

Meeting between City of Benton & ADEQ

June 7, 2012, 1:30 P.M. – 2:30 P.M.

Permit Number: AR0036498 AFIN: 63-00063

Present: C. Uyeda, M. Stout, D. Gerst, L. Copenhaver, K. Suel, M. Johnson, L. Reiber, J. Bailey, Matthew Vinyard, MCE; Byron Hicks, MCE; Robert Young, MCE; Terry McKinney, Benton Utilities; Jonathan Buff, Benton Utilities; Dewayne Hood, Benton Utilities

Introductions were made.

Mr. Hicks began the meeting by discussing some history of the Benton plant. He said that from 2007-2010, they had a large number of SSOs—some were valid, and some were not.

Mr. Hicks continued by saying in December, 2010, ADEQ proposed a CAO. Mr. Hicks said they were unaware of how many corrections had already been made. To name a few, he listed an EQ basin that was built. A trunk line was run out to Thomas Pasture. The Hurricane Sewer force main was installed. A gravity sewer line was installed. Temporary power was installed to pump stations. Willow Street station was redone. Capacity issues had already been addressed. There was concern that reporting pump stations did not have direct report as might be recommended in the SSES or C-MOM.

Mr. Young handed out the C-MOM notebooks that were prepared by McClelland Consulting Engineers, Inc. for the Benton Utilities. It was explained that the C-MOM is actually management designed to prevent SSOs, I & I and to provide a regular maintenance program as well as allowing proactive management responses to the whole system.

It was explained that 14 out of 25 lift stations were on Supervision, Control and Data Acquisition (SCADA). Twenty-five more are scheduled for SCADA by the year 2022. Major lift stations can be provided with SCADA capability and be able to print individual maps of the Benton Utilities. Maps of the system are maintained by the Utility and the entire city is included on a digital Autocad color map. Individual grids can be printed at any scale.

When Mr. Young discussed the Budget Appendix he explained that:

\$145,000	was set aside for daily and monthly checks of 140+ lift stations and repairs to pumps and motors
320,000	was budgeted for repairs to the main sewer system and other maintenance.

He explained that the plan calls for them to maintain the plant. This would include smoke testing and video the lines. Information for lift stations, pump generators and priority for future SCADA would be made available to employees. Overflow response time would be evaluated.

Ms. Stout asked if their Class IV wastewater position was still vacant. Mr. McKinney said that it had not been filled, that there were only two other Class IV operators in the area.

There are ten drainage basins that are problem basins, Mr. McKinney noted in a quick review/summary of the Benton system. He said that manhole smoke testing is scheduled to be complete in a year. They have smoke tested 15,000 manholes along the stream. There are I & I problems going out from the Wastewater Plant. Mr. McKinney reported that a 57 million gallon EQ basin was built in 2006 – 2009. The Benton Utilities will be making repairs to ten problem drainage basins. The report is to be complete in one year. They are sending DMRs via Net DMR and doing their SSO reporting appropriately. They do UV disinfection. Their effluent is used to wash equipment in order to reuse water. McClelland did a hydraulic assessment of their system in 2006. They are keeping water quality in good condition. More work is planned to be done on the sewer this year.

Ms. Stout suggested they might consider sending people to a pipe-bursting procedure, probably to be held in the fall. Mr. McKinney was interested in hearing more about the schedule for this procedure. She also told them that smoke testing would be done this month. She suggested they might want to follow up on these.

Ms. Stout also explained that Miles Johnson, Enforcement Analyst, would be working with them within a couple of weeks. Mr. Young reminded Mr. Johnson that he was invited by Mr. Hood to come to Benton for a visit.

The meeting adjourned at 2:30 P.M.

Respectfully submitted,
Deborah Gerst