



UNRBA
Nutrient Credit
Development
Project
BOD Meeting
September 2016



September 21, 2016

Task 1 – Credit Development



Effects of State Stormwater Program on UNRBA Project

- The Division of Energy, Mineral and Land Resources (DEMLR) began a process to revise the NC Best Management Practices (BMP) Manual
- Includes revised nutrient crediting for stormwater control measures including three practices being developed by the UNRBA
 - Bioretention design variants
 - Level spreader filter strip design variants
 - Infiltration devices (over and under sizing)
- The UNRBA has submitted final practice standard documents to DEQ for these three practices



Effects of State Stormwater Program on UNRBA Project, continued

- DEMRL will incorporate our work into the revised manual to be released for public comment on September 30th with a targeted implementation date of January 1, 2017
- Crediting methods for these measures are applicable to existing development and new development
- All Stormwater Control Measures will incorporate an over / under sizing approach
- Additional practices previously identified by the UNRBA as high priority will also be included in the revised manual
 - Permeable pavement design variants
 - Grassed swales with check dams



Soil Improvement

- Final practice standard was approved by the Path Forward Committee for submission to DEQ on August 24th pending additional revisions regarding credit life and verification
- Modified text was distributed to the PFC and DEQ for final review
- Practice standard was submitted to DEQ on September 14th
- DEQ is reviewing the final draft prior to releasing for public comment
- DEQ may revise language regarding credit life that we will continue to track during and after public comment



Livestock Exclusion

- Draft practice standard released for review by the PFC, Nutrient Scientific Advisory Board (NSAB), and Watershed Oversight Committee (WOC) of August 16th
- Received comments from the WOC and NSAB
- Will draft preliminary responses to comments for discussion with DWR and the PFC
- Finalize with practice standard for final PFC review
- Following PFC approval at the October PFC meeting, send to DWR as final document for public comment



Land Conservation

- Agency rejected nutrient credits for land conservation in a letter dated July 8th from Jay Zimmerman
- Drafted practice standard document for review by the PFC for formal submittal



Buffer Restoration in Developed Areas

- We have met with the agency several times to discuss methods and constraints with existing buffer rules
- Revised methodology in June based on feedback from DWR
- Submitted a preliminary, partial draft practice standard to DWR on July 8th; expecting comments back in mid September
- Finalize a draft for review by PFC and NSAB



Elimination of Illegal Discharges

- Drafted practice standard based primarily on the Chesapeake Bay framework
- Data incorporates local data when available (City of Durham mobile car wash study and HVAC coil cleaning study)
- Submitted a preliminary draft practice standard to DWR on August 16th
- Anticipating comments back in to mid September

Task 2 – Tool Development



UNRBA Credit Tool

- DWR has generated a 4th version of JFSAT that needs to be coded into the UNRBA Credit Tool
- We will begin coding in non-structural measures as practices move through the approval process:
 - Livestock exclusion, buffer restoration, and removal of illicit discharges from storm systems or surface waters
- Task Force call on September 20th to discuss reporting requirements with DWR



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