



Meeting Minutes
January 12, 2011 - 2:00 PM
Traffic Operations Conference Room, Franklin City Hall

Attendees:

Ken Moore, City of Franklin
Eric Stuckey, City of Franklin
David Parker, City of Franklin
Mark Hilty, City of Franklin
Eric Gardner, City of Franklin
Dan Allen, City of Franklin

Bo Butler, SSR
Kati Bell, CDM
Leeann Williams, CDM
Zack Daniel, CDM
Jamie Lefkowitz, CDM (by phone)

I. BOMA Work Session Meeting, January 25th

A draft of the presentation for the January 25th BOMA meeting was presented to the Steering Committee. The focal points of the presentation will include the wastewater demands, previously presented to the Steering Committee and the level of BOMA and citizen participation during Phase II of the IWRP.

The average daily flow at the WWTP during 2010 was 9.4 mgd, which is just short of 9.6 mgd, or 80% of the existing treatment capacity of 12 mgd which is a regulatory trigger for capacity upgrade planning. The IWRP substantively meets the requirements of capacity planning and the City is in compliance with TDEC requirements. The maximum day flow in 2010 was 28.4 mgd (metered WWTP effluent) although higher instantaneous peak flows have been reported. The December 8, 2010 Water Resources Demands Technical Memorandum, describing wastewater demands as well as population projections and demands for water and reclaimed water, will be distributed to BOMA with sufficient time for review prior to the meeting.

It was also noted that all of the Steering Committee Members and the majority of Stakeholders are residents of either the City of Franklin or Williamson County. This representation will be emphasized and included in the BOMA Work Session presentation on January 25, 2011. Additionally, during the January 25 meeting, CDM will remind BOMA that all IWRP Workshops are open to BOMA and the public, and these Workshops will be video recorded and available for viewing. The Phase II project schedule with important milestones will also be presented at the BOMA meeting.

II. Subtask Status updates

A brief summary of each subtask's status was discussed and a summary of notable items is summarized below.



- A. The existing study on the Water Treatment plant is being reviewed to aid the analysis of the potential impacts regarding cryptosporidium and disinfection by-products.
- B. The existing collection system flows have been summarized by SSR. During this discussion it was noted that the Lynnwood WWTP is now renamed the Berry's Chapel WWTP. Because of treatment facility issues, there has been discussion that the City of Franklin might acquire this wastewater system at some point in the future.
- C. With regard to the Harpeth River Model, CDM has reviewed both the EPA model and the TVA model that TDEC has been promoting for analysis of river hydraulics and water quality. Gene LeBoeuf has also been reviewing this information with other modeling experts and will support CDM continued discussion with TDEC to select the appropriate river model for application during Phase II of the IWRP.
- D. SSR evaluated the alignment and cost for a forcemain between the existing WWTP and a proposed new WWTP at Goose Creek to convey biosolids in order to treat biosolids at only one location. The estimated cost of this 36,000 linear foot line is approximately \$3 million, not including costs for a pump station. Approximately 4000 linear feet of this line might be eliminated by using an existing forcemain across the golf course.
- E. In addition, SSR is summarizing the projected wastewater flows at build-out for each sewer drainage basin, in order to determine the most efficient split of flows when considering a second wastewater treatment plant. Several areas within Franklin's existing UGB and in the surrounding, potential contributing areas have a great likelihood of development, which will result in additional flows to the City's wastewater treatment facilities.
- F. Dan Allen was present at this Steering Committee Meeting to discuss "green initiatives" to offset energy use at the WWTP. One consideration has been implementation of solar energy projects, but the Steering Committee also discussed other ideas such as biogas capture. The dialogue about energy saving measures as part of the IWRP projects will continue as Phase II progresses.

III. Upcoming meetings

A Biosolids Process Alternatives Workshop will be held at the beginning of February; a similar WWTP Process Workshop will also be scheduled.