

CAMDEN-WYOMING SEWER & WATER AUTHORITY
P.O. BOX 405, CAMDEN-WYOMING, DELAWARE 19934

*Minutes of the Camden-Wyoming
Sewer and Water Authority
Regular Session - Authority Meeting
Held on October 13, 2015*

Authority Members present: Mr. Jeffrey Connor
Mr. Peter Couming
Mr. Larry Dougherty, Sr.
Mr. Michael Quinn
Mr. James Winchell

**Also in attendance representing
the CWS&WA:** Mr. Harold Scott, Authority Superintendent
Mr. Soheil Gharebaghi, P.E., Authority Engineer

Public in Attendance: Meeting Attendance/Sign-in Sheet;
available at the CWS&WA Office

The Camden-Wyoming Sewer and Water Authority (CWS&WA) met at the CWS&WA Office on October 13, 2015. The meeting was called to order at 7:00 p.m. by the Chairperson, Mr. Couming.

There were no items removed from the Consent Agenda.

Approval of the Consent Agenda:

Motion: Mr. Winchell made a motion to approve the Consent Agenda, seconded by Mr. Quinn. Motion carried unanimously.

Maintenance & Operations Status (Superintendent Report):

Mr. Scott distributed the Operations and Maintenance Report for the period and discussed the same. Mr. Scott indicated that during the last period approximately 14 million gallons of water had been pumped out of the Authority's wells and approximately 12 million gallons of wastewater had been conveyed to the Kent County sewer system for treatment. Mr. Scott noted that utility mark outs had taken more time than usual because of the anticipated road work at Camden-Wyoming Avenue.

Mr. Scott reported that the Nellie Stokes pump station's pumps had been repaired by Deckman Electric and reinstalled by the Authority crews. Mr. Scott indicated that the pump station's fuses that had caused a power loss had also been replaced. The blown fuses had revealed pump seals that also had to be replaced, Mr. Scott added.

Mr. Scott indicated that the water leak at 31 S. Main Street had been on the customer side. Mr. Scott demonstrated a rusted galvanized fitting on the customer's service line. Mr. Scott noted that the customer had been invoiced for the repair by the Authority crews.

Mr. Scott indicated that, as a part of the fire hydrant maintenance program, the Authority crews had serviced several hydrants during the past period by checking and replacing "O" rings and applying chemical compounds to prevent seizing of hydrant parts.

Maintenance & Operations Status (Superintendent Report, cont.):

Mr. Scott noted that the inspection of water and sewer installations was continuing at Wynsome Knoll and Tidburry Crossing where seven units had just been completed.

Mr. Scott reported that the Authority's billing personnel were working on estimating the cost associated with monthly billing for residential customers. This item had been suggested by Mr. Couming during the last Regular Meeting.

In response to Mr. Conner's inquiry, Mr. Scott indicated that the sewer system was built in 1963 and the water distribution system was built approximately 100 years ago. Mr. Scott noted that the water pressure was initially about 20 psi. However, the improvements to the system had increased the water pressure to approximately 45 psi, Mr. Scott added. Mr. Scott noted that lower water velocities for many years had contributed to the rusting of galvanized pipes. Mr. Scott explained that water demand for fire suppression system testing at commercial developments, for instance, might have caused rusty brown water at Barclay Farms and Newell's Creek because the fire suppression testing demand pulled water from the old sections of the system. Mr. Scott noted that the new water well and 1 MG elevated water storage tank project would provide a source of water closer to Barclay Farms and Newell's Creek where water demand would not need to flow through the old sections of the system. This could allow the flushing of fire hydrants at Barclay Farms and Newell's Creek through the new source and not through the old sections of the water distribution system, Mr. Scott added.

Mr. Scott distributed copies of the Authority's finalized fiscal year 2015-2016 to the Board Members for their records.

Regarding operations, Mr. Scott reported that the third quarter billing had been completed on September 30, 2015. Billing of approximately \$348,000 for residential, and approximately \$42,000 for commercial was reported. Mr. Scott noted a system balance of approximately \$412,000. Mr. Scott indicated that accounts receivables (AR) aging more than 180 days had totaled approximately \$74,000. Three properties were undergoing sheriff sales and the Authority had placed liens on these properties for the past due sewer and water billings, Mr. Scott added.

Mr. Scott indicated that the Authority's field personnel would be attending a training session on safe operation of chain saws in November of 2015.

Mr. Scott reported that a meeting had been held on October 1, 2015, attended by Senator Bushweller, Mayor Rife, Ms. Tracy Torres, Mr. Couming, Mr. Dougherty, Mr. Scott and Gharebaghi regarding incidents of brown water. Mr. Scott briefly described the discussion during the meeting and asked for input from the Board. Mr. Scott indicated that, according to Mayor Rife, an update on the Authority's Capacity Development Project as it related to the potential reduction of brown water, could be placed in the Town of Wyoming's Newsletter. The update could also be placed on the Town of Camden's web site, Mr. Dougherty added. Mr. Dougherty suggested explaining the rusted galvanized brown water causing water services on the customers' water lines as well as the Authority's daily operations in alleviating these circumstances in the update.

Maintenance & Operations Status (Superintendent Report, cont.):

Mr. Couming indicated that he would draft an update on the brown water issue and requested the Board's input on the matter. Mr. Couming noted that the public could attend the Authority's regular monthly meetings to learn about the efforts that are made toward the improvement of the Authority's water distribution system and reduction in the occurrences of brown water.

Engineering Report:

On the Capacity Development Project, Gharebaghi reported that American Water Well Systems (AWWS - the well drilling company) had started the drilling of the production well on September 24, 2015 and completed the same on September 29, 2015. Gharebaghi explained that the drilling had commenced with a 9-inch diameter pilot well to a depth of 420 feet. The drilling had then continued with drilling a 16-inch diameter medium or second pass and finally a 17½ -inch diameter third or last pass at 420 feet in depth, using the mud rotary method of well installation. Gharebaghi indicated that 50 vertical feet of 12-inch diameter stainless steel screen and 360 vertical feet of 12-inch diameter PVC casing pipe had been installed in the well. Well development, using air pressure method, and a pump test had been completed on October 4, 2015, Gharebaghi added. Gharebaghi indicated that Mr. Scott and he would be meeting with AWWS in the near future regarding the pumps and vertical shaft motor for the new well. The actual installation of pumps and motor would not commence until the completion of the erection of the 1 MG elevated water storage tank, he added.

Regarding the 1 MG elevated water storage tank, Gharebaghi indicated that a preconstruction meeting had been held on September 10, 2015. Caldwell Tanks, Inc. (CTI) had identified Berkel as the specialty subcontractor to CTI who would perform the auger cast deep foundation pile system, Gharebaghi noted. Gharebaghi indicated that Berkel had installed 9 piles (of a total of 33 piles) on September 17, 2015, 11 piles on September 18, 2015, 11 piles on September 21, 2015, and 2 piles on September 22, 2015. Having completed the 33 deep piles, Berkel had moved out of the site on September 23, 2015. The inspection of the installation of piles and construction materials testing had been performed by Hillis-Carnes Engineering Associates, a local geotechnical company, Gharebaghi added. Gharebaghi reported that construction on the foundation footers and piers had commenced on October 6, 2015 on the center footer and pier and would continue on each of the eight legs of the tank. To date, the center footer and pier and approximately ½ of the footers and piers for the eight legs had been completed with the remaining foundation work anticipated to be completed within the next few weeks, Gharebaghi added.

Gharebaghi reported that, on September 24, 2015, the Laboratory for Learning program had restarted after the schools' summer break. An update on the Capacity Development Project had been presented by Gharebaghi for the six students who had attended the session. The next session of the program, scheduled for October 22, 2015, would be a presentation on wastewater treatment, Gharebaghi added.

Mr. Couming indicated that he had spoken to Mr. McFarland of AWWS and was presented with a sample of the water from the newly completed production well. Mr. Couming had also spoken to the CTI foundation construction crew about the foundation work. Responding to Mr. Couming's inquiry, Mr. Scott noted that the Capacity Development project was in line with the project budget.

Legal Report:

There was no legal Report.

Correspondence:

With the exception of those referenced above, there was no other correspondence.

Visitors' Comments:

There were no visitors' comments.

Adjournment:

Motion: Mr. Winchell made a motion to adjourn the Regular Meeting, seconded by Mr. Dougherty. Motion carried unanimously.

The Regular Meeting adjourned at 7:41 p.m. The next Regular Meeting will be held on November 10, 2015, at 7:00 p.m.

Respectfully Submitted,
CAMDEN-WYOMING SEWER & WATER AUTHORITY

Harold L. Scott, Sr.
CWS&WA Superintendent