

UNRBA Nutrient
Credit Development
Project
Status Update May 2014





UNRBA Nutrient Credits Project Overview

- Task 1 – Develop Nutrient Credits for 20 to 25 Measures
- Task 2 – Select and Develop a Tool to Calculate Credits
- Task 3 – Research Issues Associated with Credit Trading
(not currently funded)



Task 1 Process

Define 55
Measures

Screening
Analysis

Select
20-25
Measures

Develop
Credits



Define the 55 Measures

- The UNRBA included 55 measures to include in the screening analysis
- Before work starts, we need to define the measures
- Full day meeting tomorrow
 - Define the measures
 - Document stakeholder input
 - Update new information (e.g., local studies)
 - Review the factors used to rank the quality of available studies



Objectives for Tomorrow's Meeting

- Define the ~55 measures that the UNRBA has chosen to include in the screening level analysis
- Discuss renaming or regrouping as needed
- Document feedback from meeting participants
- Potentially remove ~2 measures from the original list because they are not applicable in the watershed
- Suggest adding others based on preliminary feedback
- Review the attributes that will be used in the screening level analysis to select the measures that will be fully developed



Screening Analysis

- Very brief literature review
- Determine which measures have the best chance for DWR approved credits
 - Recent
 - Local, or Piedmont
 - Scientifically defensible
- Incorporate feedback from the stakeholder meetings with the WOC, WRAC, DWR, and PFC
- Work with the PFC to select 20 to 25 measures for credit development



Develop Credits for Selected Measures

- Create a database from the available studies
 - Nutrient reduction performance data
 - BMP characteristics
 - Treated area characteristics
 - Design specifications/implementation requirements
- Address data gaps through a survey of local experts
- Use statistical analyses to calculate the credits associated with each measure
- Specify design criteria or minimum implementation requirements



Work Closely with DWR on the Credit Approval Process

- Meetings and documentation review
- Incorporate feedback throughout the process
- Reach agreement on what makes a study “high quality”
- Recommend credits for measures
- Work with EPA’s contractor (Tetra Tech) to assign an additional 4 to 6 measures for credit development
- Tailor our documentation to match the format DWR is using to release measures for public review



CENTER FOR
WATERSHED
PROTECTION

Unrba

 **Cardno**
ENTRIX
Shaping the Future