Olney Elementary School
Stormwater Retrofit Project

- Montgomery County Public Schools (MCPS) is a co-permittee on the county’s 2010 MS4 permit

- DEP has been collaborating with MCPS since 2012 to identify stormwater retrofit opportunities on school sites.

- DEP has an inventory of 934 stormwater retrofit opportunities at 132 schools in the county.

- Olney Elementary School is one of nine other schools where a total of 33 new ESD stormwater facilities have been constructed by DEP.

- Three new ESD stormwater facilities were constructed at Olney Elementary School and provide treatment for 2.26 acres of impervious cover.
  - 2 Bioretention
  - 1 Raingarden
Before and After Conditions in Front of Olney Elementary School, Along Queen Mary Drive

Before - Stormwater runoff from Queen Mary Dr eroding shoulder of the road

After – Stormwater runoff is conveyed along curb and gutter to inlet below and into raingarden
Newly Completed ESD Stormwater Facilities at Olney ES
Ribbon Cutting to Celebrate Project Completion

- DEP staff gave a presentation to the 4th grade Class about the importance of stormwater management.

- The 4th grade class also participated in the ribbon cutting event
Ribbon Cutting to Celebrate Project Completion

Students from 4th grade class presenting what they learned about stormwater management

https://youtu.be/vHvuY15Y4ik

Student being interviewed by MCPS-TV

4th grade class with Michael Durso, President MC Board of Education, Carla Glawe, School Principal and Corey McClellen, 4th Grade Teacher, (back row)
DEP Is Coordinating With MCPS Division of Construction, Olney ES Staff and PTA To Develop Plans for Outdoor Classroom Project in the School Court Yard