



Water Quality Management Committee Regular Meeting Minutes January 24, 2006, 1:30 p.m. PPACG Conference Room

1. Call to order / Establish a quorum / Roll Call/ Introductions

Chairperson Todd Dahlberg, called the meeting to order at 1:30 P.M. and stated for the record that a quorum was established. Introductions were made and attending were:

Members

Larry Bishop Sr.
Bill Burks
Todd Dahlberg
Dana Duthie
Jerry Jacobson
Mike McCarthy
Mike Poeckes
Walt Roberts
Jim Schultz
Ron Simpson
Mike Wicklund
Ron Woolsey

Representing

Widfield Water & Sanitation
Woodmoor Water & Sanitation District
Colorado Springs Utilities
Donala Water & Sanitation District
Academy Water & Sanitation District
El Paso County Department of Health & Environment
Donala Water & Sanitation District
Schriever AFB
Woodland Park
Triview Water & Sanitation District
Monument Sanitation District
City of Fountain

Staff

Rich Muzzy
Jayne Blewitt

PPACG Environmental Program Manager
PPACG Website & Publications Coordinator/WQMC Staff

Guests

Melanie Jollett
Ted Knutzen
Charles Cothorn

URS
URS
City of Colorado Springs Engineering

2. Agenda Approval

Larry Bishop moved to approve the agenda. Jim Schultz seconded the motion, which passed unanimously.

3. Public Comments – Items not on the agenda

There were no public comments regarding items not on the agenda.

4. Approval of the November 29, 2005 Meeting Minutes

Jim Schultz pointed out two corrections to the minutes. On page two, 5th paragraph, the last sentence should read, “A peaking factor of four provides for some comfort level over the 2.5 which is ~~required~~ a commonly accepted peaking factor. There was a typo in the first bullet following the 6th paragraph on page two, “teat” was changed to read “treat”. Larry Bishop moved to approve the minutes with stated corrections. Ron Simpson seconded the motion, which passed unanimously.

5. Election of Officers

Ron Simpson nominated Jerry Jacobson as Chairperson; Mike Wicklund seconded the motion which passed unanimously by those members present.

Jim Schultz nominated Mike Wicklund as 1st Vice-Chairperson; Larry Bishop seconded the motion which passed unanimously by those members present.

Todd Dahlberg nominated Mike McCarthy as 2nd Vice-Chairperson; Larry Bishop seconded the motion which passed unanimously by those members present.

6. Site Application for Falcon Highlands Lift Station

Todd Dahlberg reviewed the comments that the WQMC made at the November 29, 2005 meeting and asked that the following items be addressed in the briefing.

- Letter from Treatment Facility saying they will treat the wastewater, not receiving wastes in excess of capacity, not in violation of effluent limits and other information as identified in Regulation 22.
- Legal arrangement of site (warranty deed) showing control of site or right-of-way for the project life.
- Detailed information regarding loading rates of pump stations (WWPS 1 & 2): Documentation that they will be able to handle flows (average and peak flow rates); projected future loading rates; storage capacity in case of emergency; size of lines.
- Time line – Implementation plan and schedule including estimated construction time and estimated start-up date.
- Supporting documentation from WHMD supporting use of 58 gpd/capita or using a rate approved by the State (70 gpd/capita - 100 gpd/capita).
- Clarification regarding organic loading rate – (site application pg 3 of 4 says N/A for % of organic loading).

Melanie Jollett of URS gave a brief overview of the Falcon Highlands Lift Station to the Water Quality Management Committee members and addressed the concerns stated above. Ted Knutzen of URS and Charles Cothorn of Springs Engineering were also present to answer any questions.

Melanie Jollett who has just taken over this project referred to the information provided in the packet. 1) A letter has been provided by Tim Hunker from the Woodmen Hills Metro District stating that they have capacity and will accept and treat the wastewater from the Falcon Highlands Lift Station. 2) A Warranty Deed and legal description have been provided to show legal arrangement of the site. 3) Documentation of loading rates for WWPS 1 & 2 have been provided in the form of a letter from Woodmen Hills Metro District describing the lift station operation and emergency storage. Overflow capacity is at 24 hours average daily flow for both lift stations (WWPS 1 and 2). 4) A timeline was provided. 5) A letter and documentation from Woodmen Hills supporting the use of 58 gpd/capita was included. A collection of data from Woodmen Hills was supplied up to the year 2003. The packet contains water usage based on a 3.5 population density in which an average was calculated over the four years of data (2000 – 2003) and there was an overall average daily flow factor of 63 gpd/capita. Irrigation months were eliminated and that average came out to be 52 gpd/capita. Removing of 80 percent of that for wastewater the

figures come in well under 58 gpd/capita. 6) A letter was included stating that Woodmen Hills is not required to monitor the organic loading rate for influent but the effluent organic loading rates have been included which are 30 milligrams per liter for a 30 day average and 45 milligrams per liter for a 7 day average.

Todd Dahlberg asked if anyone has seen the permit and stated that many times the requirements are not in the actual table of limits but are within the text. Charles Cothorn stated that the permit for Woodmen Hills is currently under review and was initially issued in 1984 for the Paint Brush Hills WWTP. Woodmen Hills Metro District operates the plant for the three entities that own it, which are Paintbrush Hills, Meridian Ranch and Woodmen Hills.

Jim Schultz questioned why the letter from Tim Hunter stated that the Flacon Highlands Lift Station was going to provide 24 hours of emergency storage when in previous discussions and in the report it was stated that 8 hours of storage (at average daily flow) was going to be provided. Concern was expressed from members that there was poor communication with Tim Hunter regarding this project. Some committee members stated that 24 hours of emergency storage was not absolutely necessary but the total peak flow going into the wastewater lift station was just above the design flow of the lift station and there was no accounting for any attenuation in the gravity sewer that goes into the first. If this proposed lift station backs up, it will back up into basements.

Jim Schultz stated that the data provided supported the average daily water use, in non-irrigation season of 58 gpd/capita. Historically speaking wastewater production, generally wastewater flow has much higher peaks than average daily indoor use due to infiltration of inflow. There is a gap there which can be filled with a little data that shows there is not significant amounts of infiltration or inflow especially with new construction.

It was also mentioned that on page 9 (Section 4.4) of the site application report that it states that 1 year of violations will be included in the appendices of the report. This committee was under the understanding that there were not any violations based on the letter provided by Tim Hunter. This needs to be corrected and the credentials need to be added in the report when it goes to CDPHE.

Ron Simpson raised the issue regarding alarm levels. It was then discussed that it was a concern that the calculated emergency storage was above the alarm level and did not include all of the volume up to the alarm. Todd Dahlberg added that in the past, with lift stations it has been required to have enough storage for an average response time for the operator and then have an added amount of time to allow for contingency.

Jim Schultz moved to recommend approval provided that they clarify the amount of storage that will be provided on site and that it is a minimum of eight hours average daily flow, and also that they provide a correlation that justifies 58 gpd/capita of indoor water use is similar to wastewater received. Mike Wicklund seconded the motion. Further discussion followed and Dana Duthie stated his concern regarding sewage being backed up into basements because of inadequate emergency storage. Dana stated that we should not approve the site application until we have seen a plan that supports 24 hours of storage on site.

Ted Knutzen of URS shared the proposed designs/drawings with the committee members and said there is a 12 foot diameter overflow well that is beside the wet well. Melanie said that the wet well and overflow well could possibly be expanded to include additional emergency storage. Ted Knutzen stated that he will verify if 24 hours of storage will be provided.

After discussion, the motion made by Jim Schultz passed with a majority in support. Three votes were made in opposition.

Todd Dahlberg stated that this site application will go before the PPACG Board of Directors on February 8, 2006.

6. PPACG Board of Directors Action Items Report

Rich Muzzy reported that there was not any action taken at the last PPACG Board of Directors meeting regarding Water Quality issues.

7. Date of Next Meeting

The next regular meeting is scheduled for February 28, 2006 at 1:30 p.m.

8. Other Topics and Announcements

Todd Dahlberg asked that members to fill out and return the contact information sheets to Jayne.

There may be an update on SDS/Jimmy Camp Creek for the February meeting.

It was suggested that Gary Soldano of CDPHE would be a good person to have come and speak to the committee.

Larry Bishop announced that there is a House Bill (HB06-1106) that is being introduced by Lynn Hefley that comes from Duncan Bremer and the bill says that if you have not had two consecutive elections for your Board and have not had more than 200 electors (in special districts) you will lose the Power of Eminent Domain. It is directed specifically at developer districts.

The committee members thanked Todd Dahlberg for serving as Chairperson for the last two years.

9. Adjournment - Larry Bishop moved for adjournment at 2:30 PM.