

**From The Director's Office:**

**Council Goal #5—Implement the Street Tree Replacement Program**

One of the goals of the 2019-2021 City Council Work Plan under Organizational Excellence and Continuous Improvement is #5 - Implement the Street Tree Replacement Program. I am happy to announce significant progress on the completion of this goal occurred when the second Street Tree Planting Event was held on Saturday, October 24, 2020.

To date there have been 32 street trees and 15 yard trees installed as part of this program. The City partnered with the Friends of Trees (FOT), a non-profit organization whose mission is “Planting trees and growing healthy communities together”, for the execution of this project.

Due to safety concerns around the COVID-19 virus, the planting event was unable to bring community members together to plant trees. Only staff and trained planting volunteers were involved in the planting event. Each planting team included two to three people. Face coverings and physical distancing will be required of all planters, to keep volunteers, staff, and community members safe.

Typically, a potluck lunch occurs at the end of the event with food made by the tree recipients as a way to contribute to the tree planting event. This year that option was not available and instead recipients were asked for food donations which were sent to a local community group to support people in need.



*Friends of Trees staff and trained volunteers installing street trees around the City*



**Best Regards,**

**Delora Kerber, Public Works Director**

## Stormwater

### Prevent the Rise, Encourage the Fall

The autumn months keep the crew busy. Fallen leaves can accumulate in the street and clog storm inlets, causing areas of standing water. Backups can happen any time but especially after heavy rains. The crew regularly checks known 'hot spots' on stormy days as well as rely on members of the public to alert them to problems elsewhere in the City. Occasionally, backup issues can be caused by something obstructing the pipes underground, not just due to surface debris. The rainy weather creates the opportunity to find problems underfoot so the issue can be quickly corrected.



*Standing water at crosswalk*



*After clearing curb inlet*

During the fall season, the crew also focuses on cleaning inlets and outlets in detention ponds. Detention ponds are designed to hold water and gradually release it into the stormwater system through a pipe. Downed branches from recent windstorms and fall leaves find their way to the grates during heavy rains. If grates become clogged with debris, the water will not drain and can cause flooding. Regular checks keep inlets clear of debris, ensuring that water flows effectively.



*Debris in detention pond*



*There's a grate under there!*

## Roads

### Timber!

A large Douglas Fir fell in the Memorial Park parking lot following a windstorm. The tree presented a significant hazard, blocking the road and restricting access for park visitors. The crew worked quickly to clear the tree, which was cut into sections and removed from the travel lanes. The remaining debris was blown off of the roadway to make travel safe for pedestrians, cyclists and motorists.

The debris was then chipped and hauled to the City's chip pile to be used in future landscape beds. A new tree will be planted in the same location at a later date, to help bring shade to the parking lot.



*Downed fir tree*



*Lane cleared*

### Getting Ready to be Decorated

Every year, the Leyland Cypress on the corner of Boones Ferry Road and Wilsonville Road is pruned in preparation for the holiday season. It is a two person job—one crewmember trims the bottom of the tree using a pole hedger and the second works in the bucket to access the top of the tree.

Pruning the Cypress keeps it looking tidy and ensures that the tree doesn't outgrow its space. It also prepares the tree for the next step: adding holiday lights in November.



lift

*Things are shaping up nicely!*

## Utilities—Wastewater & Water

### Innovative Inspection Tools

One of the important duties of a wastewater collection operator is to identify assets in need of repair and to diagnose the problem. Without being able to physically view the inside of a buried pipe, the task is nearly impossible without the right equipment. The wastewater crew has created a couple of innovative inspection tools in-house to quickly and safely assess the condition of manholes and sewer mainlines.



*The "Go Pro" nozzle*

Using a set of nozzle skids, a waterproof action camera, auxiliary lights and a part of an old root cutter, the crew fabricated a sewer pipe inspection camera. While connected to the high pressure cleaning hose on the sewer truck, the camera can propel up the entire length of the mainline and then retract back to its starting point. After it is removed, operators wirelessly connect the camera to an iPad to download and view the video. Any issues are entered into Cartegraph asset management software and repairs are planned. The process is similar for manholes, with the camera attached to a long pole and lowered into a confined space. This tool does not replace a detailed closed circuit television (CCTV) inspection but it is useful to quickly diagnose problems in an emergency situation or when there is no CCTV truck available.

### Collaborate, Calibrate and Adjust

Every year a selection of water meters three inches and larger are tested and verified for accuracy. The City uses a contractor who provides a bench tested calibrated meter, which is connected to the meter being tested. Water is run through both meters and compared for accuracy. If necessary the contractor performs any repairs or adjustments to the meter while on site.



*Jerry Anderson and Steve Gering test a large meter*

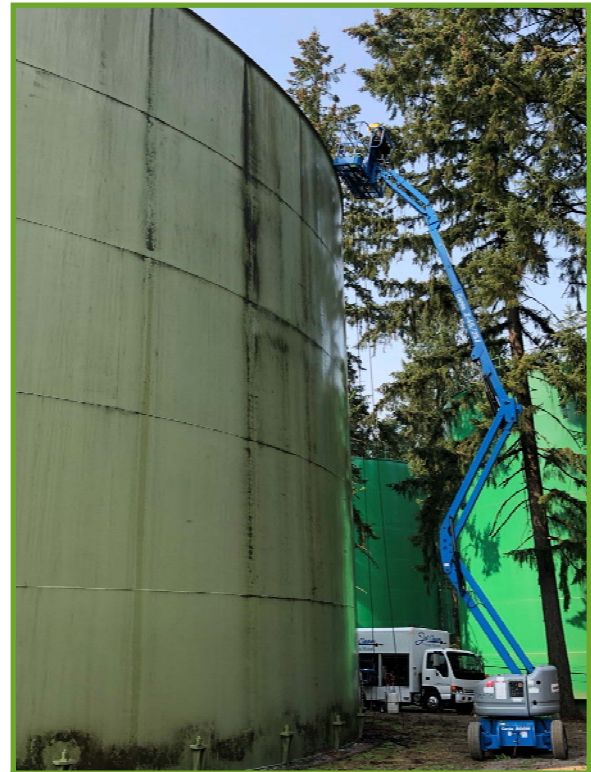
## Utilities—Water

### A Really Big Cleaning Job

In order to maintain the exterior surface coating of water reservoirs, surfaces need to be periodically cleaned. The Wilsonville Water Master Plan recommends this activity occur every five years.

A contractor was hired to perform this work. With the use of a boom lift and two person pressure washing crew the tops and sides of three reservoirs were cleaned.

The cleaning removed the moss, algae, and tree debris that had accumulated on the surface of the reservoirs over the past five years. Not only does the cleaning extend the life of the coating, it also improves the aesthetic appearance of the tanks.



*Using a boom lift to access the roof*



*Pressure washing the sides*



*Finished job*

## Facilities

### Bulky Waste Day

Each year, the City of Wilsonville partners with Republic Services to offer a “Bulky Waste Day”, an opportunity for residents to dispose of bulky waste items, such as furniture or large appliances, that would not be picked up during regular curbside service. In lieu of payment, participants were asked to bring donations of new, wrapped toiletry items for the Wilsonville Community Sharing’s food bank.



*Daniel Morena poses with the donations*

Despite the additional logistics due to COVID-19, the contactless event went smoothly. Each vehicle was weighed before and after unloading to determine the weight of the load. Just over 47 tons of bulky waste was collected and 350 vehicles went through the line during the four hour event on October 10th. Another successful Bulky Waste Day!



*A huge thanks to the Bulky Waste Day crew!*

## Council Goal #5—Implement the Street Tree Replacement Program

Friends of Trees planting event held Saturday, October 24, 2020



*Temporary storage of the trees prior to the planting event*



*Snack and water provided for the event workers*



*Equipment needed for the event workers was placed to ensure appropriate physical distancing*



*Check-in tent and sanitization tent for volunteers*