

Notes from Meeting with ADEQ  
January 14, 2013

ADEQ:

Shivani Shah, Environ. Eng. Spec  
Bob Manley, Project Mgr.  
Asif Majeed, Manager, APP & Reuse Unit  
W. Hassinar

ICRSD:

Bob Hilb, Board Chairman  
Bob Busch, District Manager  
Davin Benner, Granite Basin Engineering

Meeting was held at ADEQ Offices at 1110 W. Washington, Phoenix at 10:00 am.

Bob Hilb explained that the District's current permit, granted in 2010, is for an MBR plant for a capacity of 455,000 gallons per day. The District does not intend to construct that plant, but would like to explore ways to revert to the previous permit for the plant now in place.

Asif Majeed asked for and received some background on the District permits from Bob Manley and Bob Hilb. The current permit is for a new MBR plant and for operating the existing Santec plant until the new plant is built. The reporting requirements for the MBR plant are much more stringent than for the Santec plant. Bob Manley noted that special monitoring instructions had been provided to the District's operator for reporting on the existing plant. Mr. Majeed indicated that technically, the District could be considered in violation of the current permit because the permit states that the existing Santec plant has a 455,000 gpd capacity when the capacity is really 62,500 gpd.

There was some discussion among the ADEQ representatives about what would be required to revert to the previous permit, after which Asif Majeed indicated that the District should resubmit the application submitted when the Santec plant was first permitted. That would take much less time than the normal application process. It takes 12-18 months to process a normal permit application. A re-submittal might take 8 months or less.

Bob Hilb suggested that the existing plant may have a higher capacity than the original design of 62,500 gallons per day. Asif Majeed indicated that the District could submit an application to re-rate the plant, based on an engineering evaluation and calculations. Submitting for a rerating could be done now (with a re-submittal of the Santec application) or in the future.

There was some discussion about the criteria for plant sizing. Davin Benner indicated that previous designs had used 200 gpd in the current APP, but that the District has many years of historical data. All the ADEQ representatives were in agreement that historical data should definitely be used and that Table 1 is not the correct sizing criteria and was not to be used by the District

Davin Benner mentioned that there is an unused, decommissioned SBR plant on site for which a closure plant has never been submitted. The District may want to use a portion of the structure as a portion of future upgrades or improvements to the plant. There was a

discussion about the condition of the SBR plant. Asif Majeed said that a closure plan should have been included in the last APP filed. He stated it needs to be done now and when it is approved the District could reuse the structure for any other purpose. He asked that Wael Hassinanr, a ADEQ Hydrologist to join the meeting, as he would determine what hydrological or soil testing would be necessary. Davin Benner indicated that he believed only two of the three basins had ever been used. Mr. Hassinan stated that soil testing would need to be done to verify that the soil under the basin was not contaminated. Testing in a couple of locations under the edge of the basins would be enough. Asif stated that the District would also need to state that all piping from the SBR plant is disconnected and capped.

There was some discussion about future expansions. Mr. Majeed stated that with current flows it was too soon to expand the plant. He said the District could submit an application for phased construction, but they should not build too much capacity. ADEQ requires that expansions must be complete within 5 years or the application would have to be resubmitted.

At the conclusion of the meeting, ADEQ requested that the District resubmit the original Santec package with the addition of a closure plan for the SBR plant. ADEQ committed to expediting the approval.