Bay Program And Stormwater Permit Update

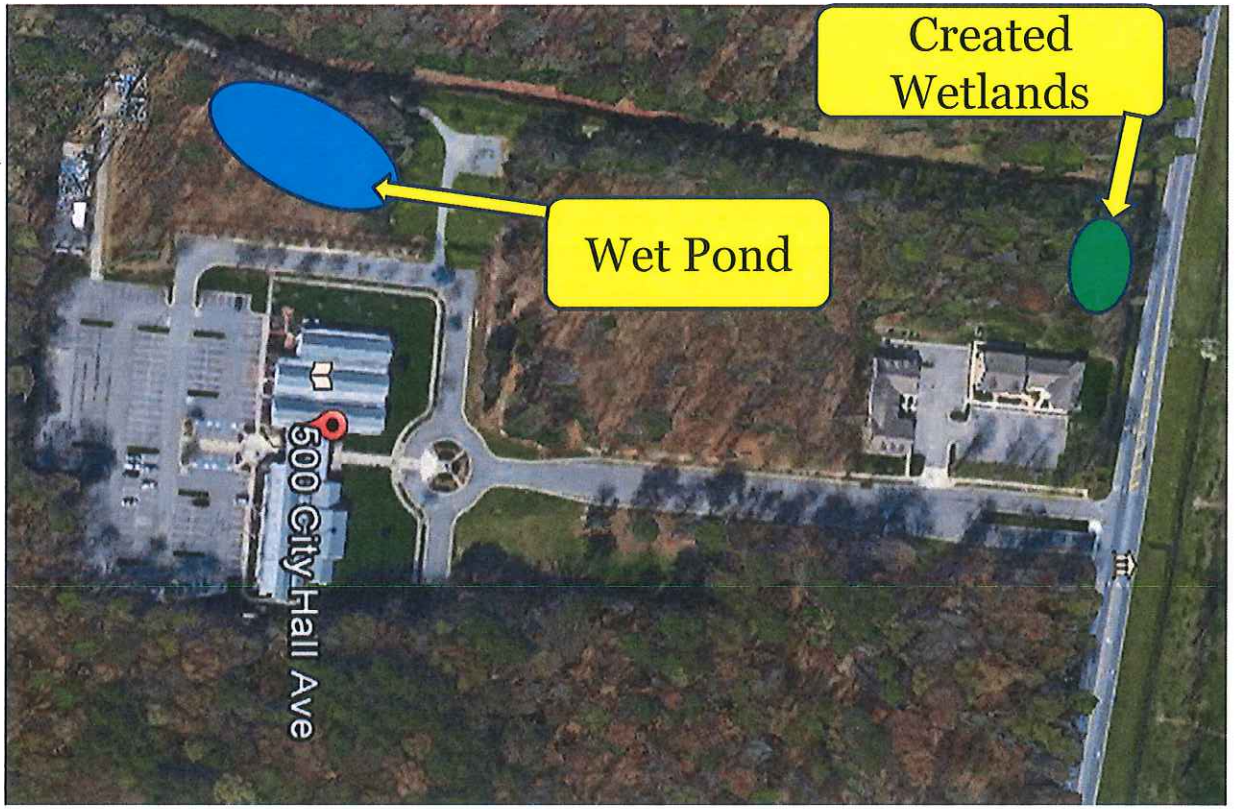
City Council Presentation
January 11, 2016

The Good News

- Some credit for some existing BMPs
- The Bay Action Plan is being revised to account for this credit.
- 5% goal will be met after the Oxford Run BMPs are constructed

Bay TMDL Action Plan Changes

- Strategy: Only commit to actions necessary to meet 2018 (5% removal) goal. Keep working toward 2023 goal.
  - Filter Strips and Enhanced Swale removed from plan because we meet 5% goal without them.
  - Filters and swale can be used in 2023 plan (unless more cost effective options become available).



REMAINING WORK: SLAF Grant Projects Needed to Meet 5% Goal

Next Steps: Before 2018

- Goals:
  - Don't wait for 2018 to begin construction on 2023 BMPs.
  - Do wait for grant funding or more cost effective options.

Next Steps: Before 2018

- FY 2016: Complete Oxford Run projects
- Through December 2017 = Planning & Project Development:
  - Better treatment options: Bay program is reviewing more cost effective measures.
  - Monitor the Model: New Bay Model run in 2017 = new requirements
  - Look and prepare for grants

Challenges

- Moving Target: Bay TMDL requirements will change w/ 2017 CB Model run
- 2023 Goal: More $, more land
- Stormwater Permit work: Getting more intensive and costly with each permit cycle.

Don't Forget the Stormwater Permit

- Approx. 100 tasks that must be completed annually.
- Inspection or Audit likely this or next fiscal year
- Major Deliverables:
  - Public Works Yard SWPPP: FY 2017
  - Online storm drainage system inventory: FY 2018

Equivalent $ Value of Credit from Existing BMPs (Deferred Program Costs)

$ 590,500

- Construction costs; does not include purchase of land or design/permitting costs
- Based on state's goal of $50,000 per pound for Phosphorous removal.
- City received credit for 11.81 lb. of Phosphorous removal