

Carol DeSoto

From: Alex Winter <alexbillwinter@gmail.com>
Sent: Thursday, September 30, 2021 4:50 PM
To: Carol DeSoto
Subject: Comments for record of Sept. 22 hearing re: Amendment to 2016 Comp Plan-Airport.
Attachments: image (46).png; airport - biological hotspot with outline DNR.JPG; Airport WCD rezoning (1) (1) (1).jpg; Draft FY21 Financial Assurance Plan Executive Summary.pdf; Draft FY21 Financial Assurance Plan.pdf; CharlesCountyMunicipalStormwaterRestorationPlan (2).pdf; airport - flood CharlesCountyNuisanceUrban Flood Plan (2).pdf

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Links - to the Inter-Agency Taskforce Report, ***The Case for Protection of the Watershed Resources of Mattawoman Creek - Recommendations and Management Initiatives to Protect the Mattawoman Ecosystem.*** a DNR Powerpoint presentation on the report, and the Charles County Ecosystem Services report. This report was a federal, state effort to allow the local government to better understand the benefits of conservation for Mattawoman Creek and its fish nursery. The inner agency report was the catalyst for the Watershed Conservation District - which supports one unit per acre and a limit to 8% impervious.

Powerpoint: https://dnr.maryland.gov/fisheries/Documents/tredmanAlliance_Presentation.pdf

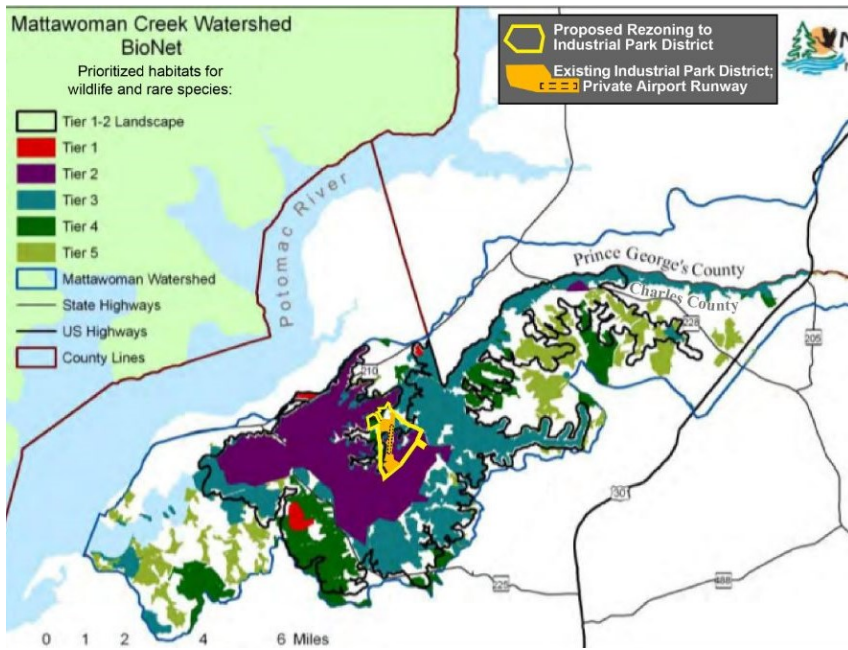
Report: https://dnr.maryland.gov/fisheries/Documents/Mattawoman_Ecosystem_Final_Report_March_2012.pdf

Here's the [Municipal TMDL Restoration Plan](#) – See page 39 for the Mattawoman Creek TMDL, and page 53 for the **cost of \$155 M for achieving the goals - Charles county's restoration responsibility is \$155 million in restoration debt to Mattawoman Creek. But they keep voting to do more destruction.**

Charles County Ecosystem Service Report

Here's the [Ecosystem Services](#) report and recent [MS4 Annual Report](#).

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Airport proposed expansion outline added to DNR map (above)

Charles County Planning Commission is being asked to choose the fate of this value-sensitive, Mattawoman area that is providing ecological services that protect the creek and its world-renowned fishery, located just south of our Nation's Capital.

*The Charles County Planning Commission supported the removal of 558 acres of Watershed Conservation District in an area noted for its high biodiversity. **How can Mattawoman Creek be asked to burden more water quality destruction, when its fishery is at the tipping point? ...how can impervious surface increases continue to be approved when the outstanding taxpayer cost for restoration of Mattawoman Creek is already at \$155 Million Dollars? (TMDL Restoration Plan-MS4)***

How much will the additional environmental restoration cost? ...how much will the county taxpayer-funded infrastructure cost?

Here's the [Municipal TMDL Restoration Plan](#) –

See page 39 for the Mattawoman Creek TMDL, and page 53 for the cost of \$155 M for achieving the Mattawoamn restoration goals.

Page 42. It is noted that the Mattawoman reduction of 54% will be very difficult to meet given that many stormwater BMPs individually achieve pollutant reduction efficiencies of less than 50%.

Page 53 - Based on the estimation above that approximately 275 additional projects may be necessary, which is almost three times the currently planned implementation, the cost of these projects would escalate to \$158 million dollars based on the average per project cost for projects already completed and planned. To achieve the goal by 2035, funding close to \$8.4 million per year would be required for these additional projects. When added to the cost of projects and programs already identified (\$40.7 million) the cost is \$200 million or \$10.5 per year until 2035. While a septic connection program cost is a very large sum (\$94.3 million), it is about 60% of the projected cost of treating the same TN load in the stormwater sector. It is also foreseeable that finding enough suitable stormwater projects will simply not be feasible. It is very difficult to reach a 54% total nitrogen goal when many stormwater restoration practices achieve less than 50% reduction efficiency. SEE- Table 22. Restoration Complete and Planned Cost

Completed and Planned \$155,697

Here's the [Ecosystem Services](#) report and recent [MS4 Annual Report](#).

<https://mail.google.com/mail/u/0/?tab=wm#drafts/FMfcgwxwKjBRFQPJbkjZkvsIwMCdkNnnF?compose=CIlgCJNvNLdsJrHCkVGIrjfTBpPzIKTLsbhTdFhTbpBrkZkpWsBsJvvSRVvmLjqqGWHQVXQmvg>