



Public Works

Monthly Report

Administration ♦ Airport ♦ Engineering ♦ Maintenance ♦ Parks & Open Space ♦ Wastewater

July 2020

Wastewater Helps Project Share 2
New Wastewater Intern 2
Maintenance Traffic Ops Helps Clean Up 2

Engineering

GIS System Architecture Design Evaluation

As part of the Telecom Project Funding Program, we hired a nationally-recognized consultant (GIS Inc.) to evaluate our current GIS architecture and provide recommendations for the hardware, software and technical workflows. In April, the consultant conducted a variety of interviews with City staff to document our current system and identify future improvements. We received the final report in mid-July that included recommendations for optimal methods to store, maintain and serve GIS content. The key short-term recommendations included greater reliance on web-based workflows and improved methods to store operational data. The long-term design recommendation involved the acquisition of two new virtual machines to support the components of our corporate GIS software, along with the option to use cloud technologies.

Welcome New Engineering Interns

Brooke Annotti will be our Public Works Engineering CECOP Intern for the summer and fall by way of Portland State University. She is a senior studying Civil Engineering with an interest in sustainable structures and the impacts infrastructure development has on our community, culture and environment. During her time here, Brooke will be wearing numerous hats, from staking and topographic surveying, to construction support and inspection.

When not working, Brooke is a regular volunteer at the Oregon Food Bank, dog training (she has an adorable corgi, Ghost), being creatively artistic, sailing with family, and reading. She is hoping to be immersed in Eugene's culture and learn more about our great city.

Brooke's desk is on the 3rd floor of the Wells Fargo building and we welcome everyone to swing by her desk (from at least six feet away), or virtually reach out and say hello. Welcome Brooke!

Cooper Frantz-Geddes comes to us from Oregon State University (Go Beavs!) where he has one term left to complete his B.S. in Civil Engineering. Cooper is a member of the CECOP internship program and will work with the City of Eugene for six months as part of his second internship. His engineering interests are in transportation and planning. While studying hard at OSU, he also found time to join in on the concrete canoe team. When Cooper isn't in school, he likes to spend his time hiking, backpacking and baking.

Welcome Cooper!



Brooke Annotti
(above) and Cooper
Frantz-Geddes



Wastewater

Biocycle Farm Irrigates with Recycled Water

Summertime at the Wastewater Treatment Plant also means irrigation season at the Biocycle Farm. On average, we will use about 40 million gallons of recycled water to irrigate our poplar trees over the summer. Recycled water is completely treated wastewater that would normally be returned to the Willamette River. We have been utilizing recycled water on-site at Wastewater



for over 30 years for landscape irrigation, biosolids filter press operations, and tree irrigation. Use of recycled water is a sustainable practice that has many benefits including reducing demand on freshwater supplies. We are currently exploring the expansion of our recycled water program to produce recycled water for off-site uses. Some of the benefits of expansion include developing compliance strategies for future regulations, partnering with our community and other agencies, and demonstrating safe and effective use of this renewable resource to the public.

Ice Cream Rewards Participation in Project Share

The Wastewater Division enjoyed some ice cream from the Springfield Utility Board (SUB) as a thank you for the Metropolitan Wastewater Management Commission’s sponsorship of SUB’s fundraising events. SUB’s Project Share helps both low-income SUB customers and those who have lost employment due to the COVID-19 pandemic with their electricity bills. Due to COVID-19, the program’s main fundraiser was canceled.

Since July is National Ice Cream month, Lochmead Farms and Dari-Mart partnered to donate a portion of their July ice cream sales to the programs. In line with COVID-19 precautions, the ice cream was packaged in individual servings, the servers wore face coverings and gloves, the site was disinfected, and seating was arranged to maintain social distancing.



Intern Inspired by Senior Tour

Summer is here and that means it is time to welcome our new intern, **Josh Tergesen**. Originally from Eugene, Josh toured the treatment plant as a senior at South Eugene High School and was inspired to pursue a career in the environmental field. After graduating from South Eugene High School, he continued his education at Linn Benton Community College in their Water, Environment and Technology School where he earned his wastewater operators degree. Now he is back in Eugene and excited to work with us this summer.

The internship program has been in existence for over 30 years. Our goal is to grow awareness of opportunities within wastewater careers by exposing students to hands-on learning experiences. We work to inspire and educate our interns and to grow the next generation of wastewater workforce through career exploration and training opportunities.

Welcome Josh!

Maintenance



Traffic Operations Team Answers the Call

The evening of July 25th started with peaceful protests in downtown Eugene and at the Federal Building. Later in the night, those protests evolved into rioting behavior with significant damage to Elkhorn Brewery, Whole Foods, and Wells Fargo buildings. Along with broken windows came graffiti. That’s when the traffic operations team answered the call early Sunday morning to remove graffiti from the street and repair damage to the Broadway Streatery.

Thanks to Caitlin Francalancia, Brandon Ranch and Kris Olson for doing the right thing to clean up our streets.