



Takoma Park City Council Meeting – September 11, 2024 Agenda Item 3

Presentation

Low Impact Development Center's Stormwater Resiliency Study Summary and Recommendations

Recommended Council Action

Receive presentation.

Context with Key Issues

In the FY22 the Council provided \$150,000 in the operating budget for a study of stormwater impacts on private property and management options. The Department identified the Low Impact Development Center which had performed stormwater impact analysis for several jurisdictions including Somerset, Hyattsville and Cheverly. LIDC was awarded a competitively bid contract from Prince George's County to which the City could participate. Council authorized a contract with LIDC in July, 2022.

The Low Impact Development Center Scope of Work included:

Task 1 - Provide a suite of stormwater management solutions for both private and public property to provide much needed public information that the City can post to our website to help residents understand options for management of stormwater.

Task 2 – Review approximately 20 locations identified as flood prone and provide analysis and recommendations. This analysis used GIS information, satellite imagery and field visits. A subset of these locations will be studied in detail to illustrate the possible reduction in run-off volume through implementation of the recommended measures.

Task 3 – Provide a detailed list of proposed incentives and Code changes that the City may want to consider to enhance stormwater requirements, both at the City level and to recommend at the County level.

Task 4 - Establish a dashboard on the City's website that will enable property owners to estimate the amount of run-off produced by various types of storm events based on the amount of pervious and impervious surface within their property. Residents can also request a remote session with stormwater professionals to discuss potential measures for reducing run-off on their property.

The presentation will provide an overview of the findings and recommendations for the City.

The Department will continue to review the LIDC recommendations and evaluate in conjunction with projects the Department had previously identified. The projects will be evaluated based on which of them provide NPDES treatment credits, as well as what can be accomplished within the existing budget and staff capacity constraints. In order to proceed with some of the projects, it is likely the City will

need to seek additional funding for both project design and construction as well as construction oversight. The source of these funds may be available grants or consideration of an increase in the City's stormwater fee. The Department plans to have more information available for Council during the FY26 budget discussion. This will include a list of projects to be completed over the next 5 years within the existing budget and identification of the likely funds and staffing required for those projects that fall outside the available funding and staff capacity.

Council Priority

Engaged Responsive and Service Oriented Government
Environmentally Sustainable Community

Environmental Impact of Action

This project will provide helpful information to the public in a useful format and will assist the City in identifying and planning high value stormwater projects to improve stormwater resiliency and reduce flooding impacts.

Racial Equity Considerations

The 20 sites for the initial evaluation were spread throughout the City to ensure that the potential recommendations would be provided citywide, in all neighborhoods, and that possible solutions could be implemented equitably in the future.

Fiscal Impact of Action

The funds for this study were provided through the operating budget.

Attachments and Links

- Takoma Park Stormwater Resiliency Study PowerPoint Presentation
- City's project website - <https://takomaparkmd.gov/government/public-works/stormwater-management-program/stormwater-resiliency-study/>