## Nutrient and Water Management Workshop 30 August 2011

## **Some Interesting New Questions**

- 1. What new data is needed to evaluate the feasibility of alternative nutrient and water management strategies?
- 2. Is artificial storage and recovery of wastewater a solution to the "storage problem?"
- 3. Are Rapid Infiltration Basins (RIBs) always a better disposal option than direct discharge to surface waters?
- 4. Can wastewater processing be adjusted through the year to produce a more useful product for agricultural use?
- 5. Would separate gray-water collection and processing help control wastewater management costs?
- 6. Are biosolids from wastewater treatment facilities and septic systems a useful source of nutrients for agriculture?
- 7. Are there better crops for wastewater spray irrigation (better cultivars designed for this purpose)?
- 8. What agricultural practices do the best job of minimizing "nutrient leakage" to the environment?
- 9. Could the establishment of spray irrigation districts (groups of nearby farms that accept wastewater for irrigation/fertigation) encourage reuse and recycling of nutrients from wastewater?
- 10. How can natural bioremediation in groundwater be quantified to determine the fate of wastewater and agricultural nutrients between recharge at the source and discharge to the surficial environment?
- 11. What monitoring is needed to determine the ultimate impact on the environment of present domestic, agricultural and wastewater management practices?