

Stormwater Wastewater Facility Construction Phase

March 29, 2022

Building Design and Construction Division



Agenda

- Welcome
- Team Introductions
- Project Overview & Updates
- Proposed Construction Phasing, Operations & Schedule
- Project Communication
- Questions & Answers

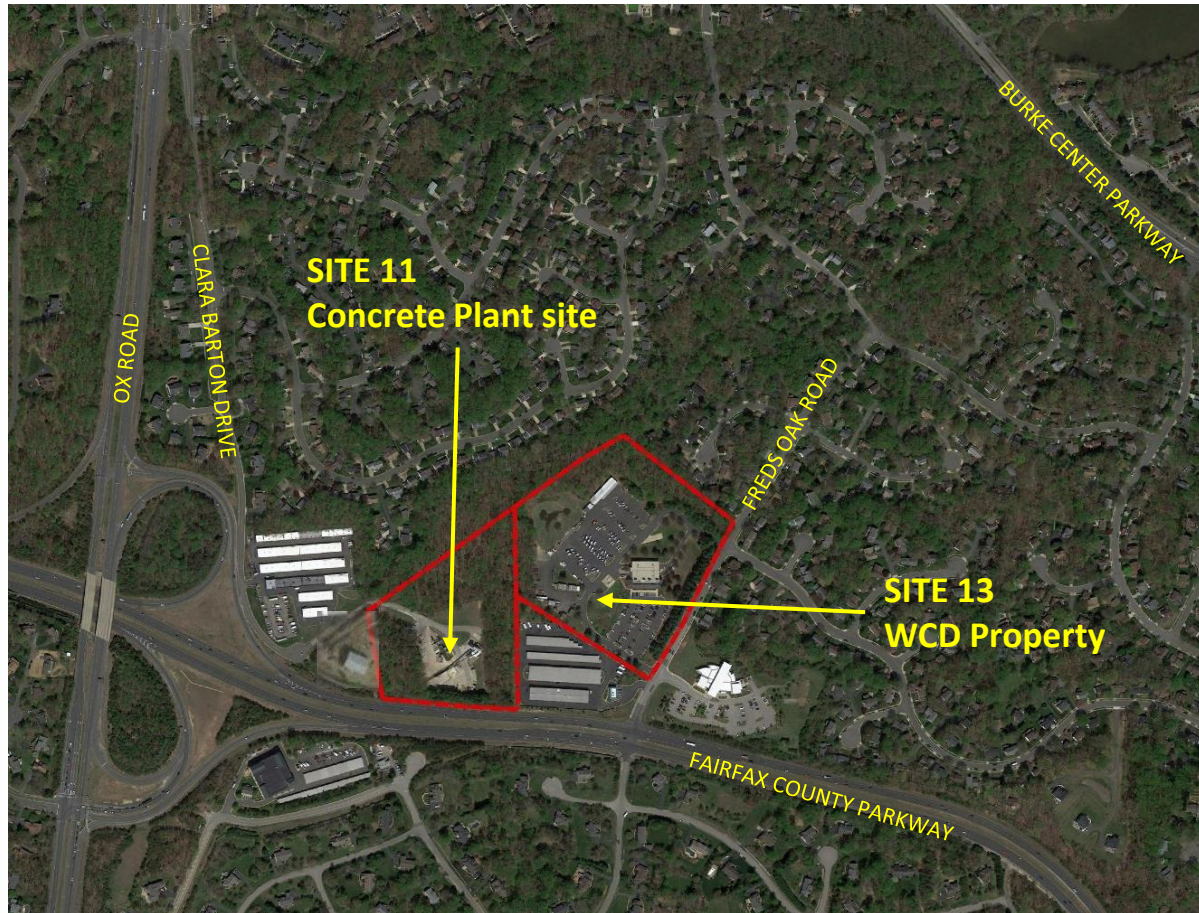


Project Team

Project Team

- Stormwater and Wastewater Divisions
- Building Design and Construction Division – CAP/DPWES
- Michael Baker Int. – Architect of the Record
- Manhattan Construction Company – General Contractor

Project Overview



Site 11:	9.3 acres
Site 13:	14.4 acres
Total:	23.7 acres

Benefits of Consolidated Facility

- Building and Site Efficiencies
- Operational Efficiencies
- Addresses Space Deficiencies
- Addresses Renovations and Capital Renewal Requirements for WCD
- Provides for a Centrally Located Site that Accommodates Program
- Consolidates Integrated Services on One Centrally Located Site

Site Plan



Site Plan



Project Enhancement



Photovoltaics Panels



Green Roof



Stormwater Cistern



Rainwater Harvesting



Green Wall



Pervious Pavement Types



Geothermal



Fence

Features

- Targeting LEED Gold Certification
- Green Roof
- Solar Ready-Photovoltaics Panels
- Electrical Vehicles Ready
- Geothermal
- Rainwater Harvesting
- Stormwater Cisterns
- Natural Landscaping
- Bioretention Facilities
- Pervious Pavement Types
- Green Wall
- Video Wall
- Education
- Fencing

Administrative Offices & Support Area - Building 1



Building 1 – South Façade Front Elevation



Building 1 – North Façade Main Entrance

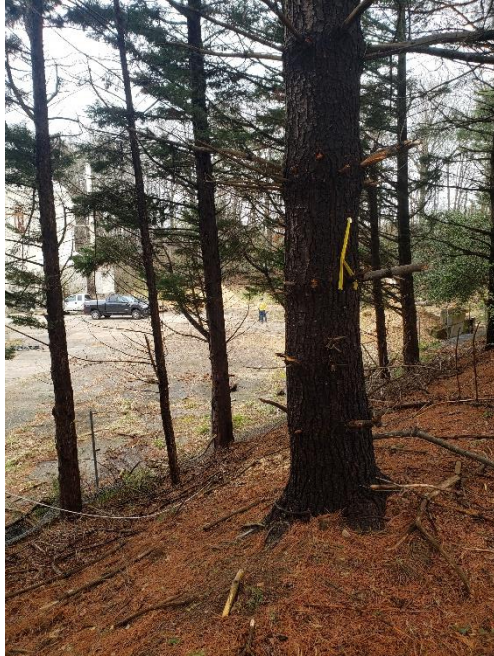


Building 1 – Main Entrance

Proposed Construction Phasing



Construction Activities



Notice-to-proceed issued: March 15, 2022

Work Underway or Completed:

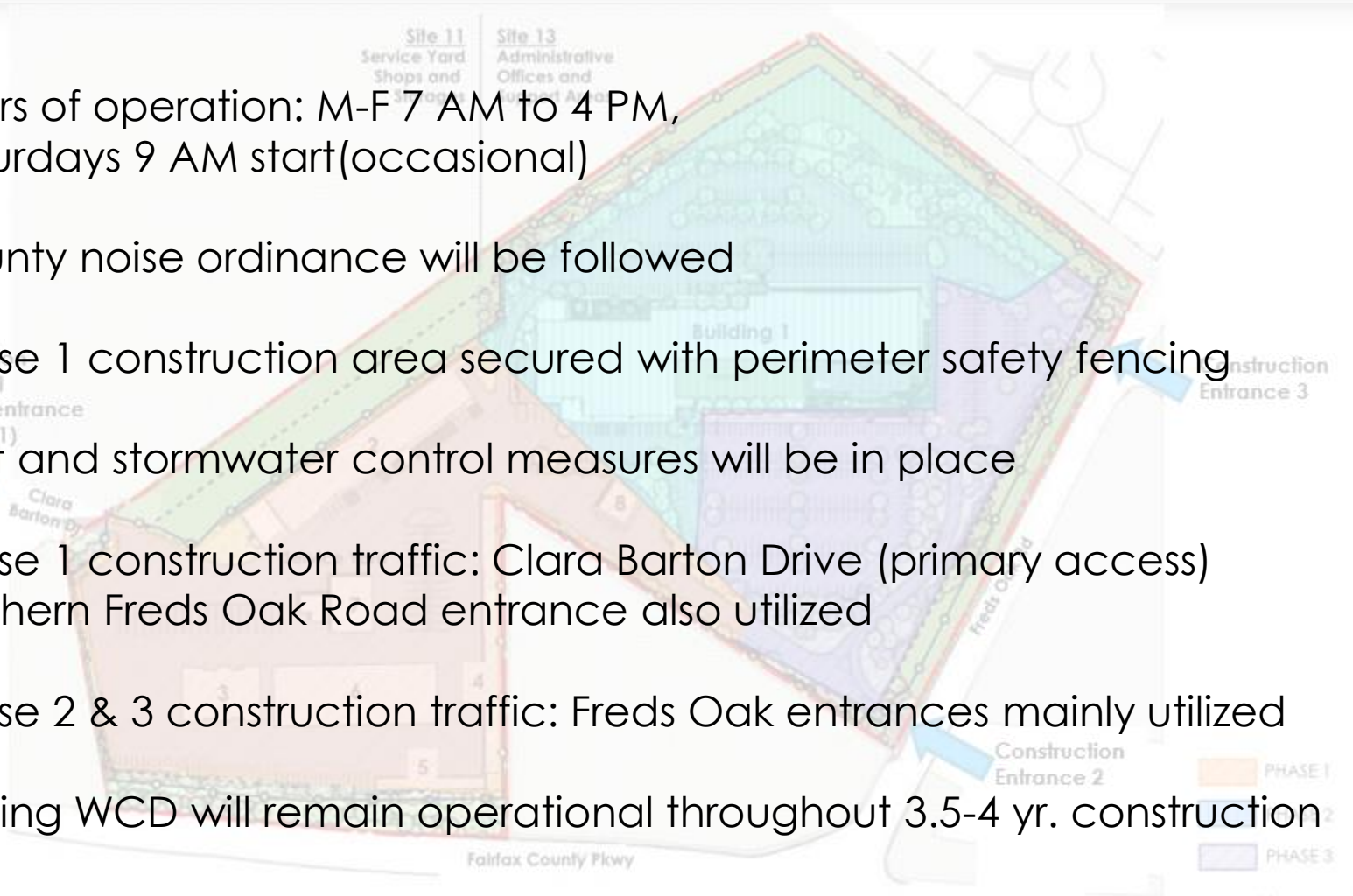
- Contractor procurement & submittal coordination
- Site Surveying
- Phase 1 Area site mobilization & contractor staging
- Site clearing, tree tagging, protection & select removal
- Installation of E&S control & LOD confirmed
- Safety fencing secured

Look-Ahead:

- Phase 1:
 - Deconstruction of concrete plant & site preparation
 - Construction Buildings 2-8
 - Phase 1 Area connection to Freds Oak Road
- Phase 2:
 - Building 1 & site features
- Phase 3:
 - Transition of existing WCD operations into Building 1
 - Demolition of Existing WCD building & remaining site/landscape work

Construction Operations

- ✓ Hours of operation: M-F 7 AM to 4 PM, Saturdays 9 AM start(occasional)
- ✓ County noise ordinance will be followed
- ✓ Phase 1 construction area secured with perimeter safety fencing
- ✓ Dust and stormwater control measures will be in place
- ✓ Phase 1 construction traffic: Clara Barton Drive (primary access) Southern Freds Oak Road entrance also utilized
- ✓ Phase 2 & 3 construction traffic: Freds Oak entrances mainly utilized
- ✓ Existing WCD will remain operational throughout 3.5-4 yr. construction



Proposed Construction Schedule



Proposed Schedule*

- Start: March 2022
- Phase 1: Fall 2023
- Phase 2: Early 2025
- Phase 3: Fall 2025
- Completion: Fall 2025

*Schedule projection based on standard construction scheduling parameters.
Actual schedule may be impacted by unforeseen weather and other natural occurrences.

Project Communication

Main Points of Contact:

	<u>POC</u>	<u>Email or Phone</u>
Project Design	Allison Terzigni, Senior Design Manager	Allison.Terzigni@FairfaxCounty.gov
Project Construction/Safety	Eric James, Senior Construction Manager	John.James@FairfaxCounty.gov
Onsite Wastewater Operations	Shwan Fatah, Director WCD	Shwan.Fatah@FairfaxCounty.gov
Wastewater Emergency	Trouble Response Center	(703) 323-1211

For Updates Visit the Project Website at:

<https://www.fairfaxcounty.gov/publicworks/proposed-stormwater-and-wastewater-consolidation-facility>

COVID-19 Updates; Latest on Mask Requirements

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Proposed Stormwater and Wastewater Consolidation Facility

PROJECT UPDATE: MARCH 16, 2022

Late fall of 2021, the Fairfax County Department of Public Works and Environmental Services (DPWES) held a successful bid for the new Stormwater-Wastewater Facility project to be located at 6000 Freds Oak Road in Burke. Manhattan Construction was identified as the lowest responsive bidder and awarded the project. DPWES is working closely with Manhattan Construction and anticipate construction kick-off in spring 2022. A community meeting to discuss construction plans will be scheduled this spring.



Questions & Answers

