

EAST BRANDYWINE TOWNSHIP MUNICIPAL AUTHORITY

Tuesday, March 10, 2009

7:30 A.M.

Those in Attendance:

Michael Corbin, Chairman
Gerald Kirkpatrick, Vice-Chairman
David Summers, Treasurer
Joseph Anthony, Secretary
Sandra Moser, Member

Also in Attendance:

Scott T. Piersol, Township, Manager
Thomas Oeste, Esq., Municipal Authority Solicitor
Joseph Boldaz, Municipal Authority Engineer
John Hammel, CMX Engineering
Justin Scarth, CMX Engineering
Matthew VanLew, Township Road Master

The Municipal Authority met on Tuesday, March 10, 2009, at the East Brandywine Township Municipal Building. Mr. Corbin called the meeting to order at 7:30 A.M. There were no visitors from the public present.

Minutes: February 10, 2009

Mr. Corbin recommended the approval of the February 10, 2009 minutes be postponed as they have not been reviewed.

Treasurer's Report

The Treasurer's Report was not complete due to Mrs. Smedley's absence. Approval would be deferred to the April 14, 2009 meeting. A motion by Mr. Summers to approve the invoices presented for payment was approved.

DASD Middle School

Guy Donatelli, DASD Solicitor, Lee Snodgrass, DASD Director of Facilities, Greg Newell & Keith Marshall from Nave Newell, the DASD engineering firm, appeared before the Authority to discuss the proposed third middle school the District wants to construct on the Weaver tract. This site was chosen after several months of discussion with Township representatives. The District desires to open this building for the 2012 / 2013 school year. Initial student population is projected to be 950 students. The core capacity of the building design would be for 1,350 students, with approximately 120 staff members occupying the building.

This school is needed to assist with overcrowding at the other two schools. Mr. Donatelli acknowledged Supervisor Jay Fischer's concern that the property could accommodate other buildings. Mr. Donatelli assured the Authority the District's only use of the tract was the proposed middle school and associated athletic fields.

Mr. Corbin asked about the term "core capacity." Mr. Donatelli explained this term refers to the maximum number of students the building is designed to accommodate. He used the two existing middle schools as examples. The Downingtown Middle School has a current student population of approximately 1,300 students. The Lionville Middle School is over its design capacity, and currently houses over 1,500 students.

Mr. Newell presented a color version of the current site plan, which was revised from the previous version based on comments provided by the Township Boards. The school building has been rotated slightly to take advantage of the site topography, and in conjunction with the District's desire to pursue LEEDS silver certification for the building. The building being proposed would be two and three stories in height.

The issue of sewage disposal was discussed. Mr. Newell indicated the proposed site design avoids the disposal areas shown on the K Hovnanian land development plans. There would be no construction in these areas including buildings, athletics fields or parking areas and no changes in the bed capacity. Mr. Newell and Mr. Marshall met with Mr. Piersol and Mr. Boldaz to discuss the Applecross collection system and possible connection locations. They are presently investigating the feasibility of a connection at a manhole on Harcourt Lane. Their sewer line would cross East Reeceville Road east of Bollinger Road, and may require a minor easement across one existing property in the Applecross development. Their preference is a gravity connection, which would avoid pumping from the middle school site which is likely with other locations being considered.

They will also need to analyze the flows from the Applecross Pump Station A to determine that the middle school flows can be accommodated by this portion of the collection system. Mr. Newell suggested the school flows would be "off-peak" flows. The school flows would also be less than the flows proposed by the K Hovnanian plan so there could be capacity in the collection system and pump station. It was acknowledged the District needs to address the issue of collection system tie-ins and capacity.

Mr. Boldaz asked if consideration has been given to other locations on the Weaver site for disposal areas other than those previously proposed in the K. Hovnanian plans. Mr. Newell indicated much of the planning has been completed

for the previously proposed locations, so to expedite the planning process, the focus remains on these locations.

Mr. Kirkpatrick asked about flow estimates for the school. Mr. Snodgrass provided an answer based on flows from the Lionville Middle School, which are approximately 6,200 GPD. The K. Hovnanian plans were to construct beds with a capacity of 63,177 gallons of treated effluent per day. Mr. Donatelli stated the School District is prepared to step into K Hovnanian's position in the sewer agreement with the Township and Authority and there will be no change in the bed capacity agreed upon by K. Hovnanian.

Mr. Boldaz asked how the School District planned to address the issue of providing sewer service to the adjacent properties, which were identified in the sewer agreement along East Reeceville Road, Bollinger Road, and Horseshoe Pike with K. Hovnanian. Mr. Donatelli replied that the School District has not directed the construction manager hired for this project to include any significant off-site improvements in the plans. Mr. Donatelli asked if there were any additional promises made by K Hovnanian. Mr. Corbin suggested these issues should be discussed early in the process. Mr. Boldaz stated that Pulte and K Hovnanian had agreed to share the construction costs associated with Pump Station "B." The Downingtown Area School District will have to work this out with Pulte.

Discussion occurred on the projected construction schedule for the Applecross WWTP. Mr. Boldaz reported the construction is proposed to begin in the spring of 2010, and be completed in 2011. Mr. Boldaz also commented that the District's engineer will need to review the design of Pump Station "A" to assure there is adequate capacity in the facility to handle the flows from the proposed middle school.

Mr. Corbin requested the District keep the Authority and Township informed of their progress in the site design work. Mr. Newell assured the Authority they planned to keep an open dialogue with the Authority and Township, to keep the project moving forward.

Mrs. Moser asked if the proposed building location could change. Mr. Newell stated the proposed location has been determined to be the most logical location based on current building design. The projected amount of earthwork is relatively small. 8-foot to 10-foot cuts are anticipated in a few areas. Mr. Snodgrass also briefly discussed the LEEDS Silver certification the District hopes to achieve with the building and site design. The use of recharge beds will help with the LEEDS certification. Mrs. Moser was concerned about the potential for rock on this site. Mr. Newell stated the geotechnical investigations on this site have not yet been completed.

Mrs. Moser mentioned the traffic concerns discussed at the Planning Commission meeting. Mr. Newell indicated these concerns were transmitted to the traffic engineer who will address the concerns of the Township.

There being no further questions or discussion, Mr. Newell, Mr. Donatelli and Mr. Snodgrass thanked the Authority for their time.

Applecross Development (AKA Overlook Road Farm)

Pump Station "A" – Mr. Boldaz stated this item was for information purposes only, that the shop drawings had been approved as submitted.

Pump Station "G" start-up – Mr. Scarth from CMX briefly discussed his February 24th memo on the start-up of this pump station, which occurred on February 20th. Pump Station "G" is configured to accept treated effluent from Pond "1," water from the Aesthetic Pond (purchased from Aqua PA) or from Pond "G," and pump this water to Lagoons "3" and "4" for storage. This water is to be used for golf course irrigation.

Mr. Scarth commented, and Mr. Piersol agreed, the startup occurred on a very cold and windy day. There were a few minor tweaks needed to the computer program which controls the operation of control valve system and how they open and close for Pond "G." It was originally noted that when the source of the water was changed, the source valves were operating at the same time. This was to prevent any potential backflow of treated effluent into the Aesthetic Pond or storm water system. Mr. Scarth requested the programming be revised so only one valve was open at any given time. Mr. Scarth reported the programming error was corrected, and the valves operated as designed.

Pump Station "B" – Mr. Boldaz stated Phase III of the Applecross development contemplated construction of this facility. With the appearance that the K Hovnanian project will not be constructed, and the School District will not be discharging their flows to this pump station, the plans are currently being revised accordingly.

Pump Station "A" - it was discussed that the capacity at Pump Station "A" was reduced when the potential flows originally proposed from West Brandywine were no longer to be considered. It was agreed this is clearly an issue for Nave Newell and the School District to consider.

East Brandywine Baptist Church

Mr. Piersol reported on the events from the site meeting at the Delaware County Community College site on Thursday, March 3rd. Mr. Piersol attended with Tony DeLuca, DCCC Facilities Manager, and Timothy Hayes from the Baptist Church.

The College has plans for significant renovations to the sidewalks and steps currently out for bid. The Church remains interested in access to the public sewer collection system. It had been previously suggested that two options for connection are available to the Church. It appears the less costly alternative is a gravity connection to manhole #17 in front of the College.

The College has agreed in principal to allowing the Church some of the excess capacity in the treatment plant, which the College has reserved for future growth at their facility. Attorneys for the parties will discuss an agreement between the parties; Mr. Piersol asked to be included in these communications.

It was suggested that the Church would need to determine how to plan for their future connection. Due to the pending construction at the Church site, Mr. Piersol suggested the Church contact Authority Engineer Boldaz to discuss elevations, and make informed decisions on how best to proceed. One suggestion is to "sleeve" the area or areas where the gravity sewer line would run underneath sidewalk or other paved areas now, rather than disrupt the College facilities at a later date. This issue is the Church's responsibility to follow through on. Plans for construction at the College are to begin in late June.

Act 537 Plan update

Mr. Boldaz provided a brief overview of the special survey to update the Act 537 Plan. He asked Mr. Piersol to review the draft in the next two weeks and provide any concerns. The Special Study does mention the Planning Module for the K Hovnanian project on the Weaver tract, and not the proposed DASD Middle School.

Chapter 94 Reports for Keats Glen and Guthriesville

Mr. Boldaz reported he had these reports, which are currently being reviewed by Mr. Corbin. These reports are due by the end of March, 2009. The 2008 Report will include the upgrades to the Keats Glen WWTP completed in the summer of 2008. The report will also include a report on the Bondsville Road pumping station for the Guthriesville collection system.

Mr. Corbin asked if there were any further issues pertaining to significant spikes in flows from the previously-identified problems with infiltration of stormwater. Mr. Boldaz indicated there were no such events. A graphic is included in the report which shows the flows versus rainfall events.

Mr. Oeste recommended the Authority approve by motion the submission of the Chapter 94 Reports, pending any additional comments after Mr. Corbin's review. Mr. Kirkpatrick made a motion to approve these reports, subject to any final revisions. Mr. Summers provided a second, with all voting Aye.

Keats Glen WWTP

The upgrades to the anoxic tank are nearly complete. The pump has been installed, but Lenni Electric needs to fabricate a bracket to complete the installation.

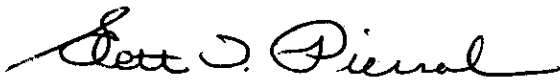
Public Comment on Non-Agenda Items

Mr. Corbin asked if there were comments on non-agenda items. There were none.

Adjournment

There being no further business, Mr. Kirkpatrick moved to adjourn the meeting at 8:25 A.M. Mr. Anthony seconded the motion, with all voting Aye.

Respectfully submitted,



Scott T. Piersol, Township Manager
East Brandywine Township