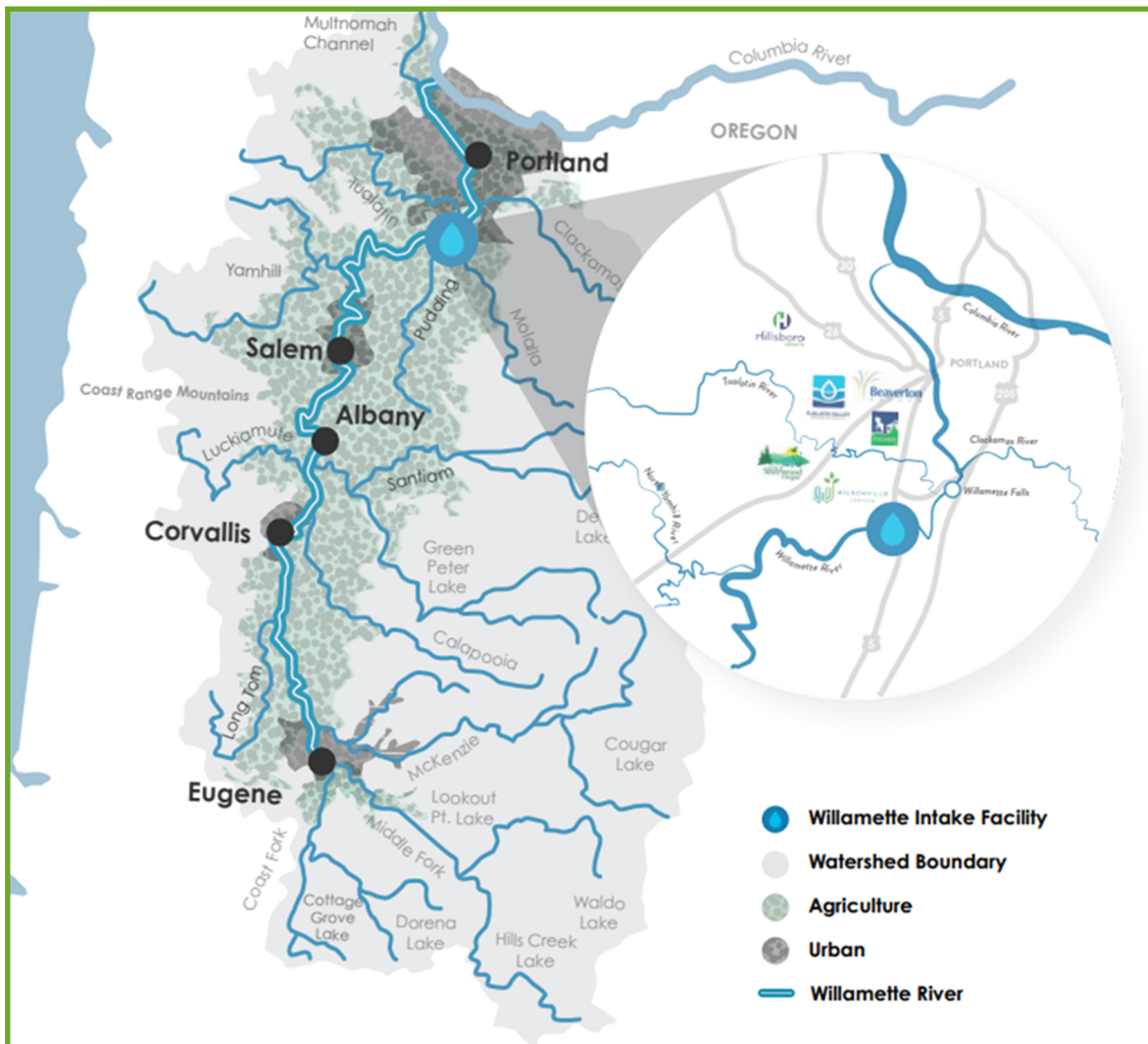


From The Director's Office:

Willamette River Source Water Protection Plan



Scope of the Source Water Protection Plan. Reproduced from WIF Commission, 2021.

An action item of the Willamette Intake Facility (WIF) Commission's Mission, Visions, Values and Goals (MVVG) is to develop and maintain a state and regionally supported source water protection plan.

Willamette River Source Water Protection Plan, continued

One of the MVVG three strategic pillars which holds up the Mission and Vision and gives focus to the goals is Water Quality Protection -“We engage in addressing existing, emerging and potential risks that may impact water quality at the intake facility ahead of treatment”.

To accomplish this goal, WIF stakeholders of which the City of Wilsonville is a member are working with a consultant to create a Watershed Protection, Monitoring and Outreach Plan.

Overall, the goal of the Source Water Protection Plan (SWPP) is to identify risks and opportunities to allow for quick prioritization of projects and initiatives to protect source water quality and provide partner agencies with safe, reliable drinking water for their communities. The plan focuses primarily on the mid-Willamette basin immediately upstream of the intake facility, while also considering the full Willamette Basin and its far-reaching impacts.

The initial step of the SWPP is the Water Assessment Task which will summarize the Willamette River watershed history, characteristics and stakeholders. The Watershed Assessment will then be used to inform the Data and Risk Analysis Task of the SWPP.

Early this month, the project team participated in the Phase 1 Workshop for Stakeholder Analysis and Mapping. Content of the workshop included communication goals & approach, review of stakeholder inventory, stakeholder mapping summary and next steps.

Communication goals for the project are to create outreach strategies and master messaging, build public trust and build lasting relationships with community members, elected officials and business partners.

To establish an external stakeholder inventory, the following questions were asked: organization type—who do they serve and where is their jurisdiction; stakeholder type—what is the purpose of the organization and do their goals align with watershed protection; risk tier—how do their activities impact the watershed ; relative location—where are they located in relationship to the intake; priority issues—what are their priorities in the watershed; and mutual interests—how do the organization’s priorities align with source water protection efforts.

During the workshop the project team sorted the various stakeholders into one of four groups based on the level of interest and influence. Close Engagement—high influence/high interest; Keep Satisfied—high influence/low interest; Keep Informed—low influence/high interest or Monitor—low influence/low interest. This matrix will establish level of engagement between WIF and the stakeholders during the development and implementation of the SWPP.

Next step for this project is to conduct outreach to the identified stakeholders with the program messaging which will inform, engage and create partnerships to help protect our source water.



Best Regards,

Delora Kerber, Public Works Director

Operations

Heat Illness Prevention Training

This year, Occupational Safety Health Administration (OSHA) introduced new safety measures for field staff working outdoors in high temperatures. All Public Works staff are now equipped with the OSHA and National Institute for Occupational Safety and Health (NIOSH) Heat Safety Tool application on their mobile devices. The app displays a visual indicator of the current heat index and potential risks based on the weather conditions. The Heat Safety Tool will help staff monitor risk throughout the workday so that they can adjust safety precautions accordingly.

Staff were briefed on the symptoms of heat-related illnesses, required prevention measures and how to respond in a medical emergency. Additional prevention procedures are necessary when temperatures exceed 90 degrees Fahrenheit and depend on the intensity of the work activity being performed. The presentation covered communication methods, monitoring for heat-related illness symptoms, the importance of shade, and the need for adequate rest periods for hydration.



OSHA-NIOSH Heat Safety Tool



Andrea Villagrana leading a Q&A with Public Works staff

Roads & Stormwater

Welcome Aboard, Brad!

This month, we welcomed a new Roads & Stormwater Maintenance supervisor, Brad Painter. Brad is a lifelong Oregonian and resident of Clackamas County. He brings with him over 20 years of experience working for the City of West Linn in the Environmental Services Department.

In his free time, Brad enjoys spending time outdoors with his wife and three children. He likes to kayak, read a good book, camp or grill up something delicious. He has hit the ground running and we are very happy to have him on the team.



Welcome, Brad!

Wilsonville LED Lighting Project: Phase II


The City is set to kick off the initial residential phase of the LED Fixture Conversion project. The less efficient high-pressure sodium (HPS) streetlights are being replaced with Light Emitting Diode, or LED, lighting. Residents in project areas were sent an informational postcard this month in the mail, like the one below. For more information on the project, visit the [Wilsonville LED Lighting Project](#) webpage. An interactive map will provide installation updates in real time after work is underway.

SHINE on Wilsonville

New Energy-Efficient LED Street Lighting is Coming to Your Neighborhood!

- Saves money – Long-lasting LED lights cut energy and maintenance costs.
- Helps protect the environment – LED lights emit less carbon dioxide and contain no lead or mercury.
- Increases safety and visibility – Wide, consistent light pattern improves visibility and causes less road glare.
- Night sky friendly – Dark Sky compliant to protect our nighttime environment and minimize light pollution.
- Energy-efficient – LED lights use less energy than existing lights and help the City reduce energy use.

Learn More:
Visit: <https://bit.ly/LED-Conversion>
Project Email: LEDConvProj@ci.wilsonville.or.us



New globeless fixtures are similar to existing styles to maintain your neighborhood's character while providing the advantages of LED lighting



City of Wilsonville
29799 SW Town Center Loop E
Wilsonville, OR 97070

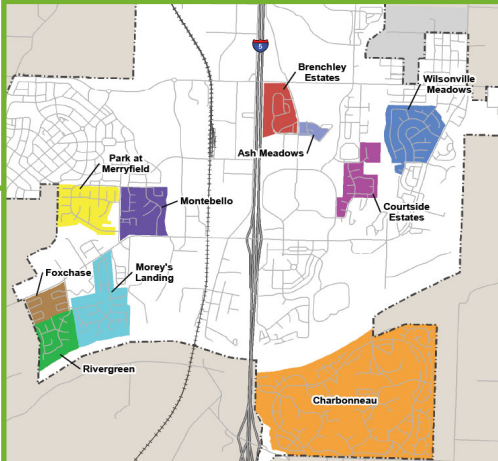
LED Residential Street Lighting Installation

Coming Late Summer - Fall 2022

Temporary street parking impacts: On-street parking may be prohibited during installation. Signs notifying neighbors will be posted in advance.

Track installation in real-time: Scan the QR code for updates on when and where LED lighting is being installed.



Utilities

After Hours Response

Public Works staff provide vital after-hours emergency assistance for a wide variety of calls. Most recently, a meter reader spotted this active leak on Main Street during a routine read. Most leaks are not as readily apparent as this one. Our staff responded to perform temporary repairs and the issue was resolved the next day.

The Public Works and Parks Maintenance staff team up to provide coverage for after-hours calls, 365 days a year. Calls are relayed to one of two on-call staff—one covering Operations and the other covering Utilities. They provide a valuable service to the community and keep the City running smoothly.



Leaky meter on Main Street

Leak Detection Survey

A leak detection survey was conducted by Utility Services Associates in the southeast portion of the city. Each year, a survey is conducted to test approximately a quarter of the City services in order to identify any active leaks. The technician utilizes specialized listening equipment to pick up the noise of a leak off of valves, meters, and hydrants. Fortunately, only a few small leaks were identified during the survey and have since been fixed by the water crew.



Leak detection in progress

Utilities cont.

Service Line Freeze

The Water crew needed to complete a replacement on a curb stop valve and used a freezing process. A 'service line freeze' isolates a small water line in order to perform repairs without doing a complete shutdown of the water main. Carbon dioxide is used to freeze the pipe and create an ice plug to stop the flow of water. This is a very effective method for performing repairs with minimal disruption to water customers.



Replacing a curb stop valve

Routine Meter Replacements

The Utilities department schedules routine meter replacements each year targeting those that have been in service for over twenty years. Supply chain issues have reduced the number of meters our staff can swap out. First priority goes to new developments and installations. Meters that are no longer registering are next in priority and the lowest priority are the routine replacements for the older functioning units.

Supply is slowly improving but availability is still lower than it was prior to the pandemic.



Swapping a meter

Utilities cont.

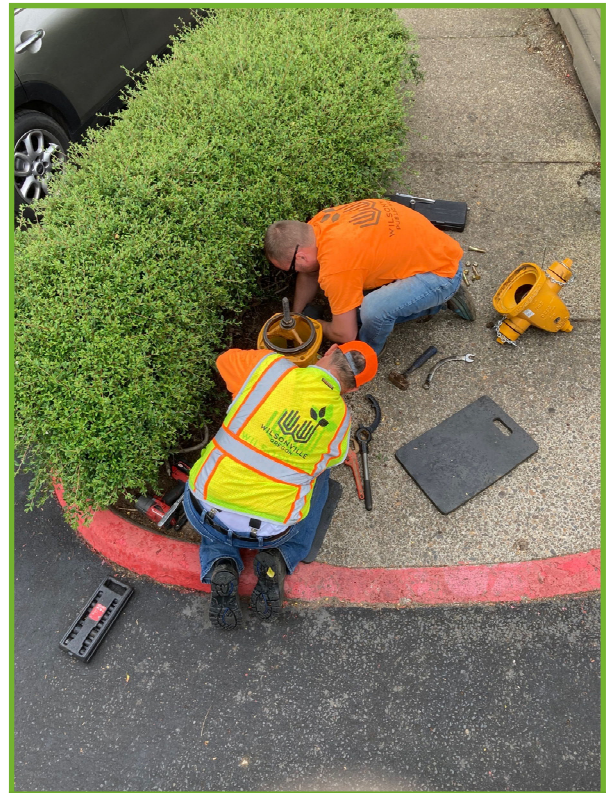
Hydrant Repairs

The Water and Wastewater crew teamed up to rebuild two fire hydrants this month. One had been severely damaged after being run over by a truck and trailer. The second hydrant was not operating optimally.

Fire hydrants in the city are 'dry barrel hydrants', meaning that the water is held back by an underground valve. Dry barrel hydrants have a built in breakaway, which allows the hydrant to snap off when struck. No water sprays out since the valve in the ground remains shut. The breakaway feature also eliminates potential injury to a driver or damage if a vehicle were to hit it.



Randal, Chris and Chad working together



Tim & Randy work on a dry barrel hydrant

Facilities

Public Works/Police Building Roof Repairs

Summer has finally brought dry weather and an opportunity to get critical maintenance done on the roof of the Public Works/Police building. At some point during the rainy weather, the roof began to leak, causing water to drip down into the conference room below. The tarp and sandbags were effective for preventing any further issues while waiting for good weather conditions to perform repairs.



Temporary leak solution: tarp and sandbags

Contractors started work June 20, pressure washing the roof, sealing the seams and completing all preparations before applying the sealant. After a few days of intermittent noise and strong smells, the roof repair is complete.



Day One: Pressure washing



Day 2: All prepped for sealing