Town Council Work Session
Agenda Item 2.a.

Agenda Item: **Stormwater Management Program Briefing**

Meeting Date: February 4, 2025

Category: Discussion

Prepared by: Tammy Chastain, Acting Director of Public Works - Operations, John Irish, Acting Director of Public Works - Engineering

Description:
This discussion item is an overview of the Town of Herndon stormwater system. The discussion will include the engineering and operations sides of the stormwater system, as well as completed, ongoing and future projects and programs.

Background:
The Town of Herndon maintains a municipal separate stormwater system (MS4) for all areas within the town boundary. As a MS4 community, the town is required to maintain its network of drainage systems, including pipes, ditches, and other conveyances, designed to carry stormwater run off directly to nearby streams, rivers and other bodies of water. The permit requires the town to implement a program to control the discharge of pollutants for their stormwater systems to the maximum extent possible. In Virginia, this permit is known as the Virginia Stormwater Management (VSMP) Permit.

In Fiscal Year (FY) 2025, the town created a Stormwater Fund as part of the budget process. As a result, the Department of Public Works - Operations stood up a new Stormwater Division to focus on the operations and maintenance of the town's stormwater system. The Department of Public Works - Engineering manages the stormwater management program and the MS4, as well as works with outside jurisdictions regarding stormwater management.

Timing Impact:
Previously, the Town Council received a briefing on the town's Stormwater Management Program during the July 11, 2023 Town Council meeting. This briefing is being provided to keep the Town Council updated and advised.

Related Strategic Plan Goals:

- Strong Fiscal Stewardship Goal 2: Conduct forward-looking and multi-year planning and analysis

- Environmental and Economic Sustainability Goal 6: Implement policies, practices, and regulations that protect and enhance the town's natural resources and preserve the environment
- Good Governance Goal 1: Maintain and enhance public facilities to effectively support municipal operations and services

Strategic Focus Area:



Strong Fiscal Stewardship
Environmental and Economic Sustainability
Good Governance

Fiscal Impact:
The stormwater management program within the Town of Herndon utilizes funds from the Stormwater Fund and the General Fund. This discussion item is intended to show recently completed and ongoing maintenance tasks and projects. Future projects will also be discussed that will have future fiscal impacts.

Legal Impact:
The MS4 program is a regulatory framework established by Environmental Protection Agency (EPA), under the authority of the Clean Water Act National Pollutant Discharge Elimination System (NPDES). The Department of Environmental Quality (DEQ) has been delegated as the permitting authority to implement the NPDES in Virginia as the Virginian Pollutant Discharge Elimination System permit program. MS4 discharges are regulated under the Virginia Stormwater Management Act and the Virginia Stormwater Management Program (VSMP) Permit Regulation. Permits are good for five years, with the town's MS4 permit (VPDES Permit No. VAR040060) renewed on November 1, 2023.

Staff Recommendation/Next Steps:
This is a discussion item; staff will continue to meet all local, state and federal regulatory requirements, conduct operations and maintenance tasks and execute projects approved by the Town Council to maintain the town's stormwater system.

Attachments:
1. PowerPoint