



UNRBA
Nutrient Credit
Development
Project
PFC Meeting
July 2017



July 26, 2017



Credit Development



Review Earlier Submittals to Support Credit Development

- Screening Analysis available at the UNRBA credits website
 - Screened 55 potential measures for data quality and implementation potential
 - Selected priority measures for credit development
- Trapping Analysis available at the UNRBA credits website
 - Estimated trapping and delivery factors for 12-digit HUCs
 - Used USGS SPARROW modeling to account for stream and reservoir transformations
- Nutrient Removal Database for Priority Measures
 - Summarizes pollutant removal data for more than 150 publications
 - Delivered electronically to the Executive Director



Status of Completed Practices

Practice	Final Approved by PFC	Public Comment Complete	Director Signature or in DEMLR BMP Manual/Crediting
Bioretention design variants	✓	✓	✓
Level spreader filter strip design variants	✓	✓	✓
Infiltration devices (over/under sizing)	✓	✓	✓
Soil improvement with pervious area nutrient management	✓	✓	✓
Cattle exclusion	✓	✓	✓
Removal of illicit discharges	✓	✓	✓
Land conservation	✓	NA	See status update
Buffer improvement in developed areas	✓	✓	See status update



Land Conservation Credit--Status of DEQ Discussions

- Met with DEQ Secretary and leadership team on April 3, 2017
- Met with Sheila Holman on June 22 and plan to follow-up that meeting on July 28 to discuss policy options
- Proposed UNRBA changes to Senate Bill 434 to allow credit were removed from latest draft



Status of Buffer Improvement in Developed Areas

- Received comments during the public comment period which ended in early May
- Discussed next steps with DWR on June 22nd
 - DWR to revise document based on public comments
 - Method of credit calculation unlikely to change
 - Discount factors may be revised
 - May allow 100% enhancement projects rather than 50% limit
 - Send to UNRBA and NSAB for review and input before sending to Division of Mitigation Services (likely meeting in August with DMS and DWR)
 - Send back out for public comment
 - Finalize and include in the DWR model program & catalogue of practices



Tool Development



Status of UNRBA Credit Tool and User Guide

- PFC approved Tool and User Guide at the June 7th meeting
- Final documents will be posted on the UNRBA credits website:
<https://www.unrba.org/nutrient-credit-program>

The slide features a white background with a vertical line near the left edge. On the left side, there is a blue trapezoidal shape. On the right side, there is a brown trapezoidal shape. The text "Project Closeout" is centered in white on the brown shape.

Project Closeout



Project Closeout

- Closeout memorandum will be submitted to Executive Director along with final invoice
- Six practices are approved for use in the Falls and Jordan Lake watersheds
 - Three practices are also approved for use on new development
- Two practices are still under consideration by DEQ
- The UNRBA Credit Tool is available for use



Acknowledgements

- This project was a collaboratively effort with invaluable input from
 - UNRBA members
 - Agency staff
 - Subject matter experts/university researchers
 - Members of the Watershed Oversight Committee
 - Members of the Nutrient Scientific Advisory Board
- Collaborative approach reflects the best science and consideration of implementation issues
- Many **Thank You's** to all who participated!

