

From The Director's Office:

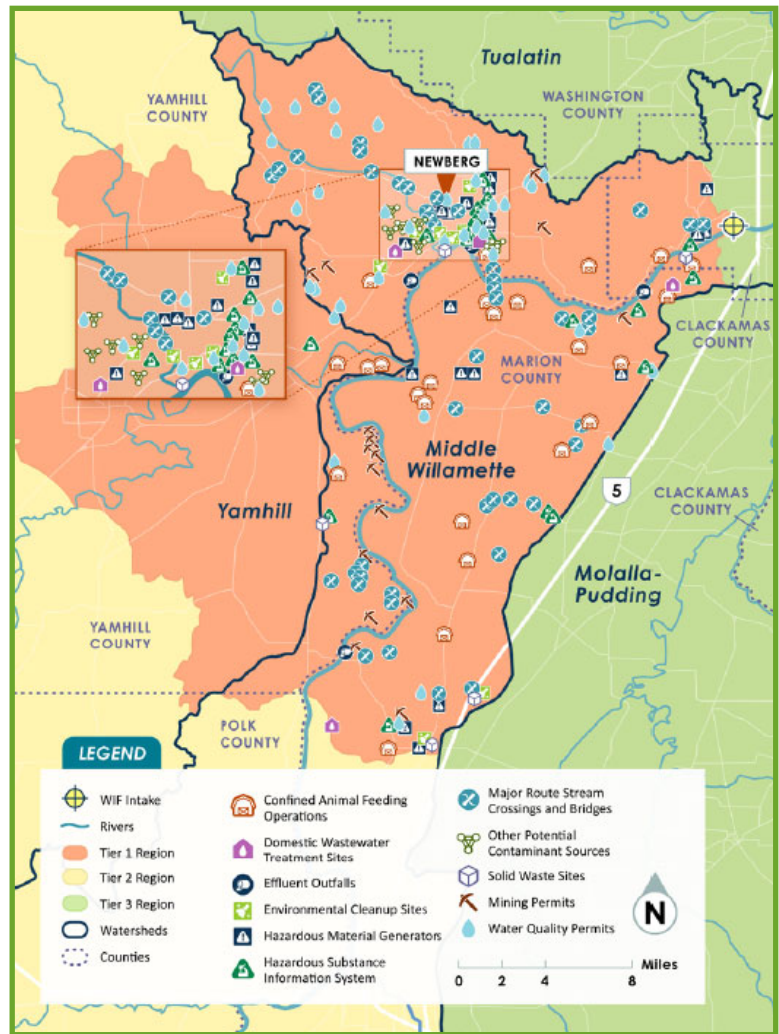
Watershed Protection, Monitoring, & Outreach Plan for the Willamette River Watershed

Last month the Willamette Intake Facility (WIF) Commission watershed subcommittee held its first workshop to start the implementation of the Water Protection, Monitoring, & Outreach Plan (Plan) for the Willamette River Watershed. Activities included reviewing the adopted Plan and evaluating key next steps such as reviewing the list of stakeholders and identifying associated priority activities and potential engagement actions.

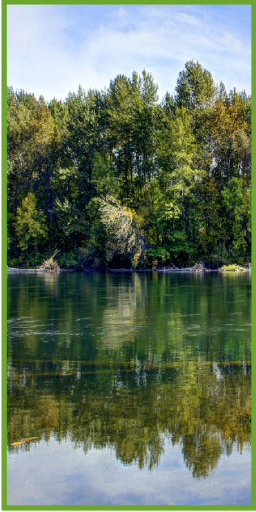
In 2021, the WIF Commission sought support from outside experts to develop the Plan to identify water quality risks and recommend strategies to protect the Willamette River as a drinking water source. The Plan was adopted in April 2024.

The Plan focuses on water quality preservation, primarily on the Middle Willamette and Yamhill Subbasins immediately upstream of the Intake Facilities, and broadly considers the health of the entire watershed. This Plan, along with the WIF Strategic Plan, will inform the Commission's planning, decision making, budgeting and work plans for the next several decades.

The WIF Commission has embarked on a multistep process to understand the potential sources of contamination that might put water quality at risk near the Intake Facilities, and the degree to which each of those contaminants could impact it.



From The Director's Office, continued:



Four primary categories of contaminate sources were identified in the Tier 1 area that extends 35 miles upstream of the Intake Facilities that were found to potentially negatively impact water quality near the Intake Facilities. Potential sources include: Route Crossings of railways and major roads; Concentrated Animal Feeding Operations that contributed to water pollution through bacteria, pesticides, and elevated nutrient levels; Yamhill Subbasin a major tributary immediately upstream that has had exceedances of *E. coli* criteria; and Elevated Risk for Erosion of heavily agricultural land immediately upstream that can contribute of pesticide and nutrient runoff to the River.

The Plan developed various strategies focused on the Tier 1 area to address the risks identified in the technical analysis. These Best Management Practices (BMPs) for protecting the water quality are recommended in collaboration with other partners with a vested interest in the watershed.

Watershed protection strategies include: creating an emergency response plan to facilitate efficient response coordination; information sharing and identification of needed resources and management actions; working with the Oregon Department of Agriculture, Watershed Councils, and Soil and Water Conservation Districts to pursue project and funding under existing incentive programs; prioritizing BMPs on agricultural land; and working with and supporting existing County program to reduce pollution from septic systems.

Based on the objectives and key risks outlined above, the Commission aims to monitor water quality at the Intake Facilities and an upstream location near Newberg. The monitoring plan will be implemented in a phased approach. For the first phase, establishing monitoring equipment at the intake will be prioritized to complement real-time water treatment plant operations. A secondary monitoring location upstream could help characterize watershed scale changes and trends, and provide advance notification of upstream water quality conditions.

Throughout the development of this Plan, the Commission prioritized stakeholder outreach as the first step in building long-term relationships with the organizations move vest in the protection of the river's water quality.

In the next few months, the watershed subcommittee are will be convening additional workshops to discuss implementation considerations such as defining strategies, drafting timelines, and refining messaging. Create an implementation roadmap including finalizing visual materials and codifying outreach materials. Based on workshop outcomes, the subcommittee plans to meet with at least one external stakeholder group prior to the end of the WIF fiscal year.

[The above information are excerpts from documents developed by the Willamette Intake Commission]

PUBLIC WORKS

FIRST RESPONDER

Best Regards,

Delora Kerber, Public Works Director

Facilities

Spring Has Sprung

Last fall, Maintenance Specialists Reynaldo Pineda and Luke McKinnon planted 1000 bulbs in the City Hall landscape....actually, 1005 to be exact. By making one big effort to plant the bulbs, crews will save on the labor in the long run by introducing early Spring color without the need to individually plant multiple seasonal color spots. These tubers are a gift that keeps on giving! Along with the bulbs, crews planted perennials that are known to be great pollinator plants for bees and butterflies.



Facilities

Environmental Stewardship

Luke McKinnon and Reynaldo Pineda have combined their professional expertise to reduce the amount of chemicals applied to the city's landscapes while raising the level of service for three straight years. How did they do it? It begins in late winter or early spring, when the crews apply a preemergent to keep any weed seeds from sprouting. At the same time, a non-selective is spot sprayed on any of the seeds that have already managed to sprout. Once the chemical applications are completed, crews apply recycled wood chips to an average depth of 2" and top that with a one-to two-inch-layer of dress mulch. By applying the thick layer of wood chips and mulch you protect from breaking the weed barrier provided by the preemergent application, while also blocking out the sun light needed to germinate any remaining seed. This method has proven to lessen the number of weeds in the landscape beds and in turn makes spot spraying less frequent. By preventing the weeds having a chance to go to seed, you lessen the overall need for chemical applications.



Facilities

Safety In Check

Every month Facilities Maintenance Technician Robert Todd visits all 107 fire extinguishers throughout the city and inspects them for the proper charge and assures they are in good working condition. During this monthly inspection, Robert performed a full audit on the manufacture date and scheduling of the required 6 and 12 year services. The audit is in preparation for the annual fire sprinkler and alarm inspection, which is performed by a contracted fire system inspection and testing company. As part of these inspections, the tester examines each extinguisher to determine if it needs a new tag, a six year service, or if it is due for the 12 year re-hydro service. As a result of Robert's audit, this years inspection company will be able to quickly and adequately determine the required service dates.



Facilities

Certiably Clean

Lead Janitor Bernardo Gomez and Janitors Nick Simonton, Taylor Micheal, Morgan Smith, and Devon Dirkz were all given the opportunity to enroll in the International Janitorial Cleaning Services Association (IJCSA) certification classes, twelve in total. After completing the courses the students must pass a 250 question exam including written essays, as well as an oral exam with a senior membership manager from the IJCSA. The crew is making great progress working through the courses and we are proud to congratulate Nick Simonton for earning his IJCSA Master Certification.



Facilities

The Future's So Bright

The Tri-Met Facilities Department partnered with the Wilsonville Facilities crew to replace existing metal halide parking lot lights with new, long-lasting dimmable LED light fixtures. The Wilsonville Facilities department is responsible for the maintenance of the Tri-Met owned parking lot. As part of the agreement between Tri-Met and the City, Tri-Met pays for the electricity to light the parking lot, and the City provides the labor to change light bulbs or repair ballasts. Under the guidance of a licensed electrical contractor, Facility Maintenance Technician Trevor Denfeld rented a boom lift and began the LED conversion. As a bonus, utilizing the licensed electrician to supervise the project allowed Trevor to log 16 more supervised hours of the 2000 hours required to obtain his Limited Building Maintenance Electricians License (LBME) making the project a brilliant success.



Roads

Above, Below & All Around You

A large portion of Public Works' responsibilities encompass prevention and protection. One such priority for the Roads team is ensuring that roadways and safety structures are in good working order year round. The Roads team maintains an annual schedule of guard rail inspections on City maintained roads, ensuring they are Federal Highway Administration compliant for crash resistance and in good condition overall. Shown below is Rodney Hoskins, who works on both Roads and Stormwater assignments for the team.



Roads

Out With The Old

March saw the Roads team replacing impact resistant delineators along Canyon Creek Road under the Bonneville Power Administration's lines. These new installations are safer and look much nicer than the previous impact barricades.



Many new 'No Parking' signs have also replaced older faded versions, reminding drivers to use care when choosing where they park. These signs were manufactured in the onsite sign shop at the Public Works Complex, where over 160 signs have been printed since the first of this year.



Stormwater

No Wake Zone

Preparation for Spring showers included clearing outfalls and storm inlets. Even with safeguards in place, torrential rains can temporarily overwhelm the storm drain system. Stormwater crew member Jay Herber and Ricardo Anselmo from the Roads team were onsite to warn drivers and encourage cautious driving. Remember to slow down and drive extra cautiously during high water to prevent accidents or damage to vehicles.



Stormwater

Inspect, Clean, Repeat

Spring can bring just as much flooding as the winter months, the Stormwater team was hard at work clearing storm outfalls and inlets. Next up: the annual catch basin inspection and cleaning program. Stormwater team members Jay Herber and Rodney Hoskins will inspect more than 3,000 City maintained catch basins, returning to clean those that need maintenance to keep things flowing smoothly.



Utilities

Spring Cleaning

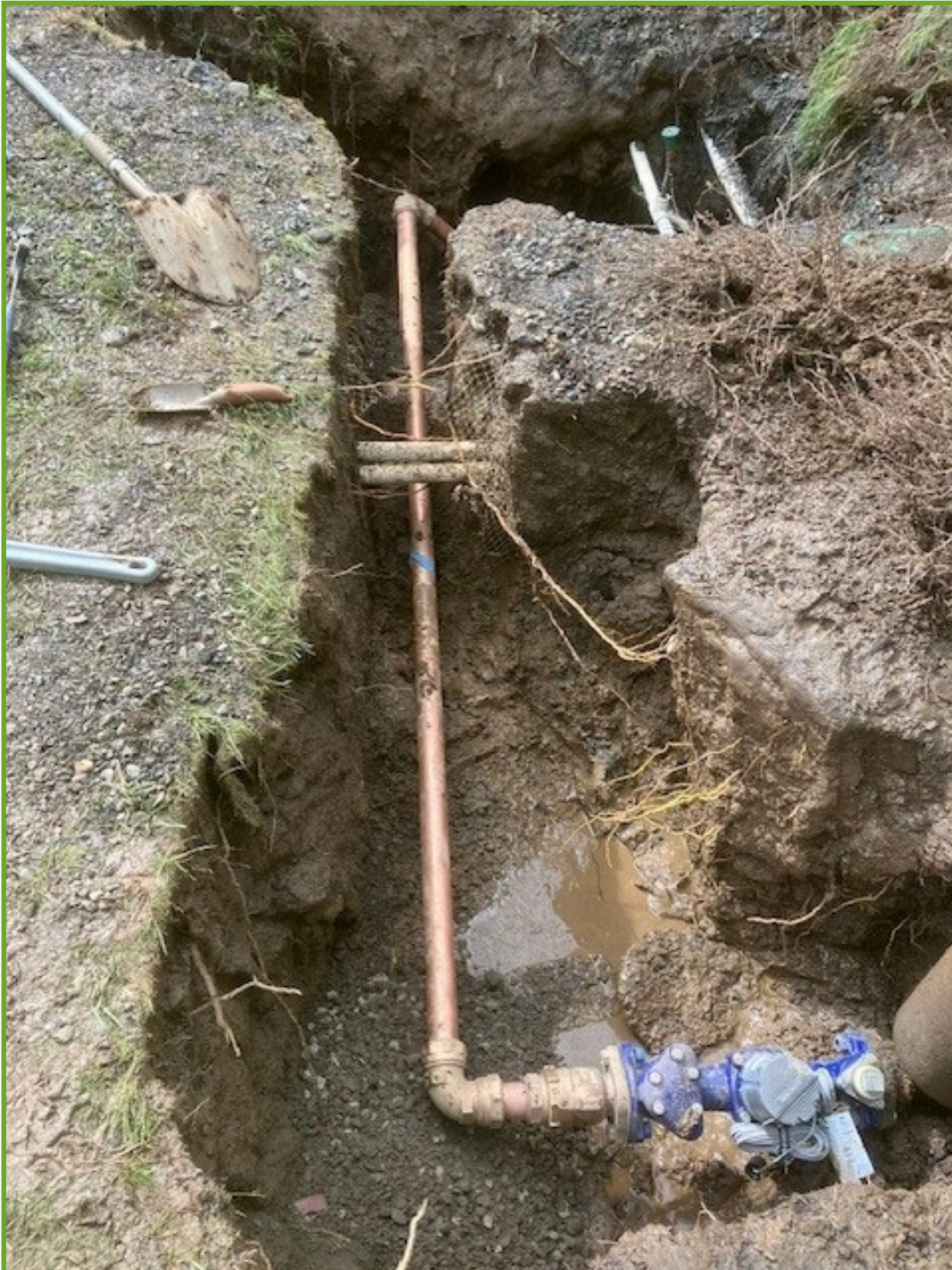
Divers cleaned each of the City's four water reservoir tanks this month. Divers enter the tanks and use a vacuum system to remove debris from the bottom and sides of each tank. The debris is vacuumed into sediment bags (shown below) which are disposed of after the cleaning is finished. This annual cleaning ensures the highest quality drinking water is available to Wilsonville residents and businesses.



Utilities

Galvanized is SO Last Season

Occasionally, a service line is damaged by a contractor during construction. While this can be an inconvenience, it provides the opportunity to improve and upgrade components during the repair process. When a line was recently damaged, the Utilities team decided that the galvanized steel line would be upgraded to copper, a preferred material that offers better corrosion resistance and durability. The newly installed copper line is shown below.



Utilities

It's All About Location

Wastewater technician Luis del Rio prepares for construction in the Frog Pond neighborhood expansion by marking stormwater and sewer lateral lines. Luis is using two colors of paint; locates use the American Public Works Association's Uniform Color Codes. Green is used for sewer or drain lines, blue is used for potable water.

