

From The Director's Office:

During December, staff, owner's representative and the contractor toured the Public Works Complex building and site to identify "punchlist" items that need to be completed, corrected or changed before the project is deemed finally complete. Additionally, the vendors held training session for staff to learn more about the operations and maintenance of various systems such as fire suppression, solar PV, HVAC, plumbing equipment, irrigation, and car charging stations. Furniture was delivered and installed last month bring us one step closer to the completion of this project.



Ponderosa Pine 1 & 2 Conference Rooms in Public Works Building



Best Regards,

Delora Kerber, Public Works Director

Industrial Pretreatment

Permits and Practices

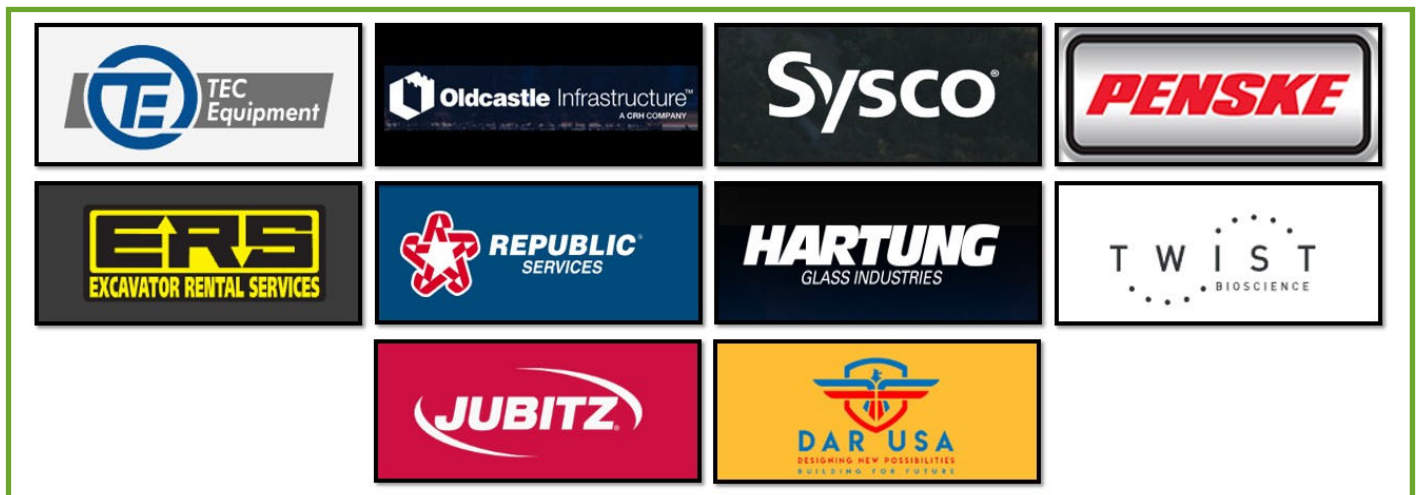
Industrial Wastewater Permits

The Pretreatment Program issues Industrial Wastewater Discharge Permits to businesses that are subject to Federal Pretreatment Standards. These industries meet one of two criteria. Either the industry has a specific manufacturing processes that could harm the wastewater treatment plant (WWTP) or it discharges at least 25,000 gallons of wastewater per day. These Permits require businesses to install and maintain pretreatment equipment, sample their non-domestic wastewater, and submit monthly reports to the City to show compliance with local discharge limits, City Code and Federal Regulations. The image below shows the nine businesses covered by Industrial Wastewater Discharge Permits.



Best management Practice (BMP)

For industries that are subject to general or specific discharge prohibitions, but do not fall under the Federal Pretreatment Standards, the Pretreatment Program issues Best Management Practice (BMP) agreements. BMPs protect the WWTP by creating schedules of activities, prohibitions of practices, maintenance procedures, and other management practices. Similar to Wastewater Permits, businesses install and maintain pretreatment equipment, and maintain monthly reports to show compliance with the agreement. The image below shows the ten businesses covered by BMP agreements.



Utilities— Water

Water Leak under the Golf Course

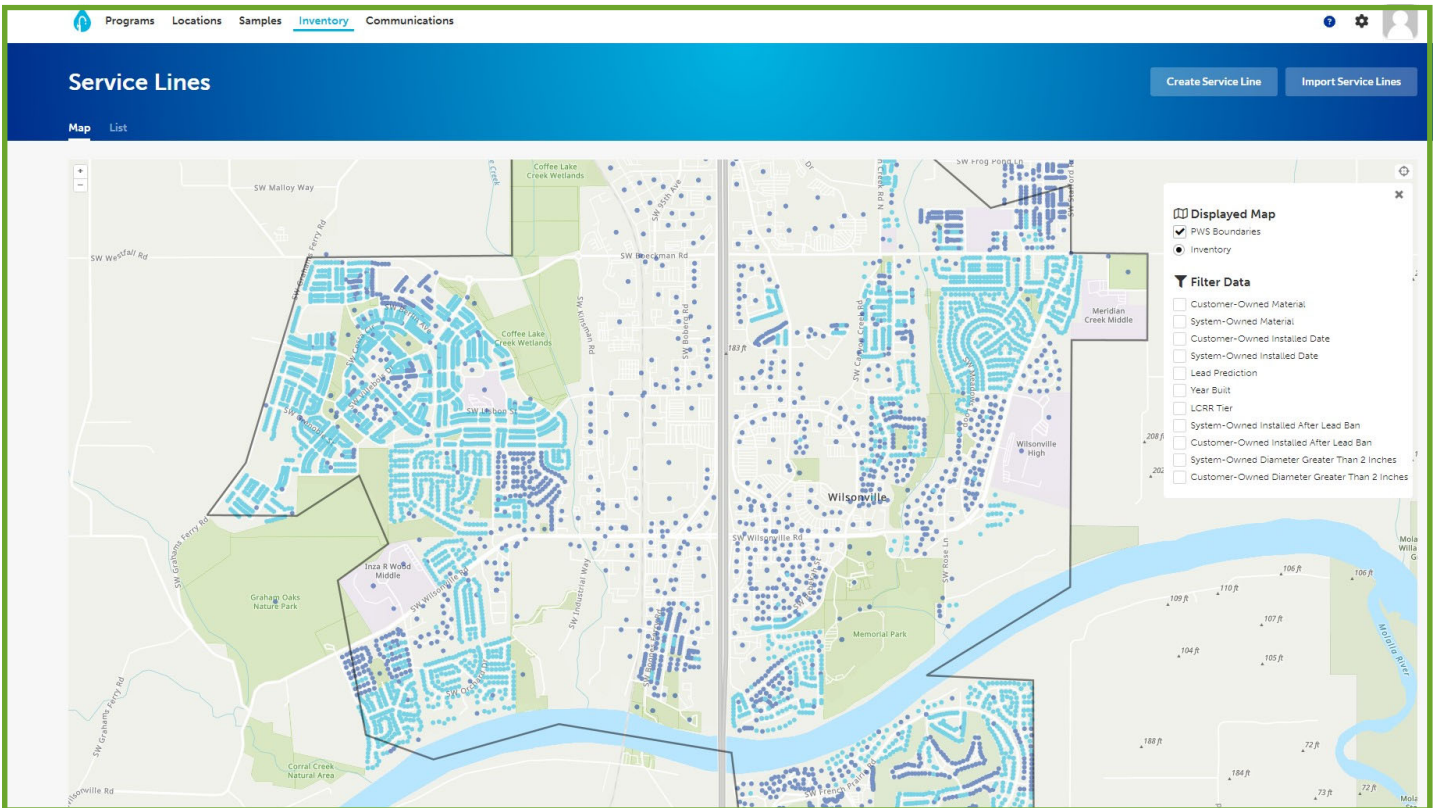
The Utilities Crew kicked off December with repairing a water main break. The leak sprung up on a 6" cast iron pipe that crosses over the Charbonneau golf course. The crew had to brave some pretty harsh conditions, working through cold sideways rain and on a saturated golf course. The location of the leak made the repair a little more challenging than something in or near a road. The crew had to lay down sheets of plywood to drive the excavator across the course and had to carry equipment such as pumps and shoring out to the excavation. Once the pipe was exposed the crew installed a repair band to fix the leaking pipe. The repair was performed while maintaining positive pressure and nobody's water service was affected during the repair. After the rain had let up a few days after, members of the crew had to spend a good amount of time out on the course cleaning up the aftermath of the repair. The crew spent many hours scrapping mud off of the turf and had to wheel barrow loads of fill out to the excavation to bring everything back up to grade.



Utilities- Water

Determining Service Line Material

This month there was a meeting with the City’s consultant 120Water to see the progress that is being made on the service line inventory, which is part of the federally mandated Lead and Copper Rule Revisions to identify the pipe material. Thus far 120Water has imported and cleaned up customer billing information and joined this data with publically available tax records. The next step is to import, clean up and combine the City GIS data. 120Water presented the platform with the data that has been compiled thus far. It is exciting to see all of this information come together and will provide a great jump off point to begin performing field verifications of service lines in the coming months.



Facilities

It was Dirty and Now it is Clean

The Facilities Janitorial Crew works tirelessly to ensure the City's buildings are ready to be used by staff and our community members.

This behind the scenes work is crucial to keeping our facilities in top condition.

Here are examples of the condition of items before cleaning and after the janitorial crew scrubbed them almost spotless.

Before condition



After condition



Facilities

High Up on the Ceiling

Facilities Technicians, Trevor Denfeld and Konnen Bell, assisted the IT department with the installation of the Wireless Access Points (WAP) in building B (aka warehouse) at the new Public Works site.

Though it may seem like a simple project, the mounting hardware needed to be custom fabricated by the Facilities team, to ensure the WAPs would have a strong connection to the building support beams. Would not want one of the WAPs falling and down on someone's head.

The WAPS were installed at heights ranging from 18 to 30 feet the warehouse using a scissor lift.

Custom bracket attached to support structure



Wireless Access Point mechanism



Roads

Scrub a Dub on Street Signs

In right of way maintenance each season brings new challenges, and this winter the month of December was no exception.

Roads staff continued their campaign of cleaning every sign in town as a part of our MUTCD (Manual on Uniform Traffic Control Devices) sign retro-reflectivity compliance.



Roads

Out with the Old and In with the New Winter Street Banners

Last month we removed the fall seasonal banners along Wilsonville Road with brand new winter ones. Our existing stock of canvas seasonal banners were starting to wear thin, fray, and need replaced. So, we decided to replace them with a more durable printed vinyl banner.

With the manufacturing of new banners came the opportunity to update the color scheme. A handpicked team of design experts among Wilsonville staff were chosen for the picking the new colors and we think they look great!!



Roads

Keeping the Rails on Track

Guardrails, handrails, or anything adjacent to the roadway is a motorized vehicle target. The Roads team once again replaced a portion of the handrail along the beauty and the bridge walkway that had been hit and damaged.

Last month staff also took on a much needed and long awaited task of guardrail repair. About 60 feet of damaged guardrail and posts were replaced and spot repairs were completed on other guardrail around town.



Stormwater

Rain, Leaves and More Rain

The Wilsonville stormwater team has encountered a lot of both rain and leaves this December.

Staff actively monitor known problem areas of stormwater inlets, outlets, and drainage ways during this time of year.

To help keep our streets from flooding, staff has been out clearing debris off of catch basins all around town.



Stormwater

Let it Flow

To help minimize water collecting into ponds during a significant rainfall event, Stormwater staff implemented a project to grind asphalt in an area along a curb where there was puddling and insufficient drainage.

First elevations of the pavement were measured then the grade was calculated and marked onto the pavement so the operator of the grinding machine would know how much material to remove to keep the water flowing to the next catch basin.

