



UNRBA
Nutrient Credit
Development
Project
BOD Meeting
March 2017



March 15, 2017



Overview of the UNRBA Credits Project

- > Collaborative effort with the Division of Water Resources
- > Incorporated input from subject matter experts
- > Goal: increase the number of approved nutrient reducing measures for compliance with the Falls Lake Rules
- > UNRBA prioritized several measures for credit development
 - Available research
 - Stakeholder feedback for implementation potential
- > Project is nearly complete (started in 2014)
 - Credits for 8 new practices have been developed and are in various stages of finalization and approval
 - UNRBA Credit Tool is being developed to track progress toward nutrient load reductions



Credit Development (Expanding the “Toolbox”)

New measures being developed by DWR
(e.g., street sweeping)

Existing measures with approved credits
(e.g., wet ponds)

New measures developed by UNRBA:

- Design variants
 - Bioretention
 - Infiltration
 - Level spreader filter strips
- Soil improvement with pervious area nutrient management
- Removal of illicit discharges
- Buffer restoration in developed areas
- Land conservation
- Cattle exclusion (contingent approval)





Status of Credit Development

- > Three practices are available for use through the Division of Energy, Mineral and Land Resources (Stormwater Program)
 - Bioretention design variants (approved)
 - Level spreader filter strip design variants (approved)
 - Infiltration device over/under sizing (approved)
- > Soil improvement was approved by the Director in March and is available for use
- > Public comment recently ended on two practices
 - Removal of illicit discharges
 - Cattle exclusion
- > Buffer improvement in developed areas will be submitted to the PFC for final review soon



Status of Land Conservation Credit

- > UNRBA submitted this practice for DEQ approval in October 2016
- > DEQ had informally rejected a previous draft in July 2016
- > UNRBA is scheduling a meeting with the new administration at DEQ to discuss this credit and the broader UNRBA efforts
- > Strong support from land conservation groups for this practice



UNRBA Credit Tool

- > Most practices have been coded into the Tool
 - All stormwater control measures from the Jordan Falls Stormwater Nutrient Accounting Tool including 3 UNRBA practices
 - Bioretention design variants
 - Level spreader filter strip design variants
 - Infiltration device over/under sizing
 - Soil improvement with pervious area nutrient management
 - Cattle exclusion
 - Buffer improvement in developed areas
 - Removal of illicit discharges
 - General form for other credits

