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**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000031-213  
**Project Name** Rocky Run Trib @ Dulles Access Rd  
**Project Description**  
Restore ~1,200 linear feet of stream using natural channel design and riparian corridor enhancements for improved water quality.

**Total Project Estimate** \$2,149,000  
**Future Funding** \$195,297  
**Project Phase** Construction  
**Construction Award** Summer - 2022  
**Project Complete** Fall - 2023

**Remarks**

Substantial completion inspection performed on 09/21/2023.  
Substantial completion punchlist completed on 10/04/2023.

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**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000031-230

**Project Name** Dead Run @ Georgetown Pike

**Project Description**

Restore ~5,500 linear feet of stream using natural channel design and riparian corridor enhancements to improve water quality.

**Total Project Estimate** \$7,500,000

**Future Funding** \$6,681,751

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

The 95% design review meeting was held on 6/26/23. Stantec Consulting Services, Inc. is scheduled to deliver the final plan on 10/30/2023.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000031-234

**Project Name** Little Pimmit Run Tributary at Woodland Terrace

**Project Description**

Restore ~1,000 linear feet of stream using natural channel design, riparian corridor enhancements for improved water quality, and stormwater infrastructure redesign.

**Total Project Estimate** \$9,346,000

**Future Funding** \$8,268,688

**Project Phase** Design

**Construction Award** Summer - 2024

**Project Complete** Fall - 2025

**Remarks**

The stream restoration and storm drainage 95% design was submitted on 9/6/23. The design submission has been submitted to stakeholders for review with comments due to staff by 10/16/23. Offer package for the last outstanding storm drainage easement was sent to the property owner on 8/15/23. Property owner to provide response to County by 10/2/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000031-243  
**Project Name** 819 Swinks Mill Road  
**Project Description**

Flood prevention through purchase and tear down of repetitive flooding structure in cooperation with the land owner and FEMA.

**Total Project Estimate** \$1,500,000  
**Future Funding** \$1,498,886  
**Project Phase** Pre-Design  
**Construction Award**  
**Project Complete**  
**Remarks**

Purchase sale agreement with property owner was executed on 8/3/23. County soliciting bids for demolition of the house and site restoration. Bids are due 10/6/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000032-073

**Project Name** Valley Ave STW Drainage Improvements

**Project Description**

Stormwater drainage improvements to mitigate flooding from larger storms events in the Valley Ave neighborhood.

**Total Project Estimate** \$1,810,000

**Future Funding** \$1,586,900

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

Property owner at 6341 Linway Terrace indicated they would not convey easements to the County . Staff is working with design engineer GKY & Associates, Inc. to determine potential alternatives to implement project without impacting 6341 Linway Terrace. Evaluation of alternatives to be completed by 10/4/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000032-074  
**Project Name** Tucker Ave Neighborhood STW Improvement

**Project Description**

Establish neighborhood stormwater conveyance system to reduce flooding and improve water quality using a combination of pipe system upgrades and infiltration and flow retention systems.

**Total Project Estimate** \$11,168,000  
**Future Funding** \$9,936,383  
**Project Phase** Design  
**Construction Award** Winter - 2024  
**Project Complete** Winter - 2026

**Remarks**

The project is currently with Virginia Department of Transportation (VDOT) for permitting. Bid ready documents are contingent on VDOT permit.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000032-075  
**Project Name** Kent Gardens Neighborhood Stormwater Improvement Project  
**Project Description**  
Establish neighborhood stormwater conveyance system, and reduce flooding by combination of upgrade of conveyance system.

**Total Project Estimate** \$11,227,000  
**Future Funding** \$10,198,849  
**Project Phase** Design  
**Construction Award**  
**Project Complete**  
**Remarks**

Easement acquisition for this project is currently in progress. A total of 44 easements are required for this project. A 65% design will be contingent on all easement acquisitions.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000032-077

**Project Name** Dead Run Drive Stormwater Improvements

**Project Description**

Stormwater drainage improvements to mitigate flooding from larger storm events in the Dead Run Drive neighborhood.

**Total Project Estimate** \$1,470,000

**Future Funding** \$973,661

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

Stantec Consulting Services, Inc. submitted the 95% design plan on 6/28/23. Staff is coordinating with utilities for relocations.

**Legend**

(A) Actual

Winter - January, February, March

Spring - April, May, June

Summer - July, August, September

Fall - October, November, December



**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000032-078

**Project Name** Forest Villa Ln Area STW Improvements

**Project Description**

Stormwater drainage improvements to mitigate flooding from larger storm events in the Forest Villa Dr neighborhood.

**Total Project Estimate** \$1,160,000

**Future Funding** \$947,018

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

Easement acquisition for this project is currently in progress. A 95% design for the project is contingent on acquisition of all required easements.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000032-079

**Project Name** Woodacre Dr Area STW Improvements

**Project Description**

Stormwater drainage improvements to mitigate flooding from larger storm events in the Woodacre Dr neighborhood.

**Total Project Estimate** \$2,824,000

**Future Funding** \$2,376,000

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

GKY and Associates, Inc. (GKY) submitted the concept plan on 12/2/22. A community meeting was held on 3/14/2023. In response to community feedback, a revised concept plan that reduced the required easements to 6~7 is currently in progress.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000032-080  
**Project Name** Weaver Ave-Dillon Ave STW Improvements  
**Project Description**  
Rehabilitation of 1,950 linear feet of concrete channel.

**Total Project Estimate** \$8,126,000  
**Future Funding** \$7,917,030  
**Project Phase** Design  
**Construction Award**  
**Project Complete**  
**Remarks**

Staff is negotiating new task order scope with design engineer GKY & Associates Inc. to develop additional hydraulic models based on the feedback provided by the value engineering study. Scope will be authorized by 10/13/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101

**Project Number** SD-000032-085

**Project Name** Potomac Hills STW Improvements

**Project Description**

Stormwater drainage improvements to mitigate flooding from larger storms events in the Potomac Hills neighborhood.

**Total Project Estimate** \$5,128,000

**Future Funding** \$4,846,000

**Project Phase** Design

**Construction Award**

**Project Complete**

**Remarks**

The concept design from GKY and Associates, Inc. (GKY) was submitted on 5/24/23. Comments were provided to GKY on 6/14/23. County staff are evaluating how to proceed with this improvement project.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 400-C40101  
**Project Number** SD-000032-128  
**Project Name** Broad Branch Court STW Improvements  
**Project Description**  
Flood mitigation project to address structural flooding in the Broad Branch Court neighborhood.

**Total Project Estimate** \$200,000  
**Future Funding** \$200,000  
**Project Phase** Pre-Design  
**Construction Award**  
**Project Complete**  
**Remarks**

Staff negotiating a task order scope with GKY & Associates to address flood mitigation that occurs throughout the Broad Branch Ct. neighborhood. Task order to be authorized by 10/16/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69000  
**Project Number** WW-000028-053  
**Project Name** Madison Ct Emergency Gravity Sewer Project  
**Project Description**

During regular system inspection earlier today, Wastewater Collection Division (WCD) identified a surcharging manhole and broken sewer pipe in easement north of Madison Ct in McLean just upstream of a stream crossing in Pimmit Run, as shown on figure below. As a result, DPWES is initiating immediate emergency response to protect environment from contamination and perform necessary repair. We are currently assessing the situation and extend or duration of the repair are currently unknown.

**Total Project Estimate** TBD  
**Future Funding** TBD  
**Project Phase** Construction  
**Construction Award** 07/14/2023 (A)  
**Project Complete** Fall - 2023  
**Remarks**

The emergency work was initiated on July 14, 2023. The broken pipe was replaced and put in service. Creek stabilization and site restoration are underway.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-015  
**Project Name** Pumping Stations - Difficult Run Pump Station Grit Mitigation and Odor Control Improvements  
**Project Description**

Project addressing grit issues at the Difficult Run Pump Station located at 9950 Colvin Run Road, Great Falls, VA 22060, and odor concerns at the pump station and along the associated force main.

**Total Project Estimate** \$7,887,868  
**Future Funding** (\$65,038)  
**Project Phase** Construction  
**Construction Award** 03/01/2023 (A)  
**Project Complete** Summer - 2024

**Remarks**

Construction activities are underway. Construction is approximately 20% 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**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-016  
**Project Name** Pumping Stations - Savile Lane Pump Station Rehabilitation  
**Project Description**  
Rehabilitation of the Savile Lane Pump Station in McLean, VA.

**Total Project Estimate** \$6,788,245  
**Future Funding** \$554,647  
**Project Phase** Construction  
**Construction Award** 05/23/2022 (A)  
**Project Complete** Fall - 2023

**Remarks**

Construction activities are ongoing. The demolition work has been completed. New equipment and facility installation is underway.

**Legend**

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

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



**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-024  
**Project Name** Pumping Stations - Langley School Pump Station and Force Main Replacement - Phase 1  
**Project Description**  
Replacement of the Langley School PS and its associated 2,400 LF Force Main, located near Langley High School in McLean, VA.

**Total Project Estimate** \$4,073,804  
**Future Funding** \$1,115,376  
**Project Phase** Construction  
**Construction Award** Summer - 2021  
**Project Complete** 06/13/2023 (A)

**Remarks**

WCD issued acceptance of gravity sewer on 6/13/23. A few tasks remain as punch list items and PCOs are still being processed.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-024-A  
**Project Name** Pumping Stations - Chain Bridge Road Gravity Sewer Capacity Improvement  
**Project Description**  
Downstream gravity sewer capacity improvements need for the Langley School Pump Station and Force Main Replacement project.

**Total Project Estimate** \$2,334,236  
**Future Funding** \$67,029  
**Project Phase** Construction  
**Construction Award** 06/22/2022 (A)  
**Project Complete** Fall - 2023

**Remarks**

Milestone one has been achieved, gravity sewer pipe was accepted after Closed Circuit Television Inspection was completed and approved . The Ballantrae Lane and Old Merlin's has been repaved. Contractor waits for permission to abandon the existing Force Main, expected to take place early October.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300

**Project Number** WW-000001-024-B

**Project Name** Pumping Stations - Langley School Pump Station and Force Main Replacement - Phase 2

**Project Description**

Interim improvements to the Langley School Pump Station, including pump replacement, related to the replacement of the force main under Phase 1.

**Total Project Estimate** \$858,689

**Future Funding** \$175,226

**Project Phase** Construction

**Construction Award** Spring - 2022

**Project Complete** Fall - 2023

**Remarks**

Lock out tag out was performed; the existing pumps are being demolished so the new pumps can be installed. Pump station is on 24/7 bypass and pump watch. Pump station startup is estimated for the last week of September.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-031  
**Project Name** Pumping Stations - Langley School Pump Station Emergency  
**Project Description**

The Langley School pump station is located at 6520 Georgetown Pike in McLean. On or about 11/1/2021, one of the two pumps failed and could not be repaired. Now that there is only one operable pump, there is an elevated risk of pump station failure which could result in a sanitary sewer overflow.

**Total Project Estimate** \$440,052  
**Future Funding** (\$220,337)  
**Project Phase** Post-Construction  
**Construction Award** Fall - 2021  
**Project Complete** 08/25/2023 (A)

**Remarks**

On 8/25/23 this project was substantially complete, and the bypass pumps were connected to the newly built FM to allow for installation of the new pumps at the PS.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-038  
**Project Name** Pumping Stations- Dead Run Pump Station Valve Replacement  
**Project Description**

During routine O&M at the Dead Run Pumping Station an aging 8" gate valve got stuck and after multiple attempts to reopen it failed to reopen. The valve is currently situated in a critical location within the pump station building and it will need to be replaced in kind. To avoid this in the future, we also plan to complete some other preventive maintenance by replacing other similar aging valves within the pump station.

**Total Project Estimate** \$362,366  
**Future Funding** \$198,205  
**Project Phase** Construction  
**Construction Award** Fall - 2023  
**Project Complete** Spring - 2025

**Remarks**

All design packages have been finalized and delivered by the selected engineering consultant. The construction of the Dead Run Pump Station Valve Replacement was awarded to Archer Western. The project has transitioned into construction and negotiation of the fee proposal is 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**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000001-039  
**Project Name** Pumping Stations - Downscrest Pump Station  
**Project Description**  
Includes the replacement of the Downscrest Pump Station and 1,632 LF of force main.

**Total Project Estimate** \$4,523,000  
**Future Funding** \$4,247,414  
**Project Phase** Pre-Design  
**Construction Award**  
**Project Complete**  
**Remarks**

The preliminary engineering report is being finalized. The design task order is 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**  
**September 2023**

**Dranesville**

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

Project #4 includes the rehabilitation of 30 sanitary sewer flow metering vaults. These metering vaults are located throughout Fairfax County and neighboring jurisdictions.

**Total Project Estimate** \$8,447,819  
**Future Funding** \$7,703,320  
**Project Phase** Design  
**Construction Award** Fall - 2024  
**Project Complete** Fall - 2025

**Remarks**

The 95% design based on the reduced scope was submitted by the Architect/Engineer on 7/18/23. Title searches were completed by Land Acquisition Division on 9/26/23.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000026-004  
**Project Name** Large Diameter Pipe Rehabilitation & Replacement - Carderock Gravity Sanitary Sewer Interceptor Rehab  
**Project Description**  
Project located in Maryland Carderock Recreation Area . Design includes replacement of manholes, rehab of a settled portion of pipe, and cured in place lining of approx 1300 feet of 30" pipe.

**Total Project Estimate** \$5,076,631  
**Future Funding** \$416,654  
**Project Phase** Construction  
**Construction Award** 03/30/2023 (A)  
**Project Complete** Spring - 2024

**Remarks**

Activities related to tree clearing and installation of the bypass system are currently underway. Submittals related to the odor control and manhole replacements are currently being discussed.

**Legend**

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

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



**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000028-016  
**Project Name** Gravity Sewers - Little Pimmit Run Sewer Realignment  
**Project Description**

The project will realign approximately 4,750 linear feet gravity sanitary sewer pipe to eliminate most stream crossings in Little Pimmit Run. This project is being coordinated with the concurrent Stream Restoration Project, Little Pimmit Run at Chesterbrook Road.

**Total Project Estimate** \$9,198,633  
**Future Funding** \$8,009,494  
**Project Phase** Design  
**Construction Award** Summer - 2025  
**Project Complete** Spring - 2027

**Remarks**

The 35% Design is in progress with an expected completion/submittal date of 9/29/2023.

**Legend**

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

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

**DPWES CAPITAL PROJECT SUMMARY REPORT**  
**September 2023**

**Dranesville**

**Fund** 690-C69300  
**Project Number** WW-000028-020  
**Project Name** Gravity Sewers - Chain Bridge Vault Site Safety Upgrades  
**Project Description**  
Safety upgrades to a Sewer Siphon Vault located near Chain Bridge in Arlington County, Virginia.

**Total Project Estimate** \$250,207  
**Future Funding** \$170,959  
**Project Phase** Design  
**Construction Award**  
**Project Complete**  
**Remarks**

A/E provided 100 percent design drawing set  
National Park Service (NPS) have been addressed in 100 percent design drawing set.  
Comments on 100 percent design drawing set submission provided to A/E and sets will be shared with NPS for approval.

**Legend**

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

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