



Scope of Work Task Force Town of Marana DMA 208 Amendment

Minutes of May 11, 2009, Meeting *Revised*

Attendees

Dorothy O'Brien, Town of Marana
Mike Caporaso, Westland Resources
Chuck Wesselhoft, Pima County, Attorney
Thom Martinez, Westland Resources
Melodee Loyer, Tucson Water
Michael Block, Metro Water District
Ed Curley, Pima County Regional
Wastewater Reclamation Dept.

Matt Matthewson, Pima County Regional
Wastewater Reclamation Dept.
Diane Hofstal, Pima County Regional
Wastewater Reclamation Dept.
Reis Lindley, Tucson Water
Barbara Johnson, Town of Marana
Deborah Tosline, Bureau of Reclamation
Chris Avery, Tucson Water
Claire Zucker, PAG staff

1. Call to Order and Introductions

Claire Zucker called the meeting to order at 9:30 a.m. and introductions were made.

2. Approval of the Minutes

Because minutes had not been completed for the April 24 meeting, the Task Force did not approve any minutes at this meeting.

3. Marana 208 Amendment Status

Claire Zucker asked for feedback on the list of revisions compiled by Westland Resources based on the April 9 and May 11 meetings of the Task Force. Discussion ensued about the list and Task Force members clarified that the existing uses for the Marana WRF would be added to the paragraph on page 30, that the Wastewater Service Agreements section would be moved to the end of page 35 and that the last comment (p. 35) could be expanded to state that a summary discussion would be added to explain how the Marana WRF would be phased out.

4. Revised 208 Amendment Text and Figures

The Task Force continued to review the draft amendment, beginning on page 38. Mr. Curley asked that a discussion be added about the reasons for not putting a treatment works at the Continental Ranch pump station site. Melodee Loyer discussed the difference between the sequencing batch reactor (SBR) and membrane bioreactor (MBR

and noted that the SBR would require additional filters to produce class A+ water. She asked if the added cost of filters had been considered when making treatment choices. Mr. Caporaso said that the 208 amendment did not go into that level of detail for construction costs, but that the filters would be added if an SBR system were chosen. Mr. Martinez added that the filters had been considered and it had not been decided if the wastewater utility or the reclaimed water utility would be paying for that. In response to a question, Dorothy O'Brien confirmed that the Town plans to have a wastewater utility, a reclaimed water utility and a water utility. She recalled that \$15/gallon was budgeted to cover treatment costs, which should amply cover expenses for either the SBR or MBR treatment. The Town will be working with its financial analyst to assess how the costs are spread among the utilities.

Mr. Curley stated that when Pima County evaluated treatment choices for outlying facilities, it had decided that oxidation ditches made the most sense in terms of cost for the utility and quality of water. The County's experience with MBR indicates that this method has much greater capital costs and operational costs. He expressed concerns that some capital and operational costs were not included in the estimates shown in the amendment or the Sewer Basin Study. Ms. Zucker outlined the costs that had been provided in the 1999 Sahuarita 208 amendment. Ms. O'Brien said that the information from the financial study conducted by the Town could be introduced and incorporated into the amendment.

Mr. Block asked that the document include additional discussion about enhanced treatment and the fact that there is no current regulatory standards for pharmaceuticals, but that the levels are low and do not pose a concern. On reclaimed water, it would be good to add a table showing reclaimed demands in the planning area. Ms. Loyer added that there are significant reclaimed water demands in basin 9 associated with Dove Mountain. Ms. Johnson agreed to add a table showing reclaimed water use including the Town's provision of reclaimed water. Mr. Block asked whether recharge water would be treated to A+ and Mr. Martinez replied that this was the intent.

The Task Force discussed the financial plan as provided in the amendment. In response to a question, Ms. Johnson stated that the Marana facilities will not result in increased rates to the Marana citizens. Mr. Curley said that it would be good to add a statement to that effect. Ms. Johnson said that this determination was based on a financial plan which included the total real cost of the projects. She added that the Town could provide the rate study to Ms. Zucker for distribution to the Task Force. Ms. Johnson added that the projection income from impact fees was imbedded in the rate structure, but that these had been adjusted to reflect the current economic downturn. Impact fees would be used to pay for future capacity development, but not for existing capacity needs.

Mr. Curley suggested that the Town could add a discussion to the impacts section about the fact that they are building low impact, small footprint facilities, located close to reclaimed usage. Ms. Zucker asked that the construction section include a discussion about how the 208 process will be handled for future expansions and new facilities. In addition, the group felt that archaeology and native plants should be added to the impacts section and that the Town's HCP also could be referenced. As part of the

stormwater permitting discussion in the amendment, the Task Force suggested that the amendment clarify that construction will be conducted in accordance with SWPPP requirements.

In response to a discussion about setbacks for the facilities, Mr. Martinez said that the amendment would be changed to note that listed setbacks are for facilities at build out. Mr. Block noted that the last two bullets under the permitting section were duplicates and he added that sludge is currently listed as being disposed of in landfills, but that application on agricultural land might be a good disposal option. The Town agreed that it would be good to keep that option available and that they would add land application as a possible option in the amendment. In response to a discussion, the Town agreed to add text describing the fact that 208 consistency reports would be completed for each facility as part of its permitting requirements. Mr. Curley added that the AZPDES permit would need to be obtained for emergency discharge to the River.

In the Construction Schedule section of the amendment, the Town agreed to move the table showing the construction plan template to the end of this section and to move the Phased Construction Table earlier in the section. Ms. Loyer gave her observations about some of the downfalls in having an aggressive construction schedule and obstacles that may be associated with choosing a design-build contract. The group suggested that this part of the document be expanded to describe how the phasing will occur and that if package plants might be used on an interim basis. The Town agreed to look into how this discussion could be expanded in the document.

Ms. Loyer suggested that the recharge basins might be used for water storage or recharge and recovery rather than just for disposal. Ms. O'Brien said that this was the intended use for recharge basins and it would be clarified in the document.

5. Visioning the Transition from Pima County to Marana

Because significant amounts of time were used for Agenda item 4, the Task Force did not continue to discuss the vision of the transitioning wastewater provision from Pima County to the Town of Marana.

6. Future Meeting Dates

The following meeting dates and times were selected for future meetings:

May 20, 2009, 9:30 a.m.

June 8, 2009, 9:30 a.m.

June 30, 2009, 1:30 p.m.

7. Adjournment

The meeting was adjourned at 11:30 a.m.