



MINUTES

June 17, 2009

Approved (with a revision in italics)

In Attendance: Don Carlson, Chairman; Hal Harper, Vice-Chairman; Bob Watts, Member; Anthony Tabasso, Member; Cheryl Neri, Assistant Township Treasurer; and Eugene Briggs, ARRO.

Call to Order

D. Carlson, Chairman, called the meeting to order at 7:35 p.m.

Approval of Minutes

D. Carlson noted one correction, being replacing "Greenville" with "Greenridge," to the May 20, 2009 Minutes. A. Tabasso moved, seconded by B. Watts, to approve the minutes of the May 20, 2009 Authority meeting with the noted correction. It was so moved.

Approval of Payments

D. Carlson suggested that the Authority look into putting its chemical needs out to bid next year. A. Tabasso requested clarification on the USA Blue Book "chemical" notation. C. Neri explained it is a wastewater chemical supplier and shipment was made to Clean Water, Inc. H. Harper requested location clarification on Aqua bills. C. Neri explained that she continues to work with the utilities to correctly note locations of service on its bills. A. Tabasso inquired what procedure was established for the timely payment of bills when the Authority does not have a quorum. D. Carlson explained the administrative procedures were acted upon and are located in a binder in the Authority Administrator's office. D. Carlson noted the year-to-date balance for engineering fees. The public raised several questions and clarifications were provided. B. Watts moved, seconded by A. Tabasso, to approve the payments for June as presented. It was so moved. Additionally, B. Watts moved to accept the balance sheet as presented, H. Harper seconded. It was so moved.

Authority Administrator's Reports

E. Briggs reviewed Clean Water, Inc.'s monthly report regarding the operation of the wastewater treatment systems. It was noted that that average flow for the Route 100 WWTF was 198,000 gpd for April, Ewing Tract Spray Field A received PADEP approval to receive effluent, and Toll is working to repair the effluent force main to the field. D. Carlson indicated that he hopes the force main repair is not of similar design to the force main at the Moore Road Pump Station and that ARRO keep a close watch on this when completing punch list items for dedication. E. Briggs advised that this would not be overlooked.

E. Briggs reviewed the status of the Eaglepointe WWTF. It was noted that the average flow was 7,000 gpd for April and that phosphorous levels have improved.

E. Briggs reviewed the status of the St. Andrews Brae WWTF. It was noted that the average flow was 1,500 gpd for April and that Clean Water, Inc. recommends that the Authority consider rebuilding the St. Andrews Brae Pump Station next year. D. Carlson advised that this should be included in the Capital Improvement Program for 2010.

E. Briggs reviewed the status of the Marsh Harbour WWTF. It was noted that the average flow was 41,000 gpd for April and that one of the pumps at the Walden Pump Station failed. Clean Water, Inc. advised that the cost to rebuild the pump is more than 50% of the cost to purchase a new pump. Consequently, Clean Water, Inc. requests that the Authority authorize the purchase of a new pump. B. Watts moved, seconded by H. Harper, to authorize Clean Water, Inc. to purchase a new pump with cost to be provided to C. Neri for communication to the Authority at its next meeting. It was so moved.

E. Briggs reviewed the status of the Saybrooke WWTF. It was noted that the average flow was 4,500 gpd for April and that the plant is operating within parameters.

E. Briggs reviewed the status of the Lakeridge WWTF. It was noted that the average flow at the plant was 48,000 gpd and the average flow at the Moore Road Pump Station was 38,000 gpd for April. He explained that Clean Water, Inc. has scheduled a meeting with DEP to discuss the flow inconsistency, which it is believed that the plant's flow meter is giving inconsistent readings due to occasional debris getting hung up on the plant's flow meter weir. H. Harper asked if this has a negative impact on the readings of phosphorous and other elements. E. Briggs clarified that this is more a matter of causing the flow across the weir to increase in height and not one of changing the composition of the influent. E. Briggs further explained that a Corrective Action Plan has been submitted to DEP to help remedy the flow and debris issues. The Plan includes notification and a meeting with residents about what not to put down the drain, televising of house service laterals for I/I, and maintenance of the Moore Road Pump Station's grinder pumps for proper processing of wastewater prior to being conveyed to the plant.

E. Briggs reviewed the status of the Greenridge WWTF. It was noted that the average flow at the plant was 7,400 gpd and that the plant is operating within parameters. D. Carlson mentioned that Public Works should repair a pothole in the access road leading to the plant.

E. Briggs then referred to the ARRO monthly report and called the Authority's attention to several highlights. Regarding Eaglepointe, he expanded upon the report by advising the Authority that Matt Brown has discussed the Authority's intention to upgrade the plant in phases with Jesse Goldberg from PADEP. He further explained that Mr. Goldberg supports the phased upgrade, but expressed concern over the discharge monitoring reports. As a result, Matt Brown will be scheduling a meeting with Mr. Goldberg, D. Carlson, and H. Harper to discuss ideas to address Mr. Goldberg's concerns.

E. Briggs noted that we continue to have problems with West Vincent Township allowing homes to connect sewer service laterals without ARRO construction observation. He explained that the developer and West Vincent Township have been reminded that ARRO is to be called for all observations when the service laterals are to be constructed and tested. H. Harper questioned what could be done to enforce our rights in West Vincent Township. E. Briggs explained that John Good, Township Solicitor, is working with West Vincent Township about its adherence to the Intermunicipal Agreement. D. Carlson questioned why Mr. Good was handling this and not the Authority Solicitor. E. Briggs explained that Mr. Good represented the Township when the Intermunicipal Agreement was originally drafted; therefore, his involvement was needed. D. Carlson will follow up with Mr. Good about what enforcement powers the Township has at its disposal.

E. Briggs advised that the Reserve at Eagle's 18-month maintenance bond expires in July and that ARRO is working with Clean Water, Inc. to develop a punch list of items for repair or replacement, as well as scheduling a meeting with Toll and the lagoon liner's vendor to discuss the best method to inspect the liner. H. Harper asked if the lagoon would need to be drained to allow the inspection. E. Briggs stated that it is a possibility, but the details of the lagoon liner inspection will be discussed at the meeting with Toll and the liner vendor.

H. Harper questioned The Cutler Group's schedule for installation of the drip tubing at Waynebrook. E. Briggs explained that he was advised that The Cutler Group has an executed agreement with a contractor to install the drip tubing at Waynebrook, but was not informed of the installation schedule. E. Briggs will follow up with The Cutler Group and provide an update on the drip tubing installation schedule in next month's report.

D. Carlson questioned the status of Ebert Engineering's alternatives to resolve the Upland Farm's effluent storage tank overflow pipe outfall. E. Briggs explained that Fred Ebert is working on options and will present them when complete. He further explained that ARRO field personnel are aware that the overflow pipe issue has not been resolved and that no construction activities for the overflow pipe are to be made without an approved alternative. E. Briggs will follow up with Fred Ebert on the alternatives and provide an update in next month's report.

E. Briggs noted that subsequent to this report being submitted, Michael Robinson contacted Matt Brown with new information regarding additional plumbing fixtures that were removed from the second floor of the building to house the proposed ice cream shop. He explained that Mr. Robinson was advised that since he provided this new information, ARRO needed to conduct a new site visit and recalculate the required EDUs at his expense. Based on the new information and site visit, it was determined that Mr. Robinson's current EDU allocation will accommodate the ice cream shop's anticipated wastewater flow. In light of this, E. Briggs asked if the Authority would consider reversing its approval for Mr. Robinson to purchase one additional EDU and allow the ice cream shop to be served under Mr. Robinson's existing EDU allocation. A. Tabasso asked if the Authority had any established procedure that places an expiration date on approved EDUs without timely payment. E. Briggs advised that he was not aware of such a procedure, but would consult with Matt Brown about it. A. Tabasso moved, seconded by B. Watts to reverse its approval for Mr. Robinson to purchase one additional EDU and allow the ice cream shop to be served under Mr. Robinson's existing EDU allocation. It was so moved.

H. Harper moved and A. Tabasso seconded to accept the reports submitted by Clean Water, Inc and ARRO Consulting, Inc. for the month as submitted. It was so moved.

D. Carlson asked if there were any questions regarding the Authority Administrator's Report. B. Watts commented on Item G of the Authority Administrator's Report, expressing concern over the viability of using wind power at the Route 100 WWTF. D. Carlson commented that wind turbines might not be an option, as they typically require an average annual wind speed of 13 miles per hour. It was discussed that solar panels may be a better option to consider. D. Carlson said that the Authority would most likely take advantage of the PECO Peak Shave Program as part of the weekly cycling of the WWTF's generator.

H. Harper commented on Item F of the Authority Administrator's Report, inquiring if the failing septic system complaints were new ones. D. Carlson explained that these are new calls.

E. Briggs then distributed a copy of the draft Three-year Equipment Replacement Recommendations Packet for the Authority's review, prior to the Capital Improvements Program Workshop to be scheduled. D. Carlson explained that due to conflicting schedules the

Workshop was not scheduled in early June; however, Matt Brown would be contacting Authority Members to schedule the Workshop for July or August.

D. Carlson briefly reviewed the correspondence for the month. An opinion of probable construction cost for the EQ basin replacement at Eaglepointe WWTF had been prepared by ARRO. A letter to DEP outlining the Authority's intent to upgrade Eaglepointe WWTF in phases was prepared by ARRO. H. Harper asked why Eaglepointe's influent BOD samplings were exceptionally high at 9:30 p.m. and 11:30 p.m. D. Carlson stated these are most likely times at the end of the day when ACME and WAWA are doing their regular night maintenance. PADEP's letter approving the activation of Ewing Tract Spray Field A.

D. Carlson noted his email to the Authority outlining his quarterly meeting with Matt Brown. H. Harper expressed concern over lunch meetings. D. Carlson confirmed that he and Mr. Brown alternate on paying the bill. He also summarized the Crop Management Reports and noted that all the fields are in good standing except for the Reserve at Eagle fields. These fields need broadleaf weed treatment, which will be completed by the farmer using the same kind of chemicals commonly used on residential lots.

Open Session

Bob Fetters asked if there are generators at the Byers Station wastewater facilities. E. Briggs responded that generators at the control building and 2 pump stations are standard pieces of equipment and believes that all have been installed. Bob Fetters then questioned why the Authority, at its February 18th meeting, did not pay the \$35 fuel delivery service charge for each fuel tank filled at Byers, Lakeridge, and Reserve at Eagle. He explained that this cost includes a \$10 bottle of anti-gel additive for each fuel tank. D. Carlson explained that the Authority paid the fuel costs and 50% of the delivery charge because it thought \$35 was excessive for the short distances between tanks. B. Watts suggested that based on the new information about the anti-gel additive service the full payment should be made. Bob Fetters agreed to list the anti-gel service as a separate item on future bills. B. Watts moved and H. Harper seconded to pay the fuel delivery costs in full. It was so moved.

Steve *McNaughton* questioned the similar electric bill amounts for Greenridge and Marsh Harbour versus the gallons that they each treat. He explained that Greenridge's bill should not be as high as Marsh Harbour since Greenridge treated only 7,400 gpd. E. Briggs explained that he was not informed by Clean Water of any issue that would cause these similar costs, but would look into it. C. Neri explained that this is most likely the result of the timing of PECO bills being received by the Township. She would look into this.

Adjournment

There being no further business brought before the Authority, D. Carlson adjourned the meeting at 8:30 p.m.

Respectfully submitted,

Eugene C. Briggs, AICP
ARRO