



UNRBA
Nutrient Credit
Development
Project
BOD Meeting
June 2015



Task 1: Status Update on Credit Development



Practice Development Schedule

Task	Batch 1	Batch 2	Batch 3
Preliminary documents to SME	April	May	June
Receive SME feedback	May	June	July
Draft full documents	June & July	July & August	August & September
External Review (PFC, NSAB, DWR)	August	September	October
Address comments	September	October	November
Submit to DWR for formal review process	October	November	December

*Reprioritization of practices may result in some practice standards being delivered in the first quarter of 2016.



Batch 1 Practices

- Filter strips with design variants, infiltration devices, and soil amendment
- Preliminary documents have been reviewed by the SME and they presented their feedback to the PFC on June 2nd
- We have scheduled a meeting with DWR to work through methods and assumptions on two of the practices
- We will be drafting practice standards in June and July
- Informal review process (PFC, DWR, NSAB) will occur in August
- Submit draft practice standards to DWR in October



Batch 2 Practices

- Bioretention with design variants, land conservation, and pervious area nutrient management
- Preliminary documents were submitted to the SME in late May
- We are anticipating comments back in late June
- We will be drafting practice standards in July and August
- Informal review process (PFC, DWR, NSAB) will occur in September
- Submit practice standards to DWR in November



Preliminary Schedule for Batch 3 Practices

- Requested data from Deanna Osmond in late May based on recent data collected in the Jordan Lake watershed
 - Provided preliminary data for livestock exclusion in early June
 - Indicated that riparian buffer nutrient reductions were based on modeling and not appropriate
- Coordinating with John Cox to get the City's data on
 - Elimination of Illegal Wastewater Connections
- Drafting preliminary documents in June and July depending on when data is obtained

Task 2: Scope of Work for Credit Calculation Tool



Task 2 Scope of Work

- Original contract funded Task 2.1
 - Compare four models and tools for credit calculation
 - Develop a recommendation for the UNRBA Tool
- Technical Memo drafted and reviewed by PFC in February
- Revised and final Memo distributed May 5th
- Scope and budget for tool development
 - Developed after the memo was finalized
 - PFC discussed during May and June PFC meetings
 - Voted to recommend development of the basic tool (\$71,900) and to consider adding supplemental features at a later date with additional funding



Framework for the Basic Tool

- Spreadsheet based tool
 - Integrate output from existing tools (not duplicative)
 - Track and report progress towards reduction goals
 - Account for structural and non-structural measures
- Work with a Task Force of 5 PFC members and DWR staff to ensure that
 - Methods and assumptions are acceptable
 - Tool meets the needs of the UNRBA
 - Proper balance of user friendliness and adaptability
 - Determine if any supplemental features should be recommended



Supplemental Features

- Planning level analysis of future practices
 - Develop assumptions and methods for planned practices
- Advanced tracking
 - Integrate data from other tracking tools or databases to provide additional reporting and tracking information (e.g., GIS databases)
- Hydrology options
 - Incorporate additional hydrologic calculations like the ones used in Storm-EZ
- Advanced GUI
 - Enhance the user-interface to retain user adaptability



Summary of PFC Recommendations to the Board

- Approve development of the Basic Tool (\$71,900) through a contract amendment
- Allow the Task Force and PFC to determine if supplemental features should be included
 - Review by Executive Director and PFC at the September PFC meeting
 - Recommendation to follow at the Board's September 16th Meeting
 - If the PFC recommends some or all of the supplemental features, a Scope Modification and Contract Amendment would be presented to the Board for action in September.



Discussion, Questions, and Feedback Welcome



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