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**Subject:** West Point Treatment Plant 2022 progress and 2023 construction; answers to your questions; and an Interbay Sewer and Odor Control Project update



Hello from the West Point Treatment Plant!

The West Point Treatment Plant (West Point) provides wastewater treatment for approximately 700,000 residents and businesses in Seattle and northern King County. With many mechanical, electrical, and support systems at West Point reaching the end of their useful life, King County is investing more than \$660 million over the next 10 years to upgrade the treatment plant. This investment will focus on protecting ratepayer investments by improving system reliability, protecting worker and public safety, and protecting the environment.

King County accomplished a lot of work in 2022 at West Point. In fact, so much was done we had to sort through all the highlights we wanted to share with you! Below are just a few accomplishments that will help West Point continuously treat your wastewater 24/7, 365 days a year. More projects are getting started in 2023 and beyond. The West Point projects replace and upgrade old equipment to safeguard the treatment plant against climate change impacts and natural disasters.

### **A Few of West Point's 2022 construction and operating highlights:**

1. Began major construction of West Point's battery power building to improve plant resiliency and power reliability. This required demolishing a storage building. Demolition was completed by December 2022. New pilings were installed and completed in January 2023.
2. Work was done to improve structural integrity and seismic resiliency above the sedimentation tanks. The roof was removed and we are preparing to make odor control improvements.
3. Improved power reliability of inflow and outflow pumps to make them less susceptible to power quality issues



May 2, 2022



September 1, 2022



October 1, 2022



January 11, 2023

## Protecting public health and improving resiliency against climate change and natural disasters at West Point

In 2023, construction will continue at West Point as we complete several projects and break ground on others. All projects will take place within the boundary of the West Point Treatment Plant. These projects are vital to ensuring that King County's West Point Treatment Plant protects public health and the environment as climate change impacts our communities.



Discovery Park visitors who travel to the South Beach area or travel along Discovery Park Boulevard may experience heavy construction truck traffic, hear construction noise, and see large equipment such as cranes and excavators within the treatment plant.

Visitors to Discovery Park will be notified ahead of time if any work takes place outside of the treatment plant or impacts areas adjacent to the treatment plant.

**Current or new projects in construction at West Point in 2023:**

1. Complete seismic upgrades to our primary sedimentation tanks
2. Continued replacement of gas pipes from digesters
3. Foundation construction of new battery power building for Power Quality Improvement project
4. Replacement and refurbishment of air system and monitoring equipment
5. Complete power monitoring upgrades
6. Complete replacement of flow meters
7. Replacement of oxygen distribution equipment
8. Replacement of equipment needed for oxygen generation
9. Upgrades to power monitoring systems on high-energy equipment
10. Refurbishment of a large pump that moves wastewater from primary treatment to secondary treatment
11. Installation of a warning system throughout the Plant for high-flow events
12. Upgrade of backup battery power supplies for equipment controls around West Point

**We heard you and want to answer your questions**

We engaged with many of you throughout the year. We briefed several local organizations, hosted an online public meeting and online open house in September, attended Discovery Park’s 50<sup>th</sup> Anniversary celebration in October, and provided several online notices about construction work and impacts.



### WE WANT TO HEAR FROM YOU!

Visiting our [West Point Online Open House](#) is a great way to stay up to date on all that is happening at the plant and let us know what you think! This online open house covers some of the larger projects currently underway or about to begin at the treatment plant. Here are some questions we received from community members that you may find interesting: Below you will find answers to questions we received from our online open house:

1. There's too much private vehicle traffic on Discovery Park Blvd! Will your work improve this?

Seattle Parks and Recreation is responsible for managing vehicle access to the South Beach and Lighthouse parking lot at the end of Discovery Park Blvd. King County's West Point improvement projects will not improve private vehicle traffic along Discovery Park Blvd. Almost all the work taking place is confined to inside West Point Treatment Plant's current footprint. Visitors and residents of Discovery Park may notice increased truck traffic along Discovery Park Blvd during this winter as contract crews bring in large equipment and cement for various projects at West Point.

2. Please delineate the extent of tree canopy area to be removed, and the number and species of trees to be planted with the plant management aspect of the project.

All the projects discussed at the September 29 public meeting and on the October 2022 West Point Online Open House are within the current West Point Treatment Plant area. No trees will need to be removed.

### 3. Will the odor control work omit bad odors as you approach the lighthouse?

Several new projects will help reduce potential odors around West Point. The first is the grit classifier replacement project. The grit classifier equipment removes heavy inorganic materials, such as sand, gravel, and minerals from the wastewater flow during preliminary treatment. This project will plan, design, and implement all work necessary to replace or refurbish failing grit classifier equipment at West Point. Within the grit classifier area, a new washer system will be installed. This system is specifically designed to reduce odors.

Additionally, West Point’s seismic upgrades to the roof of the Primary Sedimentation Tank areas are introducing odor control measures. This project is in its second year of construction. The old roofs have been removed and the contractor is beginning to stage equipment to install the new, seismically sound roofs.

## Interbay Sewer and Odor Control Project Update



### Major construction on trunk pipes and improving odor control to begin mid-2024

King County plans to begin work to upgrade one mile of aging sewer pipe in Seattle’s Interbay neighborhood in mid-2024. Previously, construction was estimated to begin in mid-2022. The County pushed construction out to allow more time to acquire the necessary permits to complete the work and combine construction contracts to streamline the project work.

King County expects to hire a contractor as early as Fall 2023. Minor construction, fieldwork, and staging of equipment may start Winter of 2023/2024 to prepare for major project work. Major construction, including excavation, pipe installation, and pipe relining, will begin in the Spring of 2024. View [project updates](#) for more information.

## Sign up for Interbay project alerts

Be sure to [sign up for project updates](#) to stay up-to-date on the latest project information and upcoming events. To sign up for text alerts, text KING INTERBAY to 468-311.

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**For more information** contact WTD's project information line at **206-296-7432**. Calls will be returned within one business day. Or visit the project web page [West Point Treatment Plant](#)



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