



Water Quality Management Committee Regular Meeting Minutes December 9, 2004, 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

Todd Dahlberg, Chairperson
Larry Bishop, Jr.
John Cloonan
Kurt Dahl
Dana Duthie
Jerry Jacobson
Mike McCarthy
Jim Schultz
Dave Stanford
Harold Thompson
Kathleen Williams

Representing

Colorado Springs Utilities
Widfield Water & Sanitation District
Fort Carson DECAM
Teller County Health Department
Donala Water & Sanitation District
Academy Water & Sanitation District
El Paso County Health Department
Woodland Park
Garden Valley
Fountain Sanitation District
Palmer Lake Sanitation District

Staff

Rich Muzzy
Jayne Blewitt

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

Guests

David Whitehead
Roger Sams
Paul Gilbert

Leigh, Whitehead Assoc.
GMS, Inc.
RTW, Inc.

2. Agenda Approval

Dana Duthie 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.

Mike McCarthy introduced Kurt Dahl of Teller County Health Department who will be attending meetings on behalf of Teller County Health Department.

4. Approval of the September 28, 2004 Minutes

Dana Duthie moved to approve the minutes as written. Mike McCarthy seconded the motion, which passed unanimously.

5. PPACG Board of Directors Action Items Report

Rich Muzzy reported that there was no action taken at the last Board of Directors meeting regarding water quality issues.

6. Site Application for the Septic System at Peyton High School

David Whitehead of Leigh, Whitehead Associates presented the revised proposal for the septic system for the new Peyton High School.

At the previous WQMC meeting the committee requested the following information:

- Meter and its accuracy;
- Representative data from other schools; and
- Water saving devices.

David Whitehead said that the design population that will be used for the school is 300 and based on discussions with the Water Quality Control Division a design rate of 25 gallons per person per day will be used. This is the design rate required by El Paso County Health Department and the State unless adequate data is available to justify a lower rate. The tables in the text and in the application and the well separation rings on the site plan have been revised to reflect a 920 feet separation from any well based on the calculated design flow of 11,250 gallons per day. This revised design flow caused the leech field to be moved about 75 feet north based on the higher design flows. This moved it out of the area where the original test holes were dug to test for the percolation rate, however, other test holes and boring logs from two other geotechnical investigations performed on the property indicate that the same strata exists to at least a depth of 18 feet across the entire site. A geotechnical review of the hole and percolation tests will still be conducted to make sure there are no adjustments required.

Included in the back of the report is two years worth of flow data from Peyton High School, but the site application will move forward with the design population of 300 and a flow rate of 25 gallons per person per day.

Todd Dahlberg expressed concerns about planning for future growth. According to the report the population is expected to be at 275 during the first year with the design population being 300 students. Todd asked what is going to happen after the 300 students is reached? David Whitehead responded, that once the 300 limit is reached that the actual water usage data collected will probably justify that a 9 ½-10 gallon per person per day of actual usage through the meter readings. By planning for the 25 gallons per person per day it will allow for the additional student population.

Mike McCarthy mentioned that the school district is at some risk for the leech field to shift on the lot and that it might require test fields. David Whitehead emphasized that the school district is fully aware of the risks that are involved. The district can either move it or enlarge it. David also stated that the leech field percolation rate was at 13 but was sized at 20.

David Whitehead mentioned a trend that is happening with schools is that kids are not required to shower after gym class. Only about 10 percent of the population is required to shower in a given day and the kitchen feeds approximately 40 percent of the student population per day. To apply

the water usage value for a meal to the entire population is conservative. This package would allow for all kids to take showers everyday and eat a hot meal everyday.

Dana Duthie moved to approve the site application as written. Jim Schultz seconded the motion, which passed unanimously.

7. Guidance Document for Site Location and Design Approval Regulations

Todd Dahlberg reported on the Site Location and Design Approval document that was just developed for Regulation 22. There was a workshop that took place about six months ago to develop a guidance document for Regulation 22. Todd mentioned that he was involved in the process. The document can be viewed on the internet at www.cdphe.co.state.us/wq/tech/reg22/Reg22.html.

The document does a good job of breaking out each of the individual site application tracts, new facility, amended facility, lift station and self certification for interceptors. The document also provides examples of what items are exempt from the site application regulations and cross referencing you back to the regulation. There are some check lists for each of the tracts to help those get through the process. The document contains all 7-8 of the policies. There are some new requirements in the regulation that would be in the best interest for committee members to be aware of. The document is intended to be user friendly and it is recommended to go to the index to find what it is specifically you are looking for.

8. Date of Next Meeting

The next regular meeting is scheduled for January 25, 2005 at 1:30 p.m.

9. Other Topics and Announcements

None

10. Adjournment

Todd Dahlberg. moved to adjourn the meeting. Dana Duthie seconded. The meeting adjourned at 2:03 PM.