

SALT/NUTRIENT MANAGEMENT PLAN
Technical Work Group Subcommittee Meeting Minutes
March 3, 2010
Location: Palmdale City Hall

Attendees: Jessica Bunker (Waterworks District), Richard Caulkins (LACSD), David Charlton (Edwards AFB), Erika de Hollan (LACSD), Matthew Knudson (PWD), Walter Kuentz (Rosamond CSD), Bob Large (Lake Town Council), Thomas Mele (Edwards AFB), Jon Pernula (PWD), Dave Rydman (Waterworks District), Jamshed Yazdani (City of Lancaster), Peter Zorba (City of Lancaster)

Data Collection and Assessment

We discussed the available water quality information that has been collected. Palmdale Water District will be providing a shape file with their historic and current groundwater and surface water data. Edwards Air Force Base also volunteered their water quality information. Rosamond Community Service Districts submitted a copy of a groundwater banking recharge pilot test report that provides some water quality information. Bob Large (private home owner) mentioned he also had water quality information from his private well.

In assessing the available information, we discussed the possibility of a 10 year baseline, depending on the amount of historical water quality information that is collected and the water quality trend analyzed.

In addition to the historical data available, we discussed the potential constituents to be addressed in the Salt/Nutrient Management Plan (SMP) that may include:

Salts – Total Dissolved Solids

Nutrients – Nitrates, Nitrites, and Ammonia

Others – Arsenic

Once all the data has been reviewed and analyzed, the stakeholder group can determine the baseline and the constituents to be addressed in the SMP. The area boundary will be determined by the spatial coverage of the water quality data collected and adequate participation by relevant stakeholders.

Private Wells

Stakeholder Bob Large shared concerns on distributing the farmers'/private home owners' existing well water quality information. The group discussed ideas on how to deal with the confidentiality issue. Once the technical work group has collected and analyzed the water quality information and spatial coverage for the determined sub-basins, we could provide the final analysis to Bob, and he could determine if the private owner's water quality levels are within the same level ranges as the nearby existing wells. Bob also mentioned that he could be the point of contact for other private well owner's water quality data. If we have enough spatial coverage and water quality

information with the water and waste water agency wells, then the stakeholders may not need to use private well data in the SMP.

Draft Scope of Work Comments

We received comments from the Lahontan Regional Board. The Board provided some minor comments with three notable additions to the draft scope of work.

The first comment was to select an appropriate model for data analysis and run the model, calibrate the model, and compare various model runs to observed values for each basin. The stakeholder group shall determine the type of model to use, if deemed necessary. There was a discussion on trying to maintain low costs by keeping the SMP simple and, if necessary, perhaps using or expanding upon an already developed model, if available.

The second comment was to develop the future planning scenarios for the future users/uses for projected recycled water production, reuse, discharges into the basins, and expected quality of each wastewater treatment facility (existing and projected). The planning spans could include a 5, 10, 25, and a 50-year projected plan, or as determined by the stakeholders. There was discussion that the IRWMP “recycled water subcommittee” should meet to reassess and outline future recycled water projects and distribute the results to the stakeholder group to include in the SMP.

The third comment was to prepare a draft report to present data collected during basin characterization and model results for each sub-basin.

The revised scope of work will be provided at the next SMP stakeholder meeting on April 14th, incorporating comments provided by the stakeholders.