

## CDM Smith Project Status – October 27, 2015

- **Nitrate Implementation Measures Study (NIMS)**
  - Presentation of preliminary findings was made to Executive Committee policy meeting on October 21.
  - Ongoing work is focused on the following:
    - Preliminary findings are being further investigated and enhanced where appropriate; additional analyses, e.g., other scenarios as mentioned in the October 21 meeting, are being evaluated.
    - Additional coordination with AID and Larry Walker Associates (LWA) team on pilot study area work and its linkages to AID Archetype analyses
    - Developing materials related to nitrate implementation measures (and linkage to salt implementation measures) as related to SNMP implementation, e.g., at the Management Zone level. Intent is to present preliminary findings in this area at November 18 policy meeting.
    - Beginning process of developing sections of project report
- **Surveillance and Monitoring Plan (SAMP)**
  - Work is generally complete on the selection of a proposed deep groundwater monitoring network.
  - Equal area, uniform grid cells at a range of sizes (1 square mile grid cells to 16 mile grid cells) have been constructed for each of the IAZs (examples were illustrated as part of NIMS presentation at October 21 policy meeting). Power analysis curves have been developed for TDS and nitrate for each of the IAZs. The power analysis curves indicate the level of certainty for the range of grid cells sizes/number of sample stations in the monitoring network.
  - Work is ongoing in the development of shallow groundwater monitoring network.
  - Drafting of report sections is ongoing.
- **SSALTS**
  - Finalization of the Phase 3 SSALTS report (salinity implementation measures) is on hold pending the development of NIMS - the objective is to bring the nitrate implementation analyses to the same level as the SSALTS analyses so that implementation measures for salinity and nitrate can be discussed in an integrated manner. Planning to talk about implementation measures in general (NIMS and SSALTS) as part of November policy meeting.