

MEETING SUMMARY  
GWEF – WASTEWATER TREATMENT COMMITTEE (WWTC)  
Chair: Greg Goodman  
Vice-Chair: Stuart Humphries

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Meeting Date: March 14, 2008  
Location: Big Creek WRF, Fulton County  
Presiding: Greg Goodman  
Prepared by: Stuart Humphries

Attendees gathered at 10:00 AM for a plant tour provided by John Bartelmo, OMI-CH2M Hill (see attached photos). Mr. Bartelmo identified existing plant processes and described future processes currently under design for an upcoming facility expansion. The tour ended at approximately 10:45, at which time attendees moved to the conference room for lunch and the start of committee business discussions. The WWTC thanks OMI-CH2M Hill for providing lunch. The meeting concluded at 1:00 PM.

Numerous issues were discussed during the WWTC meeting, which are as follows:

1. Meeting minutes from January 15, 2008 were approved by the committee.
2. Georgia Association of Water Professionals (GAWP) Spring Conference Program: Greg Goodman led a discussion of the programs to be presented at the upcoming GAWP Spring Conference (April 22 & 23 – Columbus). The program session topics will consist of “Septage Receiving,” “Wastewater Facility Case Studies,” and “Odor Control.”

The Septage Receiving session will consist of the following papers: (1) Earnest Earn, GA EPD, “What to do with Septage”; Keith Higgs (or designee), Douglasville-Douglas County WSA, “Impacts of Septage on Wastewater Treatment Processes”; Jim Poff, Clayton County WA, “Septage Rates and Billing in Clayton County and Beyond”. The Wastewater Facility Case Studies session was agreed to consist of the following papers: John Marshall, Forsyth County, “Dick Creek WRF”; Boris Khudenko, Khudenko Engineering and Jim Stafford, Cartersville, “Cartersville WWTP”; Danny Ingram, City of Gainesville, “Linwood WWTP”. The Odor Control Session was agreed to consist of the following papers: Daryl Letto, BioRem, “Clayton County’s Biofilter System”; Stuart Humphries, Crocker & Associates, “Carbon Scrubber Systems”; John Bartelmo, CH2M Hill/OMI, “Wet Scrubbers at the Big Creek WRF”.

2. Topics were discussed for the GAWP Annual Conference, being held August 17-20, 2008 in College Park, GA. These topics include the following: (1) Regulatory Issues, (2) MBR Nutrient Removal Processes, (3) Alternate delivery case studies (Construction Manager At Risk—Gwinnett County Yellow River WRF, Design-Build—Fulton County Johns Creek Environmental Campus, Design-Build-Operate—Fulton County Camp Creek WRF), and (4) Emerging Micro-Constituent Removal. Papers for these topics will be sought after by committee members.

3. Steve Simpson, Black & Veatch, worked with Susan Lee, Peachtree City WSA, on a report to the WWTC regarding one of this year's committee goals. Simpson gave a presentation identifying the background, concerns, and issues related to changing the disinfection indicator organism from fecal coliform to E. coli. Simpson provided the history behind the 200/100 ml fecal coliform limit, as well as the equivalent indicator density for Enterococci and E. coli in fresh and marine water from a 1986 EPA report. Phil Nungesser, Hayes James & Associates, stated that the report is for ambient water quality, and not suited for wastewater disinfection criteria. Simpson then gave pros and cons for changing from fecal coliform to E. coli, further stating that the position of the GAWP is for no change. Srinivas Jalla, CH2M Hill, incoming president of GWEF, inquired whether utilities should be doing testing for correlation between fecal coliform and E. coli. Jim Poff, Clayton County WA, will approach the Laboratory Committee to inquire whether it or any of its members are addressing this issue.

4. Phil Nungesser reported that there were over 100 people at the Reuse Conference in St. Simons Island. Reuse Committee members are in agreement that this was a very successful conference. The Reuse Committee is taking a break and will regroup after some time.

5. John Bartelmo reported that the Awards Committee plant inspections have been completed. The Awards Committee meets March 12, 2008, to determine the winning facilities, which will be recognized at the GAWP Spring Conference.

6. Holly Elmendorf, Gwinnett County, reported that the Agriculture Committee in the Georgia Senate has the bill for removal of jurisdiction from GA EPD regarding pool filling. The Senate is also considering a bill mandating that local governments cannot make tighter restrictions on water use than the GA EPD. The GAWP has taken a position against the latter bill.

7. Elmendorf and Jalla reported that the WEF Membrane Conference, held January 27 to 30, 2008, was a huge success. They thanked the committee and its members for the support given to this conference and related plant tours.

8. The committee was presented with a call for authors for the WEF Manual on Management and Operations Guidance for Water, Wastewater, and Stormwater Systems Security. A WEF media advisory alert was also presented regarding a series of articles by the Associated Press regarding land application.

4. Next WWTC meeting is scheduled for 10:00 AM, May 8, 2008, at the Fulton County Camp Creek WRF.

Meeting Attendees:

Greg Goodman  
Stuart Humphries  
Holly Elmendorf  
Steve Geary  
David Hatabian  
Srinivas Jalla  
Susan Lee  
John Marshall  
Stanley Mize  
Phil Nungesser  
Jim Poff  
Paula Rogers  
O.P. Shukla  
Alexander Sharp  
Anup Shah  
Stephen Simpson  
Wayne Waldrip  
Dave Williams  
Kristina Yanosek

Black & Veatch  
Crocker & Associates  
Gwinnett County  
Cobb County  
PBS&J  
CH2M Hill  
Peachtree City WSA  
Forsyth County  
Gainesville  
Hayes James & Associates  
Clayton County WA  
American Water  
Fulton County  
ARCADIS  
Brown & Caldwell  
Black & Veatch  
Principal Environmental  
Templeton & Associates  
CH2M Hill

Photos from Big Creek WRF tour:



