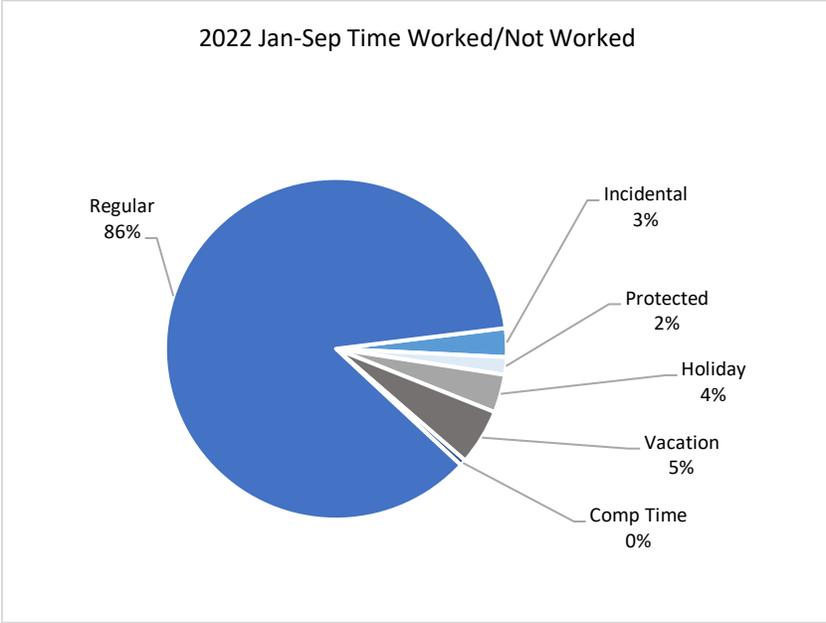




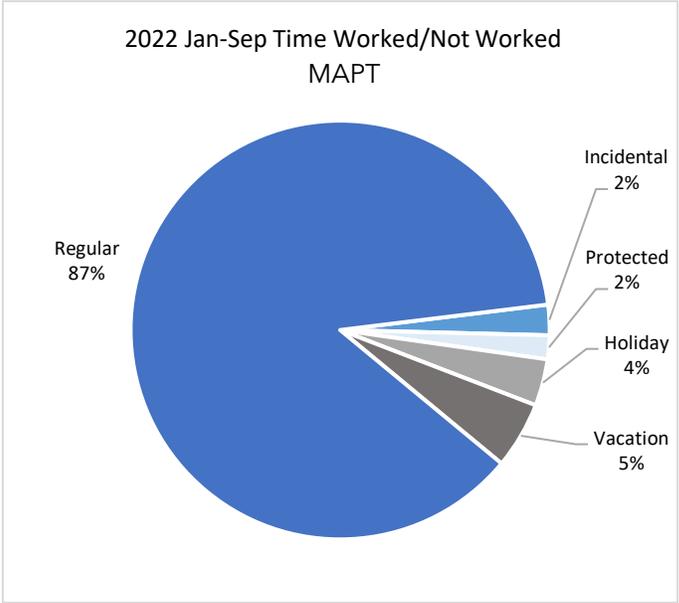
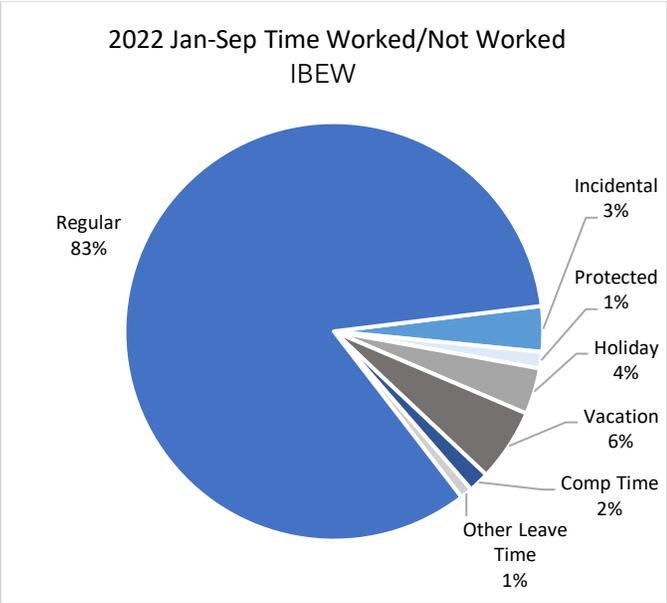
WORK FORCE COMPOSITION | Q3 2022

APPENDIX J

BENEFITS PROGRAM MANAGEMENT – LEAVE UTILIZATION

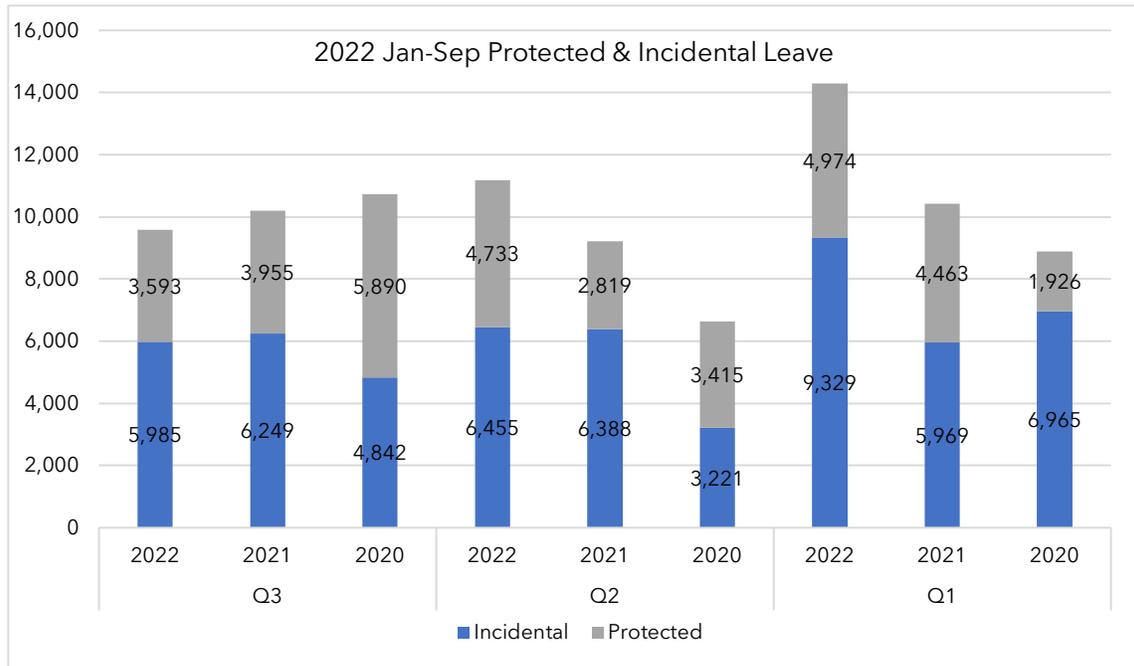


Incidental sick leave absences, including vacation and comp time, represents only a fraction of available work time and therefore continues to indicate minimal disruption risk.



WORK FORCE COMPOSITION | Q3 2022

APPENDIX J



Incidental sick leave utilization declined in Q3; however, YTD sick leave utilization is up due the Omicron variant spike in Q1.

RECRUITING – APPLICANT DIVERSITY

Diversity Applicants by Step						
	Total Applications	Did not qualify	Met Minimums	Phone Interview	Final Interview	Offer/Hire
2022-Q3 Applications	571	228	245	52	32	14
% Female	37%	29%	35%	35%	50%	57%
% Veteran	6%	74%	7%	13%	0%	0%
% Minority	21%	8%	19%	19%	14%	14%
2022-Q2 Applications	363	109	153	8	75	18
% Female	18%	28%	13%	38%	9%	28%
% Veteran	6%	8%	13%	13%	0%	9%
% Minority	18%	25%	25%	11%	26%	16%

*Gender identity is selected by candidate. Reporting numbers are based on which gender the candidate identifies as.

CUSTOMER DIVISION | Q3 2022

APPENDIX K

Category	Q3	YTD	Notes
Total MWHs	5,058	10,710	107% of annual target (10,000)
Peak MW	0.45	1.76	141% of target (1.25)
Rental Projects vs. Total Residential	17% of projects 15% of savings	17% of projects 17% of savings	Q3: 55 Rental EE projects, 324 Total Residential; YTD: 162 Rental EE projects, 990 Total Residential Q3: 74 MWh Rental, 487 Total Residential YTD: 258 MWh Rental, 1545 Total Residential
Limited Income (LI) Projects vs. Total Residential	12% of projects 13% of savings	11% of projects 11% of savings	Q3: 39 LI EE projects, 324 Total Residential YTD: 104 Rental EE projects, 990 Total Residential Q3: 62 MWh Rental, 487 Total Residential YTD: 163 MWh Rental, 1545 Total Residential

CUSTOMER DIVISION | Q3 2022

APPENDIX K

COMMUNICATIONS & MARKETING | Q3 2022

Social Media Performance

	67,851 5,852 260	people reached page visits new followers
	14,067 283 59	people reached page visits new followers
	33,500 28,489 72	people reached page visits new followers

Top post:

40.9k people reached
815 engagements, 585 comments



Eugene Water & Electric Board
Published by Robyn Smith · September 8 · ...

Public Safety Power Shutoff Notice

Current forecasts show dangerous wildfire conditions and high, gusty winds Friday through Saturday afternoon. We will be performing a Public Safety Power Shutoff beginning at 5:00 p.m. on Friday, September 9. Power outages will impact customers east of Hayden Bridge up to Vida, including the following areas:

- Camp Creek and Upper Camp Creek ... See more



RED FLAG WARNING
Issued by National Weather Service

Public Safety Power Shut-off Notice

 eweb.org/wildfire

Nine additional Facebook posts over the following three days regarding the Public Safety Power Shutoff Notice reached an additional 33.3k people, with 812 engagements and 938 comments.

Website Performance

	359,505 2:06 59%	pageviews avg. time on page visits originating from Google search
--	------------------------	---

eweb.org home	111,559 page views
Pay my bill	49,578
Outage map	31,793
My Account	15,708
Wildfire Prevention	13,327
Start/Stop Service	12,384

Top EWEB earned Media



KEZI - Power poles being removed to guard against wildfires



The Register-Guard - Hydropower, landscape in McKenzie Valley may change with future of Leaburg Canal

Hot Topics

PSPS - Public Safety Power Shutoff

21 social media posts, 6 earned media spots, 2 emails, 1 EWEB.org newsroom story,

National Preparedness Month

27 social media posts, 2 emails, 1 event with Lane County

Electric Mobility Programs

13 social media posts, 5 emails, 2 events, 2 earned media spots

Emergency Water Station Event - Sheldon

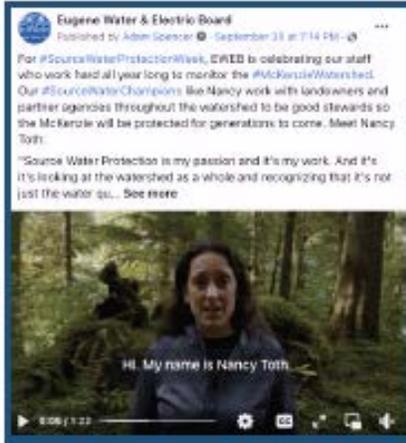
6 social media posts, 1 email, 2 earned media spots, 1 EWEB.org newsroom story

Leaburg Canal

7 events, 2 emails, 7 social media posts, 5 earned media, 1 bill insert

COMMUNICATIONS & MARKETING | Q3 2022

Highlights of work produced this quarter



Source Water Protection Week highlights the work of EWEB's Source Water Champions, who work hard year round protecting our drinking water, taking samples, community outreach & coordinating restoration & hazard mitigation.



After EWEB activated its first Public Safety Power Shutoff (PSPS), EWEB staff did a thorough review of the decision and are using the experience to improve PSPS protocols for the future.



Women in STEM: Meet the engineer behind Eugene's newest water infrastructure project
09/19/2022
Laura Farthing didn't always know she wanted to be an engineer. But when a man in rural Kenya told her he'd only install a water spigot for an orphanage if she agreed to marry him, she realized she could do his job.
"I was like, wait, you're an engineer? Farthing said, "I think I could be an engineer."

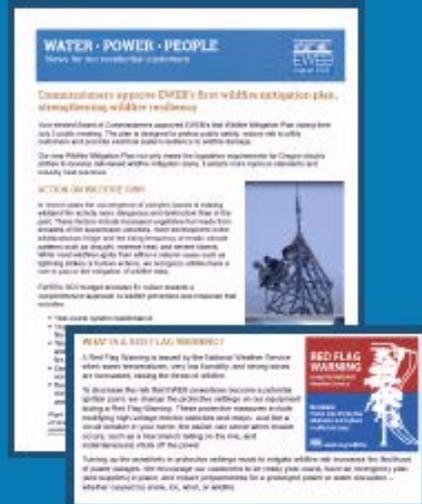
Women in STEM, a new series in our newsroom about women in science and the utility industry.



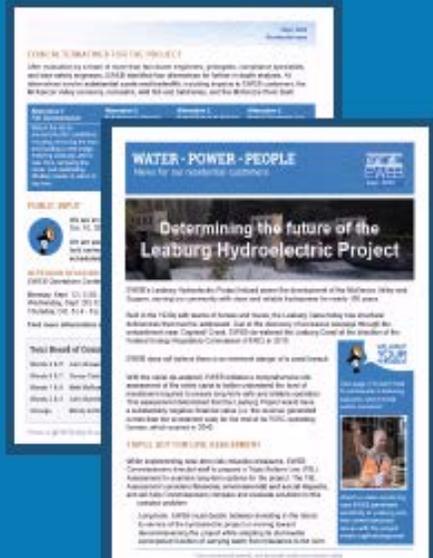
Communication regarding the future of the Leaburg Dam included multiple listening sessions, email newsletters, bill inserts, social media and a high quality video explaining the history of the dam and a review of options being considered by staff and the board.

Bill Inserts

In August, residential customers received a bill insert sharing information on EWEB's Wildfire Mitigation Plan.



In September, customers received information about Leaburg Canal and Hydroelectric project, including opportunities for public input and the Triple Bottom Line.



CUSTOMER DIVISION | Q3 2022

APPENDIX K

COMMUNICATIONS & MARKETING | Q3 2022

EWEB in the Community

Date	Event	Topic
7/12/22	Leaburg Listening Session	Leaburg Hydroelectric Project
7/15-7/24/22	Riverfront Festival	Water Quality
7/20-7/24/22	Lane County Fair	Water Quality
7/26/22	Jefferson Westside Neighborhood Picnic	Wildfire Mitigation, Pledge to Prepare, Hawkins water tank
7/27/22	Downtown Neighborhood Association	Green Options & EVs
7/30/22	Eugene Asian Celebration	EVs and Live Green
7/30/22	Leaburg Listening Session	Leaburg Hydroelectric Project
8/2/22	National Night Out	Energy Efficiency & Electric Mobility
8/9/22	Leaburg Listening Session	Leaburg Hydroelectric Project
8/13/22	Homes for Good BBQ	Limited Income Programs & Home Rebates
8/13/22	Lane County Farmers Market	Lead Green Programs
8/20/22	EV Guest Drive	EV Charging Rebate
8/21/22	Friendly Area Neighbors & South Hill Neighborhood Picnic	Wildfire Mitigation, Pledge to Prepare, Lead Green
9/10/22	Lane County Farmers Market	Lead Green Programs
9/10/22	Emergency Water Station - Sheldon Community	Emergency Water, Emergency Preparedness
9/12/22	Leaburg Listening Session	Leaburg Hydroelectric Project
9/13/22	Leaburg Listening Session	Leaburg Hydroelectric Project
9/17/22	Southeast Eugene Neighborhood Association Picnic	Water Storage, Green Options, Pledge to Prepare
9/20/22	Fairmount Neighborhood Association	Watershed Restoration, Electrification & Water Stations
9/23-9/25/22	Salmon is Everything Play	Watershed Protection, Water Quality, Salmon
9/27/22	Leaburg Listening Session	Leaburg Hydroelectric Project
9/28/22	Leaburg Listening Session	Leaburg Hydroelectric Project



You're invited to the grand opening!
Saturday, September 10th!

Sheldon area neighbors come out for EWEB's newest Emergency Water Station
09/14/2022

Sheldon area neighbors come out for EWEB's newest Emergency Water Station
09/14/2022

Customers came out to celebrate the grand opening of our 5th Emergency Water Station. They learned about water storage & treatment in the event of an emergency.



EWEB was asked to participate at several neighborhood association picnics and other community events over the summer, such as the Friendly Area Neighbors and South Hill Neighborhood Picnic shown here.



EWEB introduced our clean, fresh, delicious water to the world at the first Downtown Riverfront Festival and The World Track & Field Championships.

CUSTOMER DIVISION | Q3 2022

APPENDIX K



LEAK PROGRAM QUARTERLY UPDATE

Q3, 2022

Contact Jeff Petersen

jeffrey.petersen@eweb.org

541-685-7441

[Leak Program on SharePoint](#)

1,488

Residential
Customers
Contacted

40

Commercial
Customers
Contacted

16 million

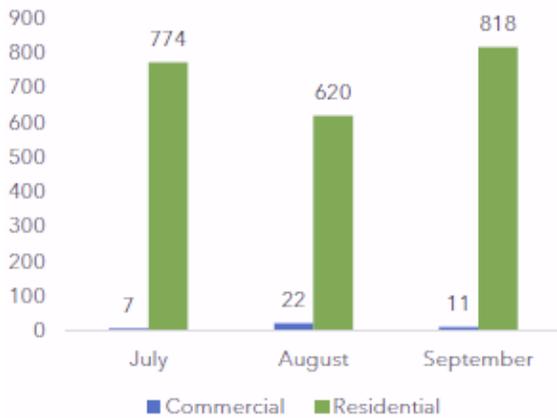
Potential
Estimate of
Gallons Saved



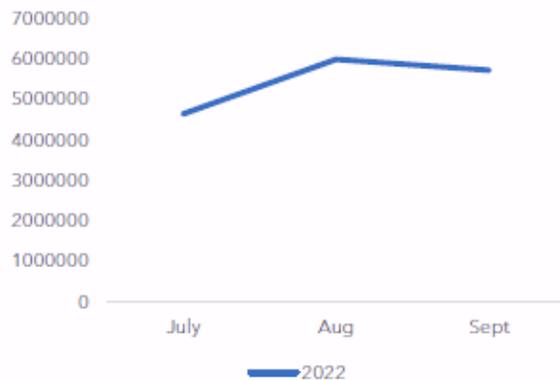
SPOTLIGHT

While the program team continues to refine and introduce new elements, design is wrapping up and the core of the program is entering an operational state.

Customers Contacted



Estimated Gallons Saved



CUSTOMER EXPERIENCE

186

Surveys
Completed

4.2

Avg Experience
Rating (1-5)



Leading self-report cause was a **hose left running (30%)** followed by **leaking/malfunctioning sprinkler systems (20%)**.

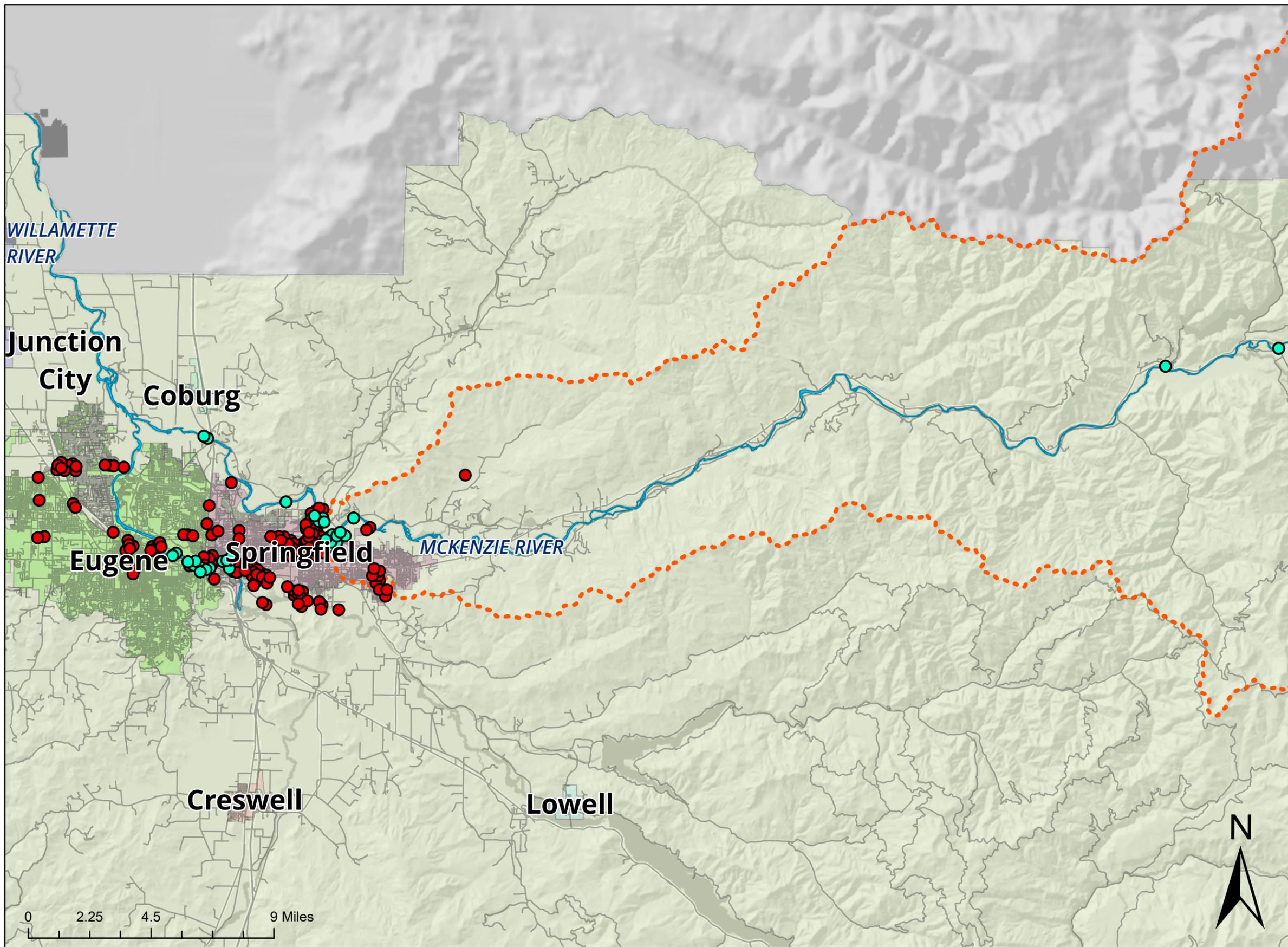
NEXT QUARTER: AREAS OF FOCUS

- Increasing number of commercial customers contacted and decreasing time between continuous consumption failure and date of contact.
- Working with Anna Wade (Business Line Manager) to standardize tier adjustments procedures and create self-service option for customers.
- Develop program targets/KPIs for 2023
- Develop a report for accurately measuring gallons saved due to early notification.

"I LOVE the automatic notification and that EWEB has the ability to monitor household continuously and notify me when it's unusual. Thank you EWEB Customer Service!"

"I am over the moon for the new water meters! We knew we had a leak and kept moving the fix down on our priority list. After finding the leak, the new meter helped us find it much faster than the old meter. Thank you EWEB!"





Summary

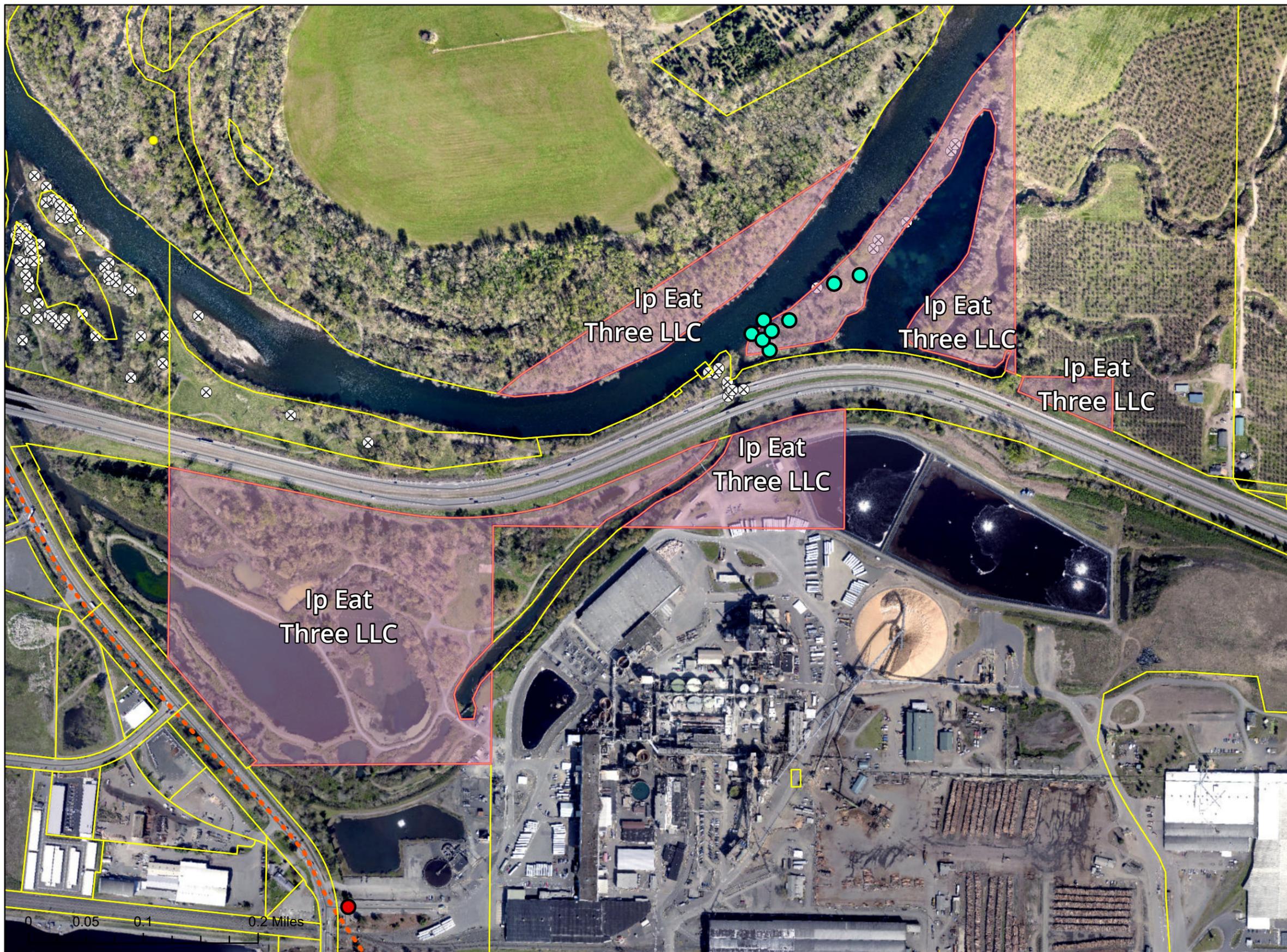
- Identified Locations
- Within 100' Buffer
- - - Drinking Water Intake
- Roads
- River

YEAR	TOTAL COUNT	100' BUFFER
2020	90	16
2021	83	8
2022	26	2
TOTAL	199	26

This map was created by the Lane Council of Governments (LCOG) GIS Services. The information on this map was derived from digital databases on LCOG's regional geographic information system. Care was taken in the creation of this map, but it is provided as 'as is'. LCOG cannot accept any responsibility for errors, omissions, or positional accuracy in the digital data or the underlying records. There are no warranties, expressed or implied, accompanying this product. However, notification of any errors will be appreciated.

Illegal Camping Report - Totals Summary





International Paper

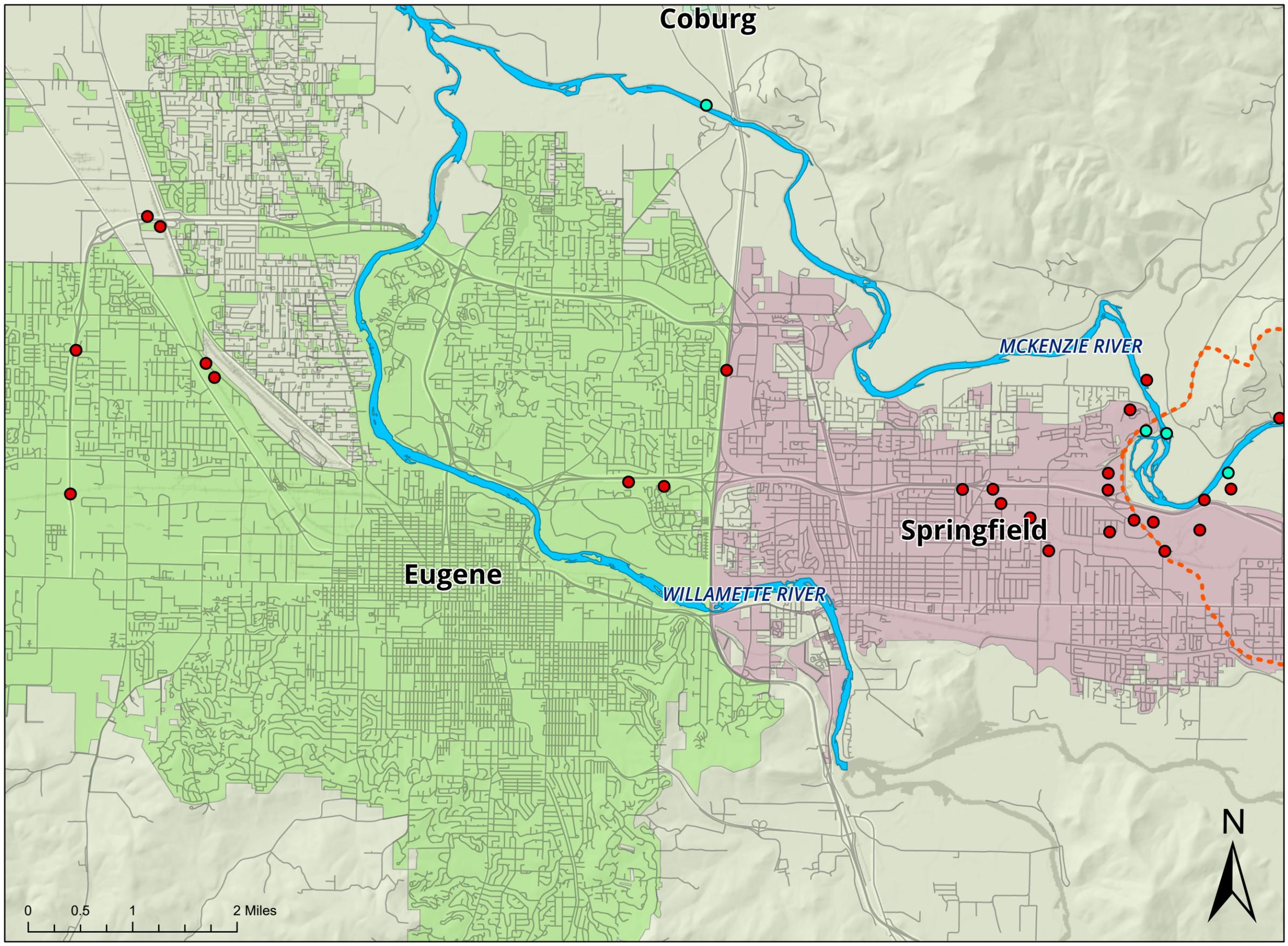
- Identified Locations
- Within 100' Buffer
- - - Drinking Water Intake
- Roads
- International Paper

YEAR	TOTAL COUNT	100' BUFFER
2020	6	6
2021	1	1
2022	2	1
TOTAL	9	8

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Illegal Camping Report - International Paper





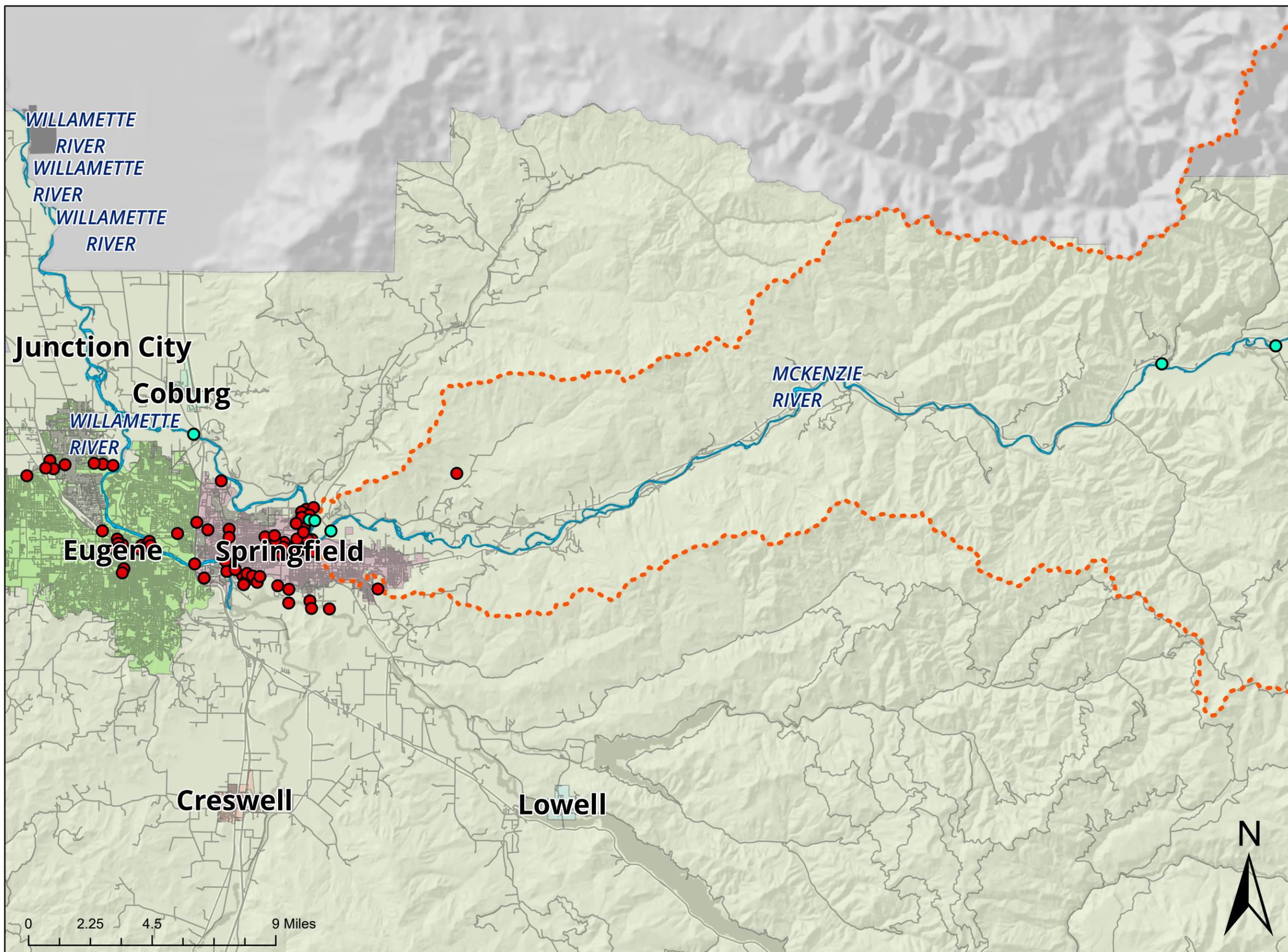
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Illegal Camping Report - 2022





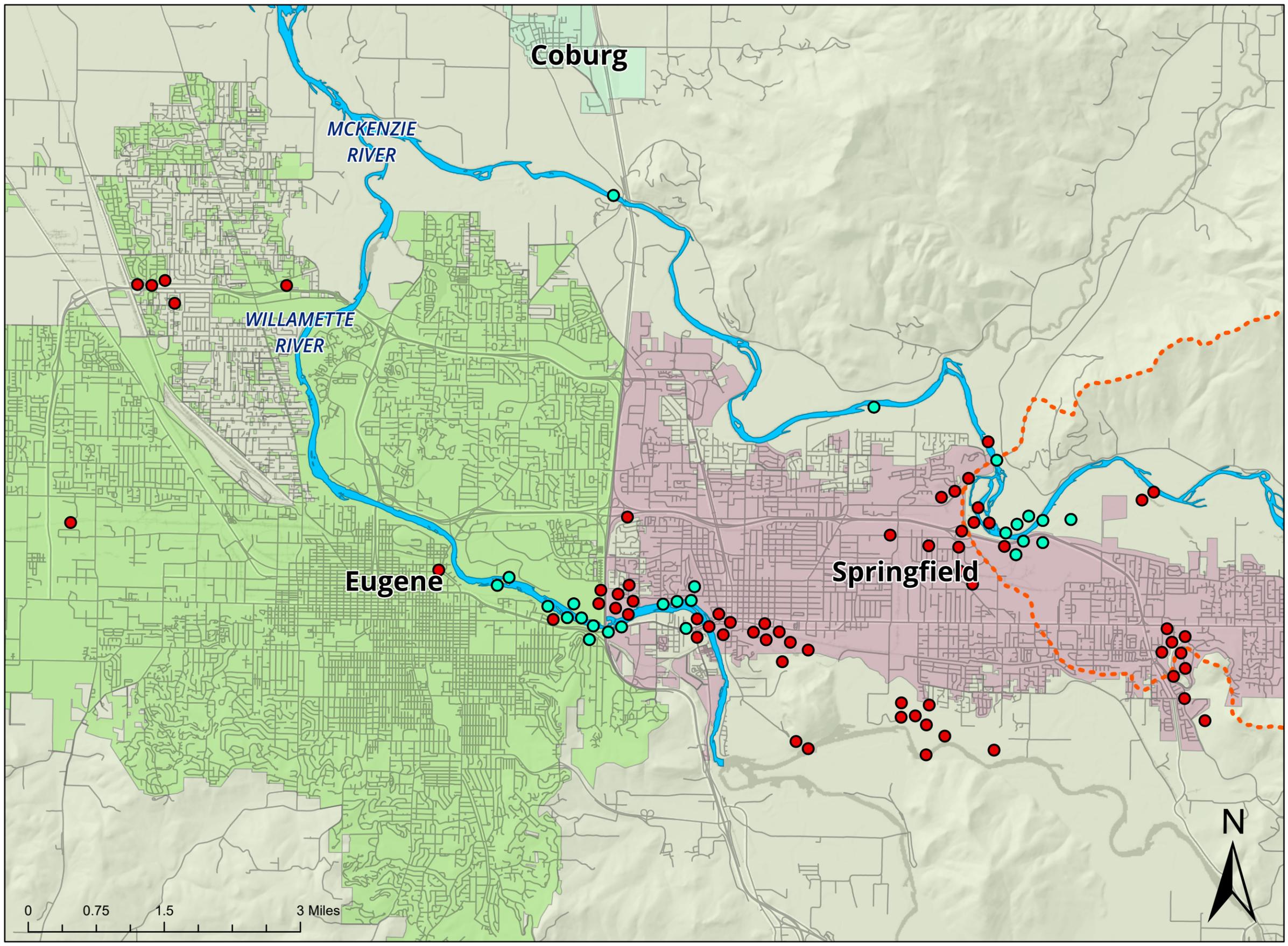
- 2021
- Identified Locations
 - Within 100' Buffer
 - - - Drinking Water Intake
 - Roads
 - River

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2021	83	8
2022	26	2
TOTAL	199	26

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Illegal Camping Report - 2021





- 2020
- Identified Locations
 - Within 100' Buffer
 - Drinking Water Intake
 - Roads
 - River

YEAR	TOTAL COUNT	100' BUFFER
2020	90	16
2021	83	8
2022	26	2
TOTAL	199	26

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Illegal Camping Report - 2020

