

From The Director's Office:

October— Earthquake Preparedness Month

On October 21, 2021 at 10:21 am, the Great Oregon Shake Out occurred with over 550,000 participant registered for this year's event. This was an opportunity to practice earthquake safety whether at school, home or work.

Preparation Before an Earthquake includes:

Practice: *Drop, Cover and Hold* with family and co-workers.



Make an Emergency Plan: create a family emergency communication plan that has an out of state contact. Plan where to meet if you get separated. Make a supply kit that includes enough food and water for a couple of weeks.

Protect your home: secure heavy item in you house like bookcases, refrigerators, water heaters, televisions, and objects hanging on walls. Store heavy and breakable items on low shelves.

National First Responder Day occurred on October 28, 2021 to raise awareness, support, celebrate, honor and giving appreciation to our Nation's First Responders for the challenging job they do to protect and enhance our community. Thank you Public Works staff for your commitment to serving the needs of our City.



Best Regards,

Delora Kerber, Public Works Director

Staff Training

Timberrrr!

On October 13, Parks Maintenance and Public Works staff gathered near the new Nature Play Area in Memorial Park for a safety meeting. The new construction area gave staff an opportunity to watch a demonstration on best practices for operating chainsaws and safely felling trees. The meeting covered required safety equipment, proper technique for holding the chainsaw to increase efficiency, and strategies for safely handling debris following an ice storm event.



Parks Maintenance and Public Works staff safety meeting



Roger Moeller teaching felling technique



Chainsaw demo with Tommy Reeder

Utilities—Water

Let the Water Flow

The Water crew conducted a fire flow testing to assist the City Building Department. The fire flow process involves a hose which connects the hydrant to a special flow testing device. During the test, staff slowly open the hydrant, releasing any air inside and filling the barrel with water. Once the hydrant is filled, the gate valve is opened and the nozzle pressure on the remote reader is recorded. The results determine the flow-rates and residual pressures.



Hydrant open during testing



Getting a pressure read

Fire flow tests are conducted on fire hydrants to determine water availability. This information is used for a variety of planning and design purposes including fire sprinkler design, domestic water system design, and evaluating water main extensions.

Utilities—Water cont.

Unexpected Breakdowns

This month the Water Techs encountered a number of unplanned repairs, such as broken freeze plates on water meters, curb stops, and service lines. The crew did an excellent job of quickly responding, stopping leaks and restoring water service as soon as possible. Some damages are caused while construction work is being performed near City maintained utilities, but others are simply due to components reaching the end of their working life.



Steve Gering fixing a domestic meter



Chad Whiting & Randy Burnham clearing roots



Roots growing around the meter box

Utilities—Wastewater

Confined Entry—Extra Caution Needed

The Wastewater crew wrapped up the cleaning sewer lines in the Willamette Way/Orchard area and started cleaning along the Coffee Creek and Parkway Interceptors. Staff is on track for meeting the annual goal of cleaning 20% of the collection system.

The crew performed manhole repairs to seal off infiltration coming into the manholes. Groundwater seeps into sewer pipes or the manhole structure through holes, cracks, joint failures, and faulty connections. Repairs consist of drilling into the manhole structure and injecting a fast-acting grout that seals off the leaking hole or crack. In order to perform the necessary work, staff must use their confined space entry training and a special permit is necessary to enter the manhole. A strict procedure is followed on every entry. Fresh air is pumped into the manhole and gases are monitored to ensure safe working conditions.



Randy Burnham spotting during a confined space entry



The orange tube circulates air in the manhole

Roads & Stormwater

95th Street Repairs

The Roads and Stormwater crews worked together over several weeks to repair damaged sections of 95th Avenue, Day Road and Grahams Ferry Road. These streets are heavily used by commercial and commuter traffic. The original base material included organic material that compromised the road structure. Staff had to completely remove the base material and refill with new gravel. Public Works rented a roller to complete the repair projects.



Removing the existing base



Sealing around the new section



Compacting the new asphalt

Facilities

Prune, Collection and Chip

October marked the start of fall planting and pruning season for Facilities staff. Maintenance Specialist Daniel Morena, led the crew pruning the parking lot trees at the Public Works, Community Center and the newly re-acquired Art Tech property. Crew members followed behind, loading the branches into a chipper. Staff swapped out the mowing deck to our new Multi-Force blower attachment. It saves time and labor by blowing leaves from large areas, like lawns and parking lots, into accessible piles. The hitch-mounted vacuum and leaf collection box makes the job less labor intensive. Daniel also added some festive fall pansies to the planters at Public Works and in front of the City Hall sign.



The team tackling fall pruning



Javid Yamin chipping woody debris



Our new vacuum and leaf collection box!



Daniel Morena planting fall color

Facilities cont.

Bulky Waste Day 2021

On Saturday, October 23, Public Works teamed up with Republic Services to host another successful Bulky Waste Day. The event is popular with residents, offering an opportunity to dispose of large items free of charge. In lieu of payment, donations to the Wilsonville Community Sharing Food Bank were requested. Just over 57 tons of waste was disposed and 309 vehicles were processed. A huge 'thank you' to the Wilsonville community for their donations!



Thank you, Bulky Waste Day 2021 team!



Gio Bazan and Trevor Denfeld with donations



Over 57 tons of waste was collected