Bull Run
TREATMENT
PROJECTS

Our water: Safe and abundant for generations to come

PORTLAND WATER BUREAU

Bull Run Filtration Project

Site Advisory Group

Good Neighbor Language

PORTLAND WATER BUREAU
FROM FOREST TO FAUCET

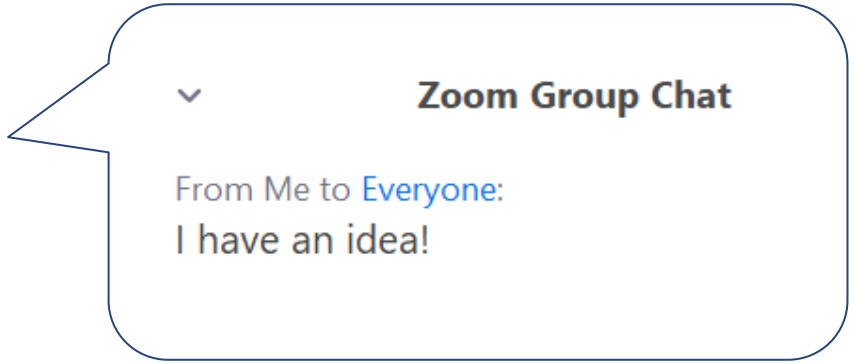
CITY OF PORTLAND OREGON 1851

Agenda

1. Project Update
2. Good Neighbor Language
3. Site Advisor Discussion
4. Next Meeting

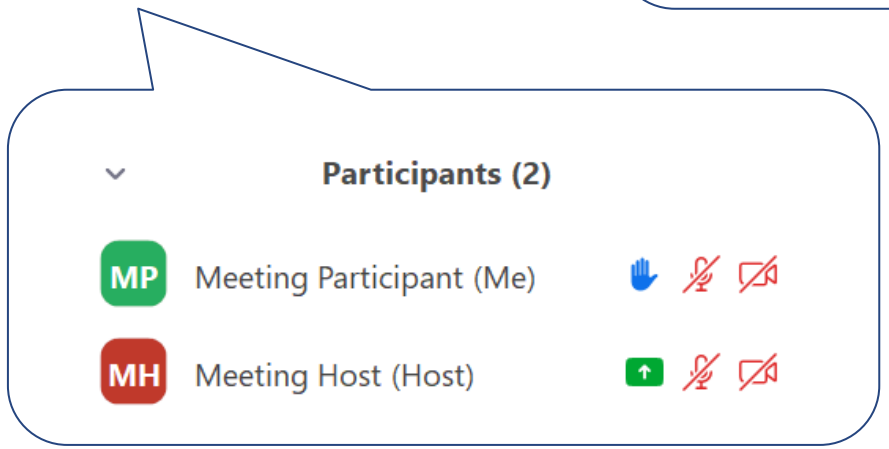
Conference call meeting tips

Using the Zoom tool bar, you can:



Mute/unmute your mic

Turn on/off your video



Recording

✓ We'll post the meeting recording on the website with a summary

Project Update

- Continuing detailed design work for filtration facility (update planned at June meeting)
- Received OHA approval of preliminary planning and pilot study findings
- Completed two months of drilling work along the pipeline routes and at the facility site that's helping guide design
- New silo was delivered to Lusted Hill as part of ICCT construction

Silo installation at Lusted Hill facility

Heads up: traffic impacts coming soon

- Scheduling install of water line under SE Lusted Road near Lusted Hill facility
- Work will likely require closing SE Lusted Road to through traffic
- Road signage and traffic controls will be in place during work
- More details upcoming!

Construction Updates

portland.gov/ICCT_Construction

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Good Neighbor Agreement

Good Neighbor Agreement

- **Goal:** foster open communication by identifying and resolving community concerns early in the project
- **Outcome:** document that reflects the Water Bureau's commitments to filtration facility neighbors

Organized by Topic

- Communications
- Facility Architectural Design
- Facility Lighting Design
- Facility Sound Design
- Site Landscape Design
- Site Stormwater Management
- Facility Construction
- Facility Operation

Feedback on draft Good Neighbor language

Community Feedback Survey

- March-May 2021
- Shared through Site Advisory Group, social media, project e-news, and postcard mailing

Feedback Themes

- Communications: timely notification and avenue to resolve issues
- Lights and sounds: limiting off-site impacts
- Safety: truck traffic and maintenance of rural roads
- Environment: limiting impacts

Agreement Milestones

Good Neighbor Agreement

- **June 2021:** finalize agreement using community feedback
- Shared with project team and community

Neighbor Information Meetings

- Quarterly or at design milestones
- Opportunity to share information and assess agreement commitments
- **Sept. 2021**
- **Jan. 2022**

UPDATED DRAFT LANGUAGE:
Communications

Commit to maintaining ongoing two-way communications with facility site neighbors to identify opportunities and resolve concerns during design, construction, and ongoing operations of the filtration facility.

Strategies will include:

- Providing regular project updates through the Bull Run Treatment Project e-newsletter.
- Maintaining up-to-date information on the project website (portland.gov/bullrunprojects).
- Providing in-person or virtual informational updates and opportunities for discussion to Site Advisors at key design milestones and at least quarterly throughout construction.

UPDATED DRAFT LANGUAGE:
Communications cont.

Strategies will include:

- Providing two weeks advance notice of lane closures or anticipated traffic delays during construction activities.
- Continuing outreach to local businesses to help identify strategies to reduce potential traffic impacts from construction activities.
- Dedicating a communications lead during design and construction of the facility, who will respond to emails or phone calls within two business days.
- Sharing contact information for the identified communications point person once the facility is in ongoing operations.

UPDATED DRAFT LANGUAGE:

Facility Architecture Design

Design facility structures to be as unobtrusive as possible to neighboring properties and to be in keeping with the agricultural and rural nature of the local surroundings.

Strategies will include:

- Designing structures with a low profile wherever operationally feasible.
- Using natural-looking building materials and finishes that have muted, earth tones to help integrate the facility with the surrounding landscape.
- Using design attributes of the agrarian and Pacific Northwest architectural styles to help the facility fit in with the surrounding community.
- Screening the site approach with landscaping and by setting the entry gate back from the perimeter.
- Fencing only the area needed and leveraging landforms and landscaping where possible to help screen security fencing for the facility.
- Placing the communications tower in a location to help reduce visual impacts.

UPDATED SAMPLE LANGUAGE:

Facility Lighting Design

Use design best practices to help shield the filtration facility lighting at the source and minimize night-time impacts to neighboring properties and wildlife. The facility lighting will be designed to comply with Multnomah County's applicable lighting standards.

Strategies will include:

- Designing lighting levels to be no brighter than necessary for operational safety and facility security around and within the facility.
- Limiting exterior lighting to areas where needed for operational safety and facility security.
- Using fully shielded fixtures that direct light downwards so that light is contained on site.
- Using separate modes of lighting for routine night-time operation and for emergency and critical maintenance scenarios to help reduce potential off-site lighting impacts.
- Leveraging use of landforms and landscaping at site edges where possible to help shield facility lighting.

UPDATED SAMPLE LANGUAGE:
Facility Sound Design

Use various noise-limiting design measures to help reduce off-site sound impacts from the filtration facility. The facility will be designed to comply with applicable Multnomah County and Clackamas County sound standards.

Strategies will include:

- Designing pumps, equipment, and facility processes to mitigate potential off-site noise impacts.
- Leveraging use of landforms and landscaping where possible to help block sounds.
- Designing facility to meet code limit of 60 decibels during daytime and 50 decibels at night, as measured by the applicable county standards.

UPDATED DRAFT LANGUAGE:
Site Landscape Design

Use various landscaping design strategies to help buffer and screen views of the filtration facility from neighboring properties.

Strategies will include:

- Designing landscape buffers with native plantings that encourage pollinators.
- Using native forest with plant understory and meadow with stands of native trees to help buffer the facility from neighboring properties.

UPDATED DRAFT LANGUAGE:

Site Stormwater Management Strategy

Incorporate stormwater management strategies into the facility and site design to match current normal stormwater flows.

Strategies will include:

- Working with adjacent site neighbors to develop a better understanding of current stormwater conditions and how water leaving the site affects them.
- Using stormwater swales and basins throughout the site to manage runoff during normal and large storm events.
- Using trees, understory plants, and groundcover dispersed through the site to hold and transpire stormwater.
- Continuing outreach to Johnson Creek Watershed Council to discuss stormwater management concepts.

NEW DRAFT LANGUAGE:
Facility Construction

Take steps during facility construction to prioritize safety of the community and workers and to minimize disruption to neighboring homes and businesses.

Strategies will include:

- Sequencing construction activities to help reduce truck traffic impacts on local roads.
- Providing signage and traffic control when temporary lane closures or detours are needed.
- Maintaining access to emergency vehicles and homes during construction.
- Using temporary sound-reducing strategies where practical to help reduce off-site noise impacts from construction activities.
- Working with local authorities to understand maintenance and restoration needs for local roads used to access the facility site during construction.
- Providing notice to neighbors of seasonal changes in normal construction work hours.

NEW DRAFT LANGUAGE:
Facility Operations

Plan facility operations with the goal of making the facility as unobtrusive as possible to site neighbors while reliably delivering clean, safe drinking water to customers.

Strategies will include:

- Selecting inherently safer technologies and implementing safety protocols for delivery and storage of treatment chemicals.
- Planning for educational facility tours to be guided and by scheduled appointment.
- Considering a primary site access for ongoing facility operation, with a less frequently used secondary access.
- Specifying preferred delivery times in contracts with vendors.

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Discussion and Feedback

What’s next? Site Advisor meetings

Good Neighbor Commitment

Thurs. June 10, 6-7 pm

Facility & Pipeline Design Update

September 2021

Facility & Pipeline Design Update

January 2022

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Thank you!

Learn More portland.gov/bullrunprojects