





**From The Director's Office:**

In response to Oregon House Bill 2531 which bans the statewide sale of compact fluorescent bulbs beginning in 2025, the Public Works Facilities Team has started installing new, energy efficient light emitting diodes, more commonly known as LED light fixtures. Compact fluorescent bulbs have long been a challenge to recycle safely, and are far less efficient than LED based lighting. This upgrade will provide energy and cost savings for the City facilities.

The first facility to be modified is Parks and Recreation Maintenance Operation building (previously Art Tech High School). City Hall, Library and Community Center will be completed once Oregon Energy Trust rebates funds become available early next year.

Below gives an example of the improved efficiency and reduced wattage used as a result of this conversion. This is yet another action the City is taking to conserve energy.

BRIGHTNESS IN LUMENS		220+	400+	700+	900+	1300+
	STANDARD	25W	40W	60W	75W	100W
	HALOGEN	18W	28W	42W	53W	70W
	CFL	6W	9W	12W	15W	20W
	LED	4W	6W	10W	13W	18W



**Best Regards,**  
**Delora Kerber, Public Works Director**

## Facilities

### New Arrivals

Facilities newest member Devon Dirx, has joined the Janitorial crew. With a great attitude and work ethic, he has been a valuable addition to the team. Welcome Devon!



Janitorial staff James Stroud and Taylor Michael debuting their new KaiVac floor cleaning machine at the WES building. This new equipment will keep the floors clean and sanitary and improve productivity for the whole crew.



## Facilities

### A Place For Everything

An irrigation leak in the City Hall parking lot brought out the Grounds team and Facilities staff who used the vacuum truck to hydro-excavate and repair the leak. The vacuum truck is one of the most versatile pieces of equipment the Public Works team has in their fleet. Used by all divisions of Public Works, this vehicle is an example of how convenient and economical it is to have all of the equipment in one location at the new Public Works Complex on Boberg Road. Teams do not have to make extra trips to gather equipment from multiple locations, speeding repair times and reducing extra driving.



## Facilities

### It's A High Pressure Situation

Facilities team member James Stroud has been busy pressure washing the city's dumpster enclosures, just another way to keep our City looking neat and tidy.



Trevor Denfeld, Facilities Maintenance Technician was busy pressuring washing several facilities roofs, keeping them clear of debris and protected from upcoming winter weather.



## Utilities

### Keep It Flowing

Utilities team members Tim Steele and Louis del Rio using the vacuum truck to clean out a meter box to provide access to the service line in order to verify whether it is made of PVC, Copper or galvanized steel as part of the Lead Service Line Inventory project.



The Water team recently welcomed new technician Jason Roberts (on the right in the photo below), shown here working with David Perfecto to remove overgrown roots around a residential water meter to prevent damage that could interrupt water service to a local home.



## Utilities

### We're All Connected

The Utilities team assisted with the tracer study for the Water Treatment Plant in August. A water system tracer study involves testing the chlorine levels in drinking water at the output point furthest from the Water Treatment Plant. To complete the study a large volume of water needs to be pushed through the distribution system in a relatively short period of time. The challenge of the study is the disposal of the excessive amount of water. This is accomplished by opening fire hydrants within the system, dechlorinating the water and dispersing it into the stormwater system or overland.



## Utilities

### The Camera Adds Ten Pounds

The Wastewater team continued their work using the close circuit television (CCTV) van to visually inspect the City's sewer lines. While most residents may not want to spend too much thought on what happens within the sewer system, it is a critical service which requires consistent monitoring to keep things flowing in the right direction.



## Roads

### Fresh Paint

The Roads team spent most of August focused on the installation of pavement markings. This work can only be done during the driest times of the year. The crew painted approximately one mile of double line yellow on Wilsonville Road from Rose Lane to Advance Road, then transitioned to updating the crosswalks and stop bars all over town. Many of these areas are concrete requiring the old markings to be grinded off. Then the concrete is treated, and the hot thermoplastic is heat applied. This process makes the product last much longer. Our Roads crew are experts at doing this efficiently.





## Roads

### 20/20 Vision

The Roads team was busy getting the sidewalks and right-of-way safe and ready for the increase in pedestrian traffic as the start of school and cooler weather encourage more walkers and cyclists to get out and enjoy the City.



## Stormwater

### The Clean Before the Storm

The month of August is a “go-go-go time” month for our Stormwater team, with a singular focus: water quality facility cleaning. A water quality facility is a “hub” for a stormwater collection system, and it collects the drainage from many access points in a given area such as catch basins, ditch inlets, pond and swale inlets, and even private rain drains. The facility has an engineered structure in it that slows down the water and allows the debris and pollutants to settle into what is called a sump. The materials and pollutants that are collected into the sump are then vacuumed out with one of our large combo vacuum trucks, and the debris is brought back to our facility where they are dewatered. The wet material is filtered and the remaining liquid is put back into the sanitary sewer system, and the dry materials are disposed of in a landfill. There are about 120 water quality structures throughout the city to maintain.

