

Water Quality Management Committee Regular Meeting Minutes August 22, 2006, 1:30 p.m. PPACG Conference Room

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

Chairperson Jerry Jacobson, 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

Bill Burks
Todd Dahlberg
Dana Duthie
Jerry Jacobson, Chairperson
Roy Heald
Dale Kleiner
Mike McCarthy
Jim Schultz
Ron Woolsey

Representing

Woodmoor Water & Sanitation District
Colorado Springs Utilities
Donala Water & Sanitation District
Academy Water & Sanitation District
Security Water & Sanitation District
Widefield Water & Sanitation
El Paso County Health Department
Woodland Park
City of Fountain

Staff

Rich Muzzy
Jayne Blewitt

PPACG Environmental Program Manager
PPACG Website & Publications Coordinator

Guests

Kent Kuster
Tim Marshall
Angela Howard
Steve Oliver
Dustie Hollow
Chuck Ritter

Colorado Department of Health and Environment
JR Engineering
JR Engineering
Powers Brown Architecture
Cowperwood Co.
Riverbend Crossing

2. Agenda Approval

Jim Schultz moved to approve the agenda. Mike McCarthy seconded the motion, which passed unanimously.

3. Public Comments – Items not on the agenda

There were no public comments.

4. Approval of the June 27, 2006 Meeting Minutes

Jim Schultz requested clarification that the motion to approve the Woodland Park Wal-Mart Lift Station also included the Expansion of the Lower Southside Lift Station. This was confirmed. Dana Duthie moved to approve the minutes as amended. Jim Schultz seconded the motion, which passed unanimously.

5. Site Application for Cowperwood SAIC Wastewater Pump Station

Angela Howard of JR Engineering provided an overview of the site application which is for a lift

station to service one single office building. The flows are projected to be on average 6200 gallons per day. The site is located off of Space Village and Peterson Road, adjacent to the Northgate of Peterson Air Force Base, on private property. SAIC will own the building and maintain the lift station. Wastewater will be pumped from the lift station to the Cherokee Metropolitan District WWTP who will treat the wastewater.

Angela Howard reviewed the changes that were made to the site application based on the SARC comments that were made on August 3, 2006:

- The PE was changed to reflect 100 gallons per person per day that Cherokee Metro District uses in their wastewater calculations. Also a description was added regarding emergency procedures in the event of an emergency and Cherokee's signature was added to the site application form for Cherokee Metropolitan District.
- A letter was sent to Peterson AFB informing them of this site application and a letter was received back from Daniel Yokum stating that they have no concerns
- A 2,250 gallon tank was added to the lift station which is located in the parking lot and if flows rise above the alarm level within the lift station basin they will go into this tank.
- Appendix #7 within the report was added and expanded to include site ownership according to the final platte and the title commitment. SAIC owns the property and the building through their subsidiary Campus Realty who are the applicant. SAIC will be budgeting for the operation of the lift station.
- The checklist was included with the application packet.
- The pumping and flow rates were corrected on page 7 so that they reflect the velocity of when the pumps are operating at 70 gallons per minute, the peak flow rate.
- The implementation plan and schedule was added in Appendix 9 of the report. Information was added regarding the operations of the lift station and that it will be adequately operated and maintained and information was added to explain the financial responsibilities for the lift station.

Dana Duthie asked if contact has been made with the septic system pumping service if this station cannot be fixed within the four hour time frame. The applicant stated that Arrowhead is lined up for this service.

Jim Schultz commented that on page 6 of the report that it states that there will be a 2,000 gallon storage tank and today it was mentioned that it will be 2,250 gallon storage tank. This was revised to 2,250 based on the availability of storage tanks and will be changed in the text. It was also noted that there was inconsistency between page 6 and page 9 regarding the additional emergency overflow storage. This will be corrected.

Mike McCarthy asked for clarification of the design PE of 62 which is 100 gallons per person per day. Jim Schultz stated that residential figures historically are for 100 gallons per person a day.

Dana Duthie moved to recommend approval of the site application for the Cowperwood SAIC Wastewater Pump Station to the PPACG Board of Directors with suggested changes, Jim Schultz seconded the motion, which passed unanimously.

5. Site Application for Riverbend Crossing Lift Station

Chuck Ritter of Nolte & Associates provided an overview of the site application which is to service a 205 residential subdivision. The site is located on the west side of Venetucci Farms. Chuck stated that there are three levels of emergency response capability and a standby generator will be

available. The lift station will be tied into the Security Sanitation District and there will be overflow storage equivalent to the eight hour of peak daily flow.

Chuck reviewed the changes that were made to the site application based on the SARC comments that were made on August 3, 2006:

- A letter from Security Sanitation District stating that they will treat the wastewater, have the capacity to treat the wastewater and are not in violation of their discharge permit.
- A memo was sent out with supporting documentation justifying the use of 198 gpd per each SFE.
- Corrections were made to the Executive Summary that Security Sanitation District will take over responsibility for the maintenance of the lift station for the first year of operation. It will remain under the ownership of the developer D. R. Horton. A summary was provided of the geotechnical report and correction in report that the number of lots served will be 205.

Dana Duthie asked Roy Heald how many lift stations they currently have at Security Sanitation District. Roy responded that this would be the first.

Dana Duthie made reference to the letter written by Roger Sams and directed his question to Roy Heald that the system is fairly new and there is not enough wet well storage space in the future when things get old. Roy responded that this location is pretty close to the treatment plant, within a ½ mile. Jim Schultz expressed some concerns regarding this as well because of the limited amount of data, but there are some advantages that the pumps are sized at a minimum velocity of three feet per second in the force main but the pump is oversized based on design flow. There is a safety factor in the pumping system. It would be very easy to have this pump station have 50% more capacity by taking a bigger household contribution and using the same pump and force main and make the wet well bigger.

Jim Schultz moved to recommend approval of the Riverbend Crossing Lift Station to the PPACG Board of Directors, Todd Dahlberg seconded the motion, Roy Heald abstained, the remaining members voted in favor.

7. PPACG Board of Directors Action Items Report for July

Rich Muzzy reported that the Site Application for the Wal-Mart Lift Station proposed in Woodland Park was on the consent calendar and was approved by the Board of Directors.

The Site Application for Northgate Smith Creek Wastewater Pump Station was not on the consent calendar and was put under action items due to the PPACG staff and WQMC non-approval recommendation. Rich Muzzy gave an overview presentation to the Board supporting the reason for the staff and WQMC recommendation. Jim Schultz was present and added comments regarding the water rights issues and that the 208 plan that does recommend the consolidation of facilities. The Board of Directors discussed it for a long time. In the end it appeared that negotiations were under way for Donala to work out an overflow agreement with the pump station. After the discussions the Board did recommend approval.

8. Date of Next Meeting

The next regular meeting is scheduled for September 26, 2006 at 1:30 p.m.

9. Other Topics and Announcements

After all items on the agenda were addressed the committee re-visited the Cowperwood Lift Station item #5. A question was directed to Kent Kuster of the Colorado Department of Health and

Environment regarding the fact that the Cowperwood lift station is already built and is now coming to the committee for approval. Kent responded that CDPHE will determine if a cease and desist order should be issued because they have violated the Water Quality Control Act not once but twice because the emergency storage tank was put in without approval as well as the lift station.

The committee discussed the issue and decided that a letter should be sent to the applicant stating that there is a process in place that needs to be followed in the future and that the lift station should not be used until it is approved and that a Certificate of Occupancy should not be issued. It was also agreed that the applicant and the Board should be made aware of this additional discussion.

Rich Muzzy asked Kent Kuster if there is anything that this committee could be doing better when these site applications are reviewed by the SARC. Kent replied that there are two items that need to be included within the site application is proof of ownership/legal control of the site and financial capacity of the facility operations. Kent Kuster volunteered to come and give a presentation to the principles from engineering firms to be present to help walk them through the process.

Dana Duthie thanked those that participated in the annual salary survey.

10. Adjournment – Mike Wicklund moved for adjournment at 2:45 PM.