

# Connecting to audio...

FYI: this button collapses and expands this panel

- Via computer speakers:
  - select “Computer audio”
  - You should NOT have “Phone call” selected if you are using your computer mic and speakers. This may create an echo during Q&A.
- Via phone:
  - Select “Phone Call” and enter your assigned PIN.
  - You should NOT have “Computer audio” selected if you are dialed in via phone. This may create an echo during Q&A.
- If you DO NOT HAVE the “Phone call” or “Computer audio” options and are dialed in via phone, muting your phone is all you need to do.

FYI: this button self mutes

“raise hand” button

You can submit questions here

The screenshot shows the Zoom audio control panel. At the top, there is a 'Sound Check' button. Below it are three radio buttons: 'Computer audio' (selected), 'Phone call', and 'No audio'. A 'MUTED' indicator is visible. Below the audio options are dropdown menus for 'Microphone (High Definition Audio...)' and 'Speakers (High Definition Audio Devi...)', along with a volume slider. The 'Attendees' section shows 'Don Ray's Laptop (Me)' and 'Paul Biscardi'. At the bottom, there is a 'Questions' button. Red arrows point from text annotations to these specific elements: one to the top-left arrow button, one to the 'Sound Check' button, one to the 'MUTED' indicator, one to the 'raise hand' button, and one to the 'Questions' button.



Fourth Water Plant

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# Fourth Water Plant Contractor Information Meeting

April 16 and 17, 2024



# Welcome and Introductions

- City staff
- Hazen staff



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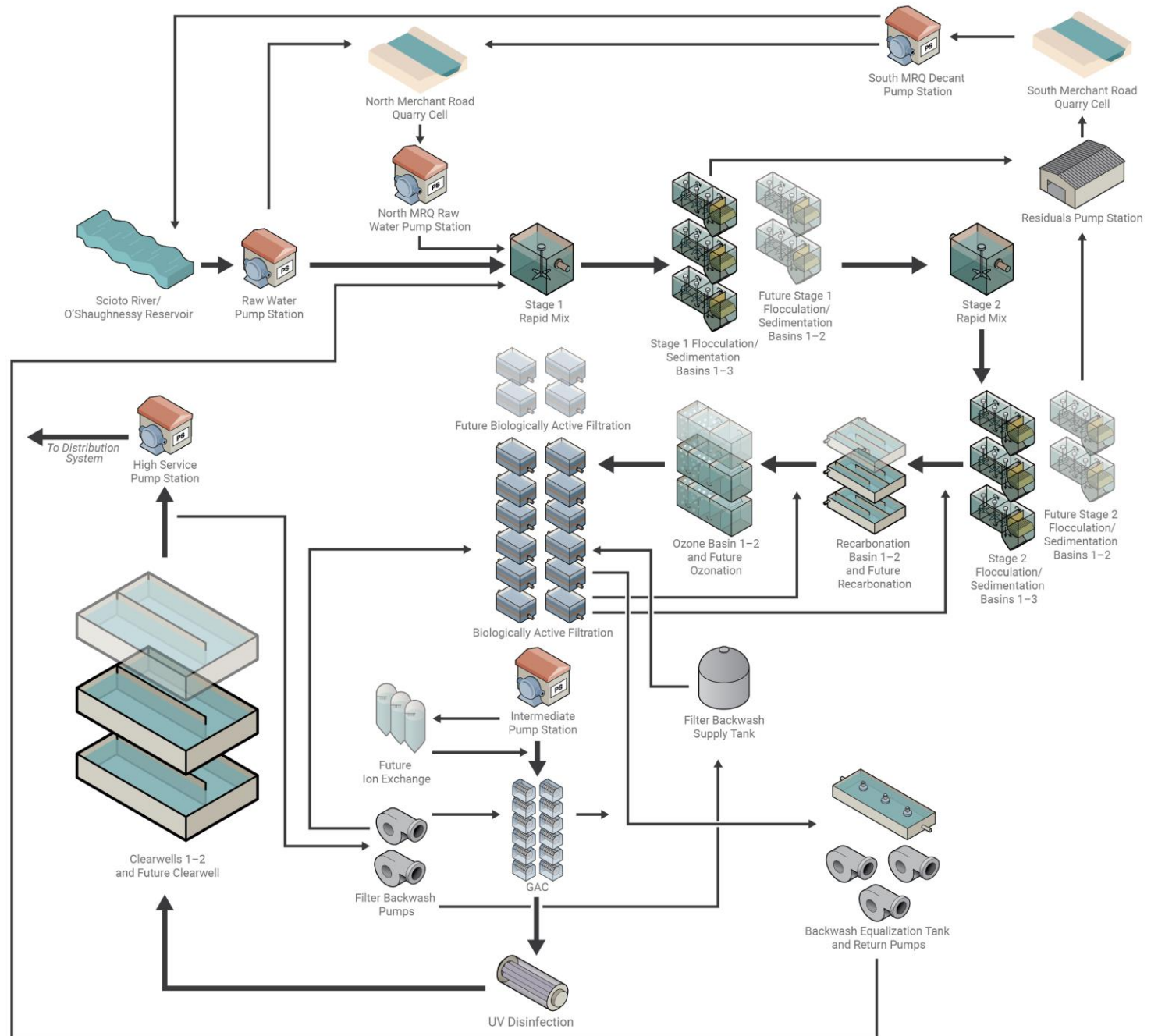
# Fourth Water Plant (FWP) Project Overview

- Scheduled to bring plant online by the end of 2028
- Initial capacity 48 MGD, expandable to 80 MGD.
- Plant located in Delaware County – Southeast corner of SR 745 and Home Road, west side O’Shaughnessy Reservoir.
- Separate contracts to design/construct transmission mains from FWP to Columbus distribution system.
- Just completed Preliminary Design and beginning Detailed Design. Concepts/ideas shared during presentation are subject to change.
- Project information, updates can be found at <https://cbuswater4.com/fourth-water-plant-project/>



# Proposed FWP Process Flow

## Columbus Fourth Water Plant Process Flow Diagram



# FWP Site Plan



Scioto River/  
O'Shaughnessy  
Reservoir

Cemetery  
(To Be Preserved)



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Fourth Water Plant — 48 MGD Capacity

# Quarry Site Plan



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Fourth Water Plant Quarry

# Project Schedule – Early Contracts

- Early Electrical Package
  - Bid Advertisement: May 2024
  - Bid Opening: July 2024
  - Anticipated NTP: October 2024
  - Construction: October 2024 – March 2028
- Early Site Package
  - Bid Advertisement: June 2024
  - Bid Opening July 2024
  - Anticipated NTP: November 2024
  - Construction: November 2024 – May 2026





# Project Details – Early Contracts

- Early Electrical Package
  - Preliminary Estimate: \$158M
  - Construction of 138kV substation
  - Construction of duct bank between substation and FWP
  - Procurement/installation of diesel generators
  - Procurement/installation of main switchgear at FWP
  - Procurement/installation of high service pump station switchgear at FWP
  - Procurement/installation of unit substations at FWP
- Early Site Package
  - Preliminary Estimate: \$157M
  - Site clearing, tree removal, rock removal, mass excavation
  - Existing utility, pavement and building demolition
  - Widening Dublin Road for dedicated turn lanes for access to FWP
  - Grading at 138kV substation
  - Sediment, erosion control, storm sewers



# Project Schedule – FWP

- **Fourth Water Plant (FWP)**
  - **Bid Advertisement: June 2025**
  - **Bid Opening: September 2025**
  - **Anticipated NTP: December 2025**
  - **Substantial Completion – 16 MGD: January 2029**
  - **Substantial Completion – 48 MGD: January 2030**
  - **Final Completion: April 2030**



# Project Details – FWP

- Preliminary Estimate: \$950M
- Intake in O'Shaughnessy Reservoir
- Raw water pump station
- Intake/pump station in North Cell of Merchant Road Quarry
- Residuals disposal in the South Cell of Merchant Road Quarry
- All water plant facilities not constructed under the early electrical and site packages (e.g., administration/maintenance building, treatment structures/buildings, clearwells, high service pump station, etc.)



# Project Bidding Requirements

- Prequalification of Bidders

- Bidders must be qualified at the time of bid opening
- See Announcement for timing – apply at least 30 days prior to bid opening

<https://www.columbus.gov/finance/financial-management-group/office-of-construction-prequalification/>

- MBE/FBE Registration

- Small business participation goals will be included in these projects. Goal for Early Electrical is 15%.
- Firms used to meet MBE/FBE goals (both prime or subs) must be registered with the City
- Highly encouraged to be registered at the time of bid opening

<https://columbus.diversitycompliance.com/>



# Questions

- Submit questions to [lcunningham@hazenandsawyer.com](mailto:lcunningham@hazenandsawyer.com)



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