



Welcome to a summary report of active capital projects in the Mount Vernon District.
Please scroll down to view the individual projects being managed by the Department of Public Works and Environmental Services.

If you need more information about a project, please call 703-324-5800, TTY 711.

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30010
Project Number 2G25-125-003
Project Name Mount Vernon Masterplan

Project Description

The project scope is to study master plan design options for public facilities to include, but not limited to, Library, Police Station, Fire Station, District Supervisor's Offices.

Total Project Estimate \$450,000
Future Funding TBD
Project Phase Study

Construction Award

Project Complete

Remarks

Grimm and Parker Architects (G+P) and Public Private Partnerships Branch (P3B) met to discuss the draft due diligence report including the existing conditions of the site and buildings, zoning and Comprehensive Plan requirements on 10/14/24. P3 P had a meeting with the Department of Planning and Development (DPD) to discuss the zoning requirements on 10/25/24. The project kick-off meeting with the Mount Vernon District Supervisor's office was held on 10/16/24. The first Steering Committee meeting was held on 11/18/24. Neighborhood and Community Services (NCS) confirmed that there is no need for childcare within the project limits on 12/4/24. G+P and P3B met with the Department of Vehicle Services (DVS) to discuss the conditions and requirements of the fuel station on 12/23/24. G+P provided test fit options for the site on 12/27/24.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30010
Project Number GF-000019-001
Project Name Workhouse Art Center Site Redevelopment
Project Description
Existing Conditions assessment for the W-1, W-12, W-17, and W-18 buildings on the Workhouse Campus.

Total Project Estimate \$2,000,000
Future Funding TBD
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

The Special Project Section received pricing proposals on 12/13/2024 from several Job Order Contract contractors to provide construction and hazardous abatement services for buildings W-1, W-7A, W-12, W-17, and W-18. The proposals were reviewed by the project team and the authorization process is completed. A kick-off pre-construction meeting was held on 1/10/2025 at the project site.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30010
Project Number GF-000019-002
Project Name Workhouse Buildings W13/W15

Project Description

Warm-lit-shell renovation of approximately 10,000 square feet for future food and beverage tenant fit-outs at historic Workhouse Campus Buildings W-13 and W-15, located at 9514 and 9517 Workhouse Way, Lorton, VA. Associated site enhancements include a central boardwalk, hardscape, landscape, and outdoor furnishing upgrades, stormwater facility installation, Workhouse Way paving and accessibility modifications, as well as streetscape improvements along Ox Road.

Total Project Estimate \$7,476,194
Future Funding \$426,194
Project Phase Post-Construction
Construction Award 03/14/2022 (A)
Project Complete 12/13/2023 (A)

Remarks

FMD, FSS and BDCD completed warranty punch list items provided by FMD, except the landscaping warranty punch list items which is scheduled for inspection in April 2025. Building W15 is officially turned over to FMD. Building W15 tenant leasing and marketing activities continued this quarter with JLL under DEI management.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30010
Project Number GF-000019-004
Project Name Workhouse Building W-7A

Project Description

Renovation of approximately 960 square feet for a glassblowing studio, in Building W-7A, on the Workhouse Campus located at 9502 Workhouse Way, Lorton, VA.22079.

Total Project Estimate \$2,100,000
Future Funding \$1,100,000
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

In fall 2024, it was determined that selective demolition should be completed prior to design start due to the lack of base building information. In November/December 2024, Hammel, Green and Abrahamson (HGA) identified W7A selective demolition requirements, and the Special Project Section (SPS) procured required selective demolition services for Building W-7 A and other Workhouse buildings. An early 2025 start is scheduled for selective demolition activities. HGA's BOA TO #8 - W-7A project kickoff activities, team surveys, and an artist meeting have been scheduled for early February 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30010
Project Number HS-000019-001
Project Name Eleanor Kennedy Shelter

Project Description

New replacement of the existing facility at 9155 Richmond Highway, Fort Belvoir, Virginia 22060. The new facility will be located at 2801 Beacon Hill Road, Alexandria.

Total Project Estimate \$12,000,000
Future Funding TBD
Project Phase Design
Construction Award Summer - 2026
Project Complete Fall - 2029

Remarks

A meeting with the District Supervisor's team, BKV Group (BKV), Office to Prevent and End Homelessness (OPEH) Fire and Rescue (FRD) and the Building Design Branch (BDB) to review the concept design options was held on 10/04/24. A follow up meeting with BDB and BKV to review the concept design site plan and building layouts draft was held on 11/07/24. A meeting with BKV and BDB to review the proposed exterior design was held on 12/07/24. The final concept design is scheduled to be submitted in late January 2025.

Legend

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Winter - January, February, March
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DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30015
Project Number GF-000063-001
Project Name Electric Vehicle Charging Station Infrastructure Design

Project Description
Design the infrastructure to support EV charging station installation at various locations throughout the County.

Total Project Estimate TBD
Future Funding TBD
Project Phase Design

Construction Award

Project Complete

Remarks

1. Jermantown DVS Maintenance Facility: Contractor completed installation of all underground electrical conduits. Dominion is waiting for Fairfax City's permit to be approved before scheduling the installation of the electrical transformer.
2. South County Government Center: Completed review of 95% design submission. Design consultant is coordinating the main power feed design and construction support with Dominion. Accessible EV parking space design is completed. A/E submitted 95% CD set for review on 12/15/2024. Consultant will issue Permit set by 01/30/2025.
3. Fairfax County Government Center: Accessible EV parking space design is completed. A/E submitted 95% CD set for review on 12/15/2024 Consultant will issue Permit set by 01/30/2025.
4. West Springfield Government Center: Completed review of 95% design documents. Utility designation survey has been completed. A/E is evaluating results to determine impact to design. The consultant is preparing to apply for permits.
5. Public Safety Headquarters Building: Completed review of 95% design submission. Permit drawings will be ready to be submitted to LDS for review in January 2025.
6. Sully Government Center: Completed review of 95% design submission. ADA space and utility designation surveys have been completed. A/E is evaluating results to determine impact to design. The consultant is preparing to apply for permits.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30070
Project Number FS-000015-001
Project Name Penn Daw Fire Station

Project Description

New construction of a 5-bay fire station to replace the existing Fire Station located at 6624 Hulvey Terrace, Alexandria. The station will be relocated to 2801 Beacon Hill Road, Alexandria.

Total Project Estimate \$15,400,000
Future Funding TBD
Project Phase Design
Construction Award Summer - 2026
Project Complete 11/12/2029 (A)

Remarks

A meeting with the District Supervisor's team, BKV Group (BKV), Office to Prevent and End Homelessness (OPEH) Fire and Rescue (FRD) and the Building Design Branch (BDB) to review the concept design options was held on 10/04/24. A follow up meeting with BDB and BKV to review the concept design site plan and building layouts draft was held on 11/07/24. A meeting with BKV and BDB to review the proposed exterior design was held on 12/07/24. The final concept design is scheduled to be submitted in late January 2025.

Legend

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DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30070
Project Number FS-000054-001
Project Name Gunston Fire Station
Project Description

Renovation/expansion or replacement of Gunston Fire Station with four apparatus bays. The project is located at 10417 Gunston Road, Lorton VA 22079.

Total Project Estimate \$21,330,000
Future Funding TBD
Project Phase Design
Construction Award Spring - 2025
Project Complete Summer - 2026

Remarks

RRMM Architects (RRMM) submitted the finalized drawings and specifications for bidding to the Building Design Branch on 12/18/24. The Building Design and Construction Division (BDCD) is completing the bid authorization documents. All disciplines for the building permit were approved and approval for the site permit is planned for late 1/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30070
Project Number PS-000009-001
Project Name South County Police Station/Animal Shelter

Project Description

Construction of a new 53,000 square-foot police facility, including a 30,000 square-foot police station (8855 Lorton Road) and a 23,000 square-foot animal shelter facility (8875 Lorton Road). Location is the Lorton Road Triangle site between Workhouse and Hooes Roads .

Total Project Estimate \$33,700,000
Future Funding TBD
Project Phase Post-Construction
Construction Award 12/01/2020 (A)
Project Complete 07/16/2024 (A)

Remarks

Non-Residential Use Permit was received on 09/27/2023. The Grand Opening was held on 10/28/2023. Police Station and Animal Shelter are staffed and open to the public.
GC continue working on outstanding Items for the punch-list and final punch list review.

Legend

(A) Actual
Winter - January, February, March
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Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 300-C30400
Project Number PR-000078-002
Project Name Mount Vernon RECenter

Project Description

The project includes renovation of the existing facility, upgrades to existing building systems, new ice rink, and expansion of the fitness area at 2017 Belle View Boulevard.

Total Project Estimate \$67,337,477
Future Funding \$26,632,477
Project Phase Construction
Construction Award 12/20/2022 (A)
Project Complete Spring - 2025

Remarks

Major mechanical equipment and switchgear have been installed and are in the process of being energized. Dominion Energy provided permanent power mid-December 2024. Flat roof activities are vastly done except for expansion joints, perimeter termination, and final inspections. Concrete for curb and gutters and external stairs is complete. Asphalt paving work around the entire site is in progress, planned to be complete by the end of January 2025. Permanent stormwater control was completed in October 2024. Site and Façade Masonry is in progress in sectors 1 and 2. Building envelope is in progress around the entire structure. Temporary environmental control (ducted heating) is active since mid-November 2024. Elevator in sector 1 was installed in Dec 2024. Grand stairs and the climbing wall located by the main entrance were completed in Nov 2024. Drywall installation, interior walls painting, and tile work are in progress in sectors 1, 2, and 4. Ceiling framing is complete in sectors 1, 2, and 4. Pool main drains, and zero entry pool activities are in progress in sector 3. Concrete for the Surge tank is complete.

Legend

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Winter - January, February, March
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DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 400-C40101
Project Number SD-000031-237
Project Name Paul Sp Br @ Sherwood Hall Ln

Project Description
Restoration of ~12,000 linear feet of channel and associated floodplain along Paul Spring Branch and the North Fork of Little Hunting Creek.

Total Project Estimate \$4,900,000
Future Funding \$3,551,262
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

A new project task order with Wetland Studies and Solutions, Inc. was authorized on 7/10/24. Survey and assessment field work began 9/15/24. The assessment and hydrology plan is scheduled for delivery on 2/15/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 400-C40101
Project Number SD-000031-270
Project Name South Branch Trib @ Fort Hunt Park (LH9204)

Project Description
Stream restoration along two main channels, totaling 1,706 linear feet, using natural channel design for improved water quality.

Total Project Estimate \$1,350,000
Future Funding \$642,082
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

Survey and assessment field work is underway. The Assessment & Hydrology Plan is scheduled to be delivered on 2/15/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 400-C40101
Project Number SD-000033-097
Project Name Crosspointe Section 12 Pond Improvement (0771DP)

Project Description

This project consisted of dredging and removal of sediment, riser modifications including wingwalls, apron, and trash rack, improvements to the existing access road, outfall channel restoration, lengthened flow path, micro-pools, and plantings.

Total Project Estimate \$1,137,922
Future Funding \$118,474
Project Phase Post-Construction
Construction Award 12/09/2021 (A)
Project Complete 12/20/2022 (A)

Remarks

The construction warranty ended 12/20/2023.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000001-013
Project Name Accotink Pump Station Rehabilitation

Project Description

Rehabilitate the mechanical components of the Accotink Pump Station and replace the force main . This project follows the generator and switchgear replacement projects, completed in 2007 and 2016, respectively. Most of the mechanical components were installed in 1977 except for the pumps, which were replaced in 1998. These components have reached the end of their useful lives.

Total Project Estimate \$91,507,487
Future Funding \$6,232,102
Project Phase Construction
Construction Award Summer - 2024
Project Complete Summer - 2028

Remarks

Project related submittals are in progress and in various stages of review and approval. The first draft pay application has been executed. Required clearing for the station addition and new force main is in progress. Erosion and sediment control provisions are being installed. Utility relocations needed for the force main construction are in progress. Pipe for the force main has been procured with the first delivery scheduled for February.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000001-020
Project Name Pumping Stations - Wellington I Pump Station Rehabilitation
Project Description

Rehabilitation of this 60-year-old pump station includes replacement of aging infrastructure and modernization of operations and maintenance capabilities.

Total Project Estimate \$6,109,203
Future Funding \$5,558,502
Project Phase Design
Construction Award Summer - 2025
Project Complete Fall - 2026

Remarks

Final design documents are being prepared.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000001-023
Project Name Jones Point Facilities Rehabilitation

Project Description
This project will replace the Jones Point Pump Station, Screening Facility, and Metering Station.

Total Project Estimate \$13,640,527
Future Funding \$11,363,586
Project Phase Design
Construction Award Fall - 2026
Project Complete Spring - 2028

Remarks

WCD recently descoped the screening facility from the project and plans to complete it as a separate project in the near future. The 70% design is in progress and due in Spring 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000001-029
Project Name Freund House Pump Station Screens Replacement
Project Description

The screening facilities at the Freund House Pump Station are in need of replacement.

Total Project Estimate \$1,909,186
Future Funding (\$1,107,313)
Project Phase Construction
Construction Award 03/28/2024 (A)
Project Complete Winter - 2025

Remarks

Construction is in progress and startup of the new mechanical bar screen is tentatively scheduled to begin on 1/6/2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000001-033
Project Name Pumping Stations - Waynewood I & II Pump Stations

Project Description

Rehabilitation of both Waynewood I and Waynewood II Pump Stations . Consisting of replacement of major equipment and necessary upgrades to accommodate increased flows (if anticipated) as well as current design standards.

Total Project Estimate \$13,485,701
Future Funding \$12,939,301
Project Phase Pre-Design

Construction Award

Project Complete

Remarks

The design task order is currently under negotiation.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000005-004
Project Name Integrated Sewer Metering Project 4

Project Description

Project #4 includes the rehabilitation of 27 sanitary sewer flow metering vaults. These metering vaults are located throughout Fairfax County and neighboring jurisdictions.

Total Project Estimate \$5,484,953
Future Funding \$4,688,635
Project Phase Design
Construction Award Spring - 2026
Project Complete Fall - 2027

Remarks

The design is 95% complete. Easement acquisition is expected to begin in Winter 2024.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000007-007-A
Project Name Little Hunting Creek Force Main Rehabilitation

Project Description

Replacement of 4,560 feet of the 30-inch Little Hunting Creek Force Main with 5,200 feet of 24-inch, 30-inch, and 36-inch pipes using both horizontal directional drilling (HDD) and open cut.

Total Project Estimate \$18,698,302
Future Funding \$17,062,150
Project Phase Construction
Construction Award 10/14/2024 (A)
Project Complete Spring - 2026

Remarks

Construction contract awarded to Garney Construction in October 2024. Construction is scheduled to begin in December 2024, with drilling expected to start in January 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000008-004
Project Name Mount Vernon Terrace Force Main Replacement
Project Description

Replacement of 1,246 linear feet of 6-inch diameter sanitary sewer force main.

Total Project Estimate \$2,672,282
Future Funding (\$95,080)
Project Phase Post-Construction
Construction Award Spring - 2022
Project Complete Spring - 2024

Remarks

Construction is complete, punch list is complete, and the project is under warranty until 06/28/25.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000008-011
Project Name Force Main Rehabilitation - Wellington I Force Main Rehabilitation

Project Description
Open cut replacement of a 1,400 LF 4-inch diameter sanitary sewer force main.

Total Project Estimate \$1,387,926
Future Funding \$1,137,329
Project Phase Design
Construction Award Spring - 2025
Project Complete Fall - 2025

Remarks
The design is 100% complete. Obtaining permits from National Park Service, Army Corps of Engineers, and Land Development Services.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000008-012
Project Name Riverwood Force Main Rehabilitation
Project Description

Replacement of a 673 linear-foot 4-inch diameter sanitary sewer force main in the Riverwood neighborhood located in the Mount Vernon area.

Total Project Estimate \$2,023,891
Future Funding (\$142,360)
Project Phase Post-Construction
Construction Award 07/07/2023 (A)
Project Complete 12/12/2023 (A)

Remarks

This project was substantially completed on 12/12/23 and is under warranty until 12/12/24.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-012
Project Name Raw Wastewater Pumping System Rehabilitation/Replacement- B3

Project Description

Rehabilitation of the B3 facility consisting of demolition of existing 6-inch header and wall cleaning system on Equalization Basin Tanks No. 1-4, demolition of wastewater return (WWR) pumps and above grade WWR piping in Tanks No. 1-5, replacement of sump pumps and valves in the existing valve vaults, replacement of a 1-ton crane, installation of odor control system and aluminum cover in Tank No. 1.

Total Project Estimate \$17,650,000
Future Funding \$2,867,888
Project Phase Post-Construction
Construction Award 11/11/2022 (A)
Project Complete 06/28/2024 (A)

Remarks

Substantial completion for the project was issued on 6/28/2024 and is under warranty until 6/28/2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-013
Project Name Noman Cole Treatment Plant Renewal - Modernization of Support and Administrative Facilities
Project Description

Upgrade/rehab non-process buildings & spaces at Noman M. Cole, Jr., Pollution Control Plant.

Total Project Estimate \$14,200,000
Future Funding \$9,232,286
Project Phase Design
Construction Award Fall - 2024
Project Complete Spring - 2027

Remarks

Construction Contract #1 Parking lot and Modular building: The notice to proceed letter was sent to HITT, the start date was November 4th, the Project construction is underway, and it is about 10% complete.

Construction contract #2 shop renovations, buildings A, A2, L, & T, 100% package is under review by WDCD and the Plant, the Engineer is working on addressing the comments.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-016
Project Name Noman Cole Treatment Plant Renewal - Primary and Secondary Sustaining Project 1

Project Description

Project will meet short-term rehabilitation needs of primary & secondary facilities at the Noman M. Cole, Jr., Pollution Control Plant. The scope includes 106 elements to improve the safety and operations for the next 15 years.

Total Project Estimate \$130,900,000
Future Funding \$130,443,182
Project Phase Construction
Construction Award 08/08/2022 (A)
Project Complete Winter - 2027

Remarks

Construction is underway for all 6 milestones. Replacing pumps and electrical equipment. Installing pipes and ductbanks. Overall construction is about 50% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-018
Project Name Raw Wastewater Pumping System Rehabilitation/Replacement- B4

Project Description

This project is to rehabilitate B2 equalization pump station, to construct B4 new pump station with the associated force mains and to demo the existing B raw wastewater pump station.

Total Project Estimate \$242,532,019
Future Funding (\$13,326,994)
Project Phase Construction
Construction Award 09/06/2024 (A)
Project Complete Spring - 2030

Remarks

Clearing and grubbing are underway, overflow parking lot is under construction and is tentatively scheduled to be complete in fall of 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-020
Project Name Noman Cole Treatment Plant Renewal - Admin and Laboratory Building Rehabilitation

Project Description

Assess and general evaluation of the installed systems within the contiguous structures of the Noman Cole Lab and Administration Building and develop a Facility Condition Assessment Report from this evaluation , the scope will include complete MEP system , Structural system and Architectural systems .

Total Project Estimate \$21,800,000
Future Funding \$21,561,966
Project Phase Pre-Design
Construction Award Spring - 2026
Project Complete Summer - 2029

Remarks

Dewberry Submitted the 100% PER report on November 16th. and it's being reviewed before issuing the final approval.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-021
Project Name Noman Cole Pollution Control Plant Master Plan 2023

Project Description

A Master Plan study to provide an integrated plan that will assist Noman Cole Pollution Control Plant to maintain the current levels of service for the next 20-30 years, and to anticipate the need for future levels of service.

Total Project Estimate \$2,445,000
Future Funding \$2,394,584
Project Phase Study

Construction Award

Project Complete

Remarks

Jacobs is finalizing revisions for TM3 Scenario Planning. Solids Treatment workshop was held in late November.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000009-023
Project Name Reuse Water Vault Project
Project Description
Install a new vault for the Reuse water, valves and new actuators

Total Project Estimate \$2,000,000
Future Funding \$1,990,728
Project Phase Design

Construction Award

Project Complete

Remarks

The design phase of the Valve Vault project is currently 95% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

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Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000028-007
Project Name Small Diameter Sewer Replacement #2 (Sewer Sag #2)

Project Description
Design for replacement of seven small-diameter defective sewer pipes.

Total Project Estimate \$7,763,941
Future Funding (\$564,954)
Project Phase Construction
Construction Award Spring - 2024
Project Complete Fall - 2025

Remarks

Construction is in progress at the Fairmont Street and is expected to be complete by Feb 2025. Construction will begin at the Lee Highway and Martha Washington in Feb 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300

Project Number WW-000028-027

Project Name Gravity Sewers - Belle View Blvd - Potomac Ave (Phase 1)

Project Description

Replacement of 470 LF of deteriorated 12-inch pipe from manhole 090-2-095 and 093-2-069 along Belleview Blvd. and from manhole 093-2-069 to 093-2-165 along Potomac Avenue.

Total Project Estimate \$3,064,492

Future Funding \$2,545,538

Project Phase Design

Construction Award Winter - 2026

Project Complete Fall - 2026

Remarks

Design work is ongoing and approximately 15% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000028-040
Project Name Gravity Sewers - Park Terrace Manhole
Project Description
Install new MH 093-4-198 where missing manhole is. Replace pipeline from MH 093-4-199 to MH-093-4-198A

Total Project Estimate \$1,957,380
Future Funding \$1,564,709
Project Phase Pre-Design
Construction Award Spring - 2026
Project Complete Fall - 2026

Remarks
Design work is ongoing and approximately 10% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69300
Project Number WW-000028-061
Project Name Gravity Sewers - Belle View Blvd - Potomac Ave (Phase 2)
Project Description
Replacement of multiple 12-inch pipes along Belleview Blvd.

Total Project Estimate \$6,170,000
Future Funding \$6,168,713
Project Phase Pre-Design
Construction Award Summer - 2026
Project Complete Fall - 2026

Remarks

Task order negotiations are ongoing.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-003-D
Project Name Noman Cole Treatment Plant Renovations - Solids Processing Rehabilitation – Phase III
Project Description
Rehabilitation of solids processes including storage, dewatering, incineration, and ash collection.

Total Project Estimate \$214,002,963
Future Funding \$213,080,812
Project Phase Construction
Construction Award 01/20/2020 (A)
Project Complete Spring - 2026

Remarks
Construction is 85% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-003-F
Project Name Noman Cole Treatment Plant Renovation - Solids Processing Rehabilitation - Phase 4

Project Description

Replacement of the solids dewatering system at the Noman M. Cole, Jr., Pollution Control Plant. This project includes replacement of the dewatering centrifuges, dewatered sludge cake hopper, dewatered sludge cake pumps, and dewatered sludge piping.

Total Project Estimate \$50,000,000
Future Funding \$49,954,609
Project Phase Design

Construction Award

Project Complete

Remarks

Engineer is working on completing 95% design. draft of 95% design report is anticipated to be submitted to Owner/WDCD review by late January 2025.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-012
Project Name Noman Cole Treatment Plant Renovations - Accotink Odor Control Facility

Project Description

Design of Accotink Odor Control Facility located at the Noman M. Cole, Jr., Pollution Control Plant will characterize nuisance odors & construct an odor control facility for reduction of off-site plant odors.

Total Project Estimate \$12,668,000
Future Funding \$11,314,183
Project Phase Construction
Construction Award Summer - 2023
Project Complete Spring - 2025

Remarks

Project has three milestones. Construction is underway. Milestone-1 attained Incremental Substantial Completion. Overall, construction is 70% completed.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-015
Project Name Noman Cole Treatment Plant Renovations - Rehabilitation of the ASE Pump Station

Project Description

Rehabilitation of the Activated Sludge Effluent (ASE) Pump Station which conveys secondary effluent to the Moving Bed Biological Reactor Facility process.

The work at the Activated Sludge Effluent Pump Station (ASE PS; Building BB) includes replacement of six vertical turbine pumps, replacement of seven cast-iron sluice gates and seven actuators and replacement of 14 valves and six actuators.

Total Project Estimate \$23,000,000
Future Funding \$21,498,875
Project Phase Construction
Construction Award 08/23/2022 (A)
Project Complete Summer - 2026

Remarks

The Project construction is underway and is about 52% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-018
Project Name Noman Cole Treatment Plant Renovations- APW/ County Water System Optimization

Project Description

Develop hydraulic model for Advanced Plant Water (APW) system and county water (CW) system at the Noman Cole Pollution Control Plant site. Include field verification and field testing to calibrate the model. After the model is calibrated, it can then be used to optimize the water systems based on pressure and demands.

Total Project Estimate \$846,013
Future Funding (\$27,209)
Project Phase Pre-Design
Construction Award
Project Complete Spring - 2025

Remarks

Continue working on extended water quality sampling and testing. Hydraulic modeling analysis is finished. Phasing workshop was held in early December.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-021
Project Name MSP - FF Filter Gates Improvements Project

Project Description
Improvements to FF Filter gates to reduce backwash water return.

Total Project Estimate \$12,300,000
Future Funding \$12,231,588
Project Phase Design
Construction Award Spring - 2025
Project Complete Winter - 2027

Remarks
The project is in the Bid phase to be authorized and advertised next month.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-022
Project Name MSP - FF Capacity Improvements

Project Description

The Preliminary Engineering Report (PER) identified and subsequent pilot studies further confirmed the deep-bed monomedia filters to be capable of increasing the runtime, reducing backwash wastewater generation, and increasing the treatment capacity of FF filters while achieving turbidity and reuse application requirements. Additionally filters 9 and 10 would be retrofitted to be put into service and increase the overall capacity of the FF Filter Facility.

Total Project Estimate \$96,150,000
Future Funding \$92,392,967
Project Phase Design

Construction Award

Project Complete

Remarks

Hazen is currently working on the permitting process based on the AECOM cost estimate . Additional Services 2 is being created to add new fiber optic improvements, and crane rehabilitation.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-023
Project Name MSP- MBBR Capacity Improvements

Project Description

The Preliminary Engineering Report identified tasks to equip and operate the sixth MBBR train in partial nitrification/denitrification/anammox mode (PANDA/PdNA), and to replace a single blower to reduce the Dissolved Oxygen levels of the MBBR effluent and subsequently reduce the energy costs . Implementation of PANDA mode in the sixth MBBR train will allow full-scale pilot testing of PANDA to inform future conversation/design of other MBBR trains.

Total Project Estimate \$17,452,000
Future Funding \$16,484,927
Project Phase Design

Construction Award

Project Complete

Remarks

The design phase is 50% complete.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 690-C69310
Project Number WW-000017-027
Project Name Fiber Optics Master Plan

Project Description
To do field survey and build a master plan to fiber optics all around the plant for the next 10 years.

Total Project Estimate \$534,512
Future Funding \$528,486
Project Phase Study

Construction Award

Project Complete

Remarks

Field work started in 08/2024. Filed work investigation is 90% completed. Next step is A/E to analyze the data.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December

DPWES CAPITAL PROJECT SUMMARY REPORT
December 2024

Mount Vernon

Fund 810-C81403
Project Number HF-000178-002
Project Name OMVHS LLC Project

Project Description

Renovation of the approximately 140,000 square foot historic high school building and associated sitework, infrastructure, and facilities on campus for adaptive reuse for educational and community use programs.

Total Project Estimate \$103,650,000
Future Funding TBD
Project Phase Construction
Construction Award 06/14/2024 (A)
Project Complete Summer - 2026

Remarks

The Construction Manager at Risk (CMAR) has nearly completed the installation of the underground stormwater and sanitary sewer utilities across the project site. Underslab plumbing installation has been completed throughout Areas A, B, C, and E. The CMAR coordinated with Dominion Energy and have established temporary power connections for the facility. The restoration of the existing steel and wood windows has begun. The majority of all required interior and exterior demolition operations have been completed. The geothermal well subcontractor has completed the drilling and installation of all geothermal wells and have completed approximately 60% of the horizontal trenches.

Legend

(A) Actual
Winter - January, February, March
Spring - April, May, June

Summer - July, August, September
Fall - October, November, December