

The Pompeston Regional Stormwater Management Plan

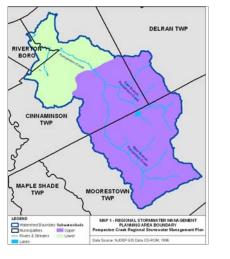
Interim Meeting Palmyra Cove June 9, 2009

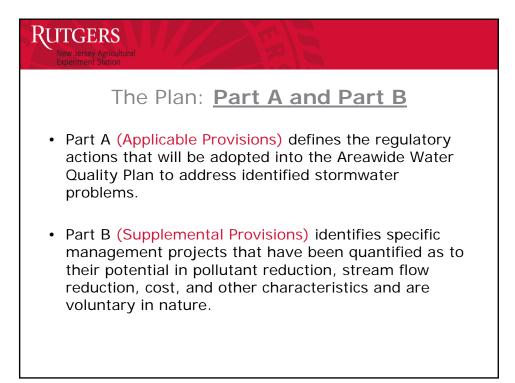
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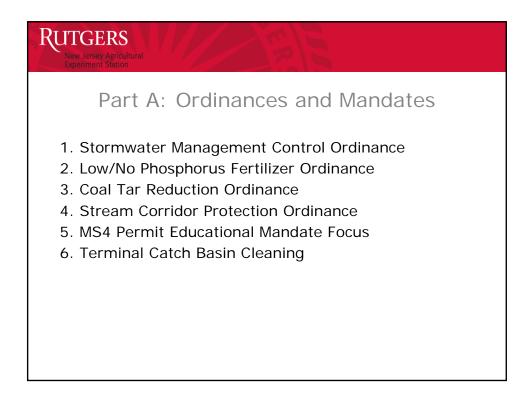


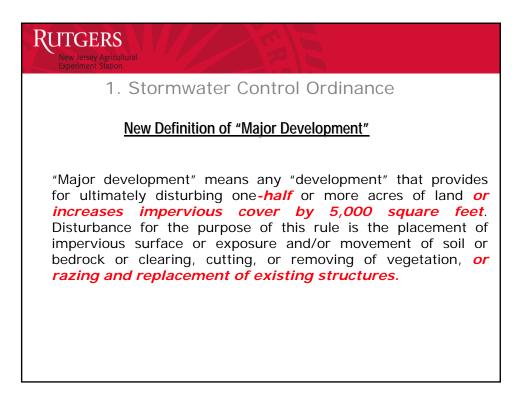


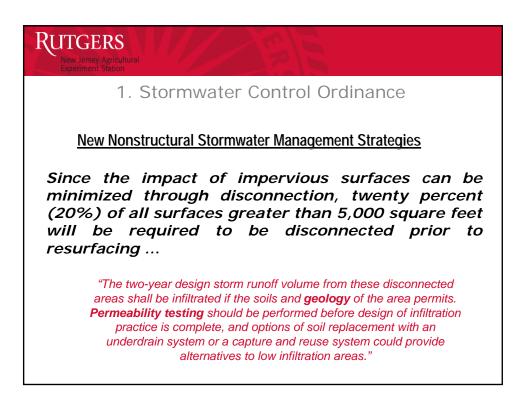
- 8.6 square miles in size
- Discharges to the Delaware River
- Contains portions of Moorestown, Delran, Riverton and Cinnaminson
- Contains 10-13 miles of river and more than 13 acres of lakes
- Waterways in lower HUC designated C1
- Aquatic life advisory in lower HUC
- Water quality data collected indicating bacteria and phosphorus exceedances

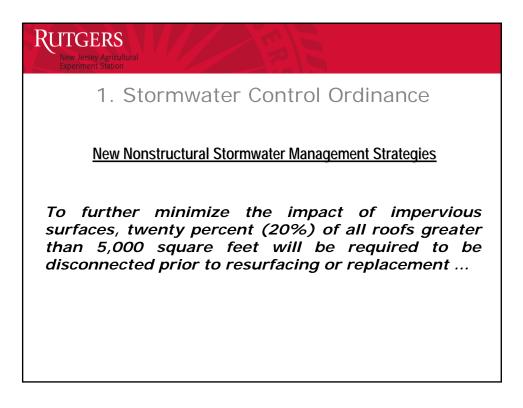




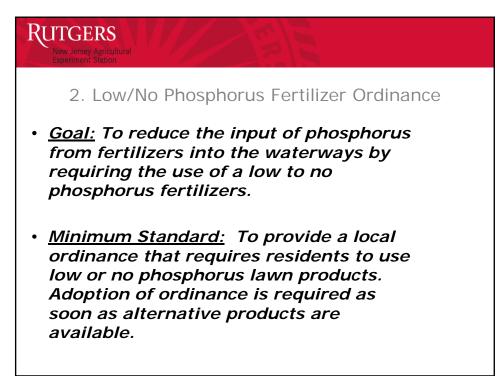


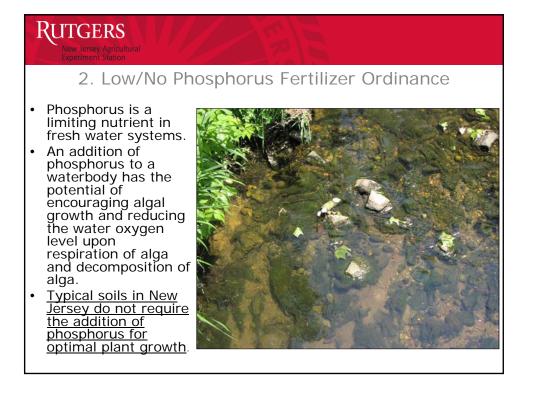












RUTGERS

3. Coal Tar Reduction Ordinance

- <u>Goal:</u> To reduce the input of petroleum hydrocarbons into the waterways by restricting the use of coal tar sealers on residential driveways.
- <u>Minimum Standard:</u> To provide an ordinance that will guide the proper application of products necessary to the maintenance of paved surfaces while minimizing the negative impact on water resources. Adoption of ordinance is required as soon as alternative products, such as asphalt based sealers, are available.



3. Coal Tar Reduction Ordinance

Basis and Background

- Coal tars contain a high level of polycyclic aromatic hydrocarbons (PAHs)
- Application of coal tar sealants on parking lots and driveways abrade away with weathering
- · Need to be applied regularly
- Sediment concentration of PAHs in urban ponds has been found to be increasing with time (USGS,2006)
- · Carcinogen may pose dredging issue in future
- Delaware in Zone 2 & 3 has documented levels of PAH that exceed recommended levels and reference DRBC TMDL statement

RUTGERS 4. Stream Corridor Protection Ordinance Goals: -To delineate a contiguous stream corridor to buffer the Pompeston Creek and its tributaries from the impacts of development and nonpoint pollution. -To control the unnatural alteration of the stream channel, flood plains, wetlands and steep slopes Minimum Standard: To adopt an ordinance that will provide a legal basis for the municipal review agencies to strengthen the stream corridor protection. Water Quality Rules promulgated since this plan was created require every town to adopt a riparian zone ordinance the same or as equally protective as the model ordinance prepared by the Passaic River Coalition

