



Water Quality Management Committee Regular Meeting Minutes April 26, 2005, 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.
Todd Dahlberg
Dana Duthie
Jerry Jacobson
Matt Lewis
Mike McCarthy
Jim Schultz
Ron Simpson
Phil Steininger
Harold Thompson
Kathleen Williams
Ron Woolsey

Representing

Widfield Water & Sanitation District
Colorado Springs Utilities
Donala Water & Sanitation District
Academy Water & Sanitation District
USAFA
El Paso County Department of Health & Environment
Woodland Park
Triview Metropolitan District
Woodmoor Water & Sanitation District
Fountain Sanitation District
Palmer Lake Sanitation District
City of Fountain

Staff

Rich Muzzy
Jayne Blewitt

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

Guests

Anna Sparks
Millie Carlton
Todd Cartwright
Ted Knutzen
Tracy Yager

JR Engineering
Thee Occasion Event Center
URS
URS
U.S. Geological Survey

2. Agenda Approval

Phil Steininger moved to approve the agenda. Ron Simpson 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 February 22, 2005 Minutes

Ron Simpson pointed out that Triview is a Metropolitan District not a Water and Sanitation District. Ron Simpson moved to approve the minutes with the stated correction. Dana Duthie seconded the motion, which passed unanimously.

5. PPACG Board of Directors Action Items Report

Rich Muzzy reported that at the Board of Directors meeting March 8th they approved the Site Application for Santa Fe Springs Wastewater Reclamation Facility and the expansion of the Upper Monument Creek Wastewater Treatment Facility with the added recommendation to look into the possible collaboration with the USAFA.

Dana Duthie updated the committee on further discussions with the USAFA regarding possible collaboration with the Upper Monument Creek Wastewater Treatment Facility. Dana said that the Air Force Academy would like to take more effluent, but it cannot because current regulations prevent the Federal government from taking outside effluent. Further discussions may take place once they decide to privatize.

6. Results of Deer Creek Biosolids Application

Tracy Yager of USGS gave a presentation on the Deer Creek Biosolids Application Project that is being conducted by the Denver Metro Wastewater Reclamation District and the USGS. Since 1993, the Metro Wastewater Reclamation District (MRWD) has been applying biosolids from their municipal sewage treatment in Denver, Colorado to their property located in Deer Trail, Colorado. The USGS in cooperation with MRWD has been monitoring biosolids, soils, crops, ground water and streambed sediments since the monitoring program began in 1999. Slides showed the chemical data from the fourth and fifth years of the monitoring program (2002 through 2003). The full report along with other progress reports can be found at: <http://co.water.usgs.gov/projects/CO406/pubs.html>.

7. Site Application for Thee Black Forest Occasion Event Center

On March 7, 2005 the Site Application Review Committee (SARC) reviewed the site application for Thee Occasion Event Center. The SARC members agreed that the site application was contingent upon the following items:

- make corrections and clarifications to the Engineering Report so the report is clearer,
 - define acronyms such as PBC and correction on the leach bed size,
 - additional information regarding using a weighted average instead of average monthly flows,
 - expand current description to include an approximate cost to connect with the nearest treatment facility,
 - clarification that drywells are not the same as wet wells,
 - expand the description so it lists all the costs that are involved,
- attach Engineering Design Calculations,
- fill out missing information on site application form: Item # 2 Population Equivalent, Item #10 and Item #11,
- and confirm the BOD loading rate.

Anna Sparks of JR Engineering presented the site application for Thee Black Forest Occasion Event Center in Black Forest. This site is a proposed commercial building in the Black Forest. A residential septic system has been upsized to serve a larger population. The proposed population is 300 patrons and seven employees. There is a kitchen included that the patrons can use for their events. There will be a grease interceptor which goes into a septic tank along with other facilities such as toilets. From there it will go into two separate leach beds in order to satisfy isolation of flow rates from drinking water wells of surrounding properties as well this property. The distribution box will split the flows between the two facilities, and have, one-third go to the

smaller facility and two-thirds to the larger facility. Four inch pipe will be used consistently throughout the system.

Jim Schultz asked Anna Sparks to explain why there will be two separate leach fields. The response was that it was necessary to satisfy the setback requirements from the drinking water wells.

Jim Schultz asked for clarification regarding bedrock. In the Engineering Report it is stated that the soil is no longer referred to as bedrock and then it references quotes from both the Colorado Department of Public Health and Environment and quotes from the soils report that do not support that it is no longer bedrock. There is no statement in the addendum that concludes that there is no bedrock. Anna Sparks responded that according to the State and County definitions of bedrock there is no bedrock present. Jim Schultz requested a more definitive statement from the Soils Engineer this is normal soil and not bedrock.

Larry Bishop inquired about a comment on page 3a, next to Rick Sallier signature on the site application form. Anna Sparks responded that the PELS are required and that CDPHE has not yet provided these PELS.

Jim Schultz moved approval with a recommendation to the Board of Directors for approval with a note that the State would have to match up any PELs if the process was proposed, Ron Simpson seconded the motion and added an amendment that the bedrock situation be qualified and clarified in the report. The motion was approved by all with the exception that Phil Steininger opposed the motion.

8. Falcon Highlands Proposed WWTP

Todd Cartwright and Ted Knutzen of URS presented background information regarding the proposed WWTP in Falcon Highlands and to obtain input concerning the feasibility of the proposed project and factors the committee members would like incorporated. The WWTP's design flow is planned to be 30,000 gallons per day and is expected to consist of an influent settling tank to collect the influent and settle solids, a recirculating sand filter to reduce BOD and SS and ammonia, followed by UV disinfection before discharge. The treatment plant will be designed to achieve the effluent limits required by the PEL.

The effluent will be reclaimed to irrigate local school and park grounds and landscaped areas in Falcon Highlands. During the non-growing season and when there is surplus the effluent will be discharged to surface waters in a wetland adjacent to the treatment plant.

The service area will be comprised of commercial establishments, primarily small shops and offices. The site is not yet developed and the types of commercial establishments that will comprise the service area are not known at this time. The service area size is 58 acres.

Dana Duthie raised concerns regarding the Black Squirrel Alluvial Aquifer and that any water going back into this aquifer needs to meet water quality standards. Rich Muzzy asked if this proposed WWTP has been coordinated with Cherokee Metropolitan District. Todd Cartwright responded that there are a few intermediary parties involved between Falcon Highlands and Cherokee. Falcon Highlands has an IGA with Woodmen Hills Metropolitan District regarding WWTP.

The Meridian Service Metropolitan District will operate that lift station. The Paint

Brush Hills WWTF is expected to go away in approximately 2-3 years when Cherokee develops there new plant which will be south of Schriever AFB.

Larry Bishop followed up that the Lower Fountain Water Quality Management Association just reviewed Cherokees site application for two lift stations, 24 inch interceptor and a wastewater treatment facility. It is understood that they have an intergovernmental agreement with Meridian. The design capacity of that plant is 4.8 million gallons per day (mgd), of which 2.2 gallons Meridian has contracted for and Cherokee will have 2.6 mgd. Cherokee will remain in control of the wastewater treatment facility.

Todd Dahlberg thanked Todd and Ted for bringing this to the committee ahead of time and to be able to provide feedback.

9. Date of Next Meeting

The next regular meeting is scheduled for May 24, 2005 at 1:30 p.m.

10. Other Topics and Announcements

None

11. Adjournment

Todd Dahlberg moved for adjournment, Jim Schultz seconded and the meeting adjourned at 3:27 PM.