

Athens Township Authority
January 16, 2012

Meeting was called to order by Chairman, Patrick Musto at 5:30 p.m. Members also present was Jack Walter and Bob Blauvelt

Motion by Blauvelt, seconded by Walter to approve the minutes of the December 17, 2011 meeting as written. Motion was unanimous.

Two citizens were present with no comments.

Motion by Walter, seconded by Blauvelt to keep the current officers the same as 2011.

ENGINEER'S REPORT

T & M Associates wasn't present, but a report of the status of their projects was reviewed.

Muffin Monster #1 is completed. #6 waiting for equipment.

DEVELOPMENTS

Microtel Hotel – review finished and waiting for the corrections and tap in fee has been paid.

Comfort Suites – waiting for plans, developing agreement and fees.

Dandy Mini Mart – Wilawana - waiting for developer's agreement to have plans review.

Candlestick Suites – no plans received. (Rosh property) R.V. on property is legal to be there.

Chesapeake Training Facility – sewer line construction is being constructed and being inspected. Huckabee sent a video to ATA regarding the current flow at the manhole where they connect and there was a consist flow. Blauvelt stated if Nomac is doing laundry it would be clear. Blauvelt will ask Huckabee about the video

FINANCIAL

Motion by Blauvelt, seconded by Walter to approve the payment of the following bills that total \$84,610.41. Motion was unanimous. Chairman Musto spoke about the fees associated with the refinancing of the bond, and ATA has to pay the fees. ATA will save about

\$98,000 over the life of the loan in savings. The fees that total \$7,000 for these banks fees were also approved for payment.

Aqua Pa.	\$43.50
Athens Borough	\$2,820.56
Athens Township Authority	\$145.00
Gannon Associates	\$823.00
Horn's True Value	\$26.97
Kinsley Power System	\$362.00
Niemiec, Smith & Pellinger	\$320.00
Pa. 1 Call	\$20.25
Penelec	\$1,489.95
Purchase Power	\$300.00
South Waverly Borough	\$4,576.23
Stevens & Lee	\$3,000.00
Sweetland Engineering & Associates	\$919.43
T & M Associates	\$18,157.38
Valley Energy	\$54.70
Valley Joint Sewer Authority	\$51,551.44
1 st Citizens	\$2,500.00
Susquehanna Group	\$4,000.00
Landy & Landy	<u>\$500.00</u>
TOTAL	\$91,610.41

LEGAL

Attorney Smith wasn't present. As far as the Bunt house, we cannot do anything till we get the mold reports back. The guy that tested told Blauvelt that he didn't think the mold is bad. Blauvelt stated that he and Cockcroft spoke about the condition of the house and Blauvelt stated that he thinks we should be still good to remodel and sell. Blauvelt thinks we should get dumpster and clean out the old stuff, about \$2,000. Musto believes we should just sale, price as is. Musto stated ATA will wait till report is back.

Resolution for bond refinance was signed; Mark Lundquist didn't have a copy.

MAINTENANCE

Blauvelt reported that the valve at station #3 has been replaced. We had the parts and Vacri was here for station #1 and they replaced it. Vacri dropped a pump at #1 and broke the caster, and while the pump was down, the cords were dropped into the well and got sucked up into the working pump. Joe Rosati was down and got the pumps running and costs are Vacri responsibility. High level at #6 was received.

Walter questioned if our sewer fees are being raised. Chairman Musto stated no. Walter also questioned the capacity ATA will need and he feels ATA will need some especially with the Chesapeake facility going in. He stated these people are going to need homes to live and those could be on our sewer. Chairman Musto stated at the moment no other municipalities will give us capacity. They could be holding on to it to sale when we have to have it. Musto said we could pick up 5% without us having to raise rates.

No further business, meeting adjourned at 6:15 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
February 20, 2012

Meeting was called to order by Chairman, Dr. Patrick Musto at 5:30 p.m. Members also present were Jack Walter, Terry Depew, and Bob Blauvelt. Authority solicitor, Mark Smith also attended the meeting.

There were no citizens to be heard

Motion by Depew, seconded by Walter to approve the minutes of the January 16, 2012 meeting as written. Motion was unanimous.

ENGINEER'S REPORT

Mark Ambrose, P.E., from T & M Associates presented the following engineer's report was submitted and reviewed.

Chesapeake Phase 5 Construction Observations:

The construction of the sewer system for Chesapeake Phase 5 has been completed including grouting of the manholes and adjusting the frames and covers to grade. Austin's Excavation will air test the sewer pipes and vacuum test the manholes towards the end of February. They realize that the tests will not be acceptable unless witnessed by ATA representative.

Microtel Inn & Suites:

As requested, T&M attended the pre-construction meeting for the Microtel Inn & Suites facility located at the former Hoover Nursery site along Elmira Street. The developer and consulting engineer is aware that all sanitary sewer construction has to be witnessed by ATA representative. V They have agreed to provide me a minimum of one day notice before any work on sewer system takes place.

Dandy Mini-Mart #19

As requested by ATA, we reviewed the proposed revisions to the Dandy Mini-Mart #19 (White Wagon Road). Williams is proposing a 4,132 square foot addition to the existing building with several revisions to the existing building with some modifications to the canopies over the fueling islands. The modifications to the building affecting the sanitary sewer system included additional restrooms, additional food prep area, and additional dining area. The initial review showed several floor drains connected to the sanitary sewer system and a grease interceptor that was not sized in accordance with Article 13 of ATA's Rules and Regulations. Since the initial plan review the developer has removed the floor drains and has requested a variance on the sizing of the grease interceptor.

Mr. Cockcroft requested that T&M review the documentation presented by the developer's engineer and make a recommendation to ATA whether or not to issue a variance on the grease interceptor sizing. We have reviewed the variance request and find the documentation sufficient to authorize a variance on the sizing of the grease interceptor. Since the Dandy Mini-Mart serves their food on paper products their use of dishwashers is limited to food preparation items, drastically reducing the flows through the grease interceptor. T&M suggests that Article 13 of the ATA Policy be revised to reflect similar situations for take-out only, and food served on paper products. Attorney Smith will review Article #13 and see what ATA can do regarding the Article as we didn't make Callear Bar-B-Q as it was a catering business with a lot of throw away items. Dr. Musto stated that the 1,000 gallons is okay, with the stipulation that if anything changes they may have to have it modify the tank. Ambrose stated that the grease tanks in the Township should be inspected on a regular type basis – every 3 months. Blauvelt stated he pops the lid at the chinease restaurants and inspects them on a yearly basis. Ambrose asked if we have a check list and Bob stated no. Ambrose will send up a check list that is being used. Bob stated he has not heard anything about any problems from Athens Borough about any grease problems from Elmira Street.

Capacity Study and Spreadsheet Review/Updates

T&M have completed our update of the ATA capacity spreadsheet using two scenarios; one using a flow rate of 200 gallons per day (GPD) per EDU and a peaking factor of 3.5 and the other using 150 GPD per EDU and a peaking factor of 4. T&M is working with the ATA to review the revised spreadsheets to verify that all existing and proposed connections are accounted for in the data and will be preparing a final report documenting our findings.

Based on the results from each spreadsheet pumping stations 1 and 2 are projected to exceed their used capacity of the station and pumping station 6 exceeds its used capacity based on a 200 GPD per EDU flow rate and a peaking factor of 3.5. T&M will provide a summary documenting the findings of the capacity study to the ATA for the next meeting. Question of certain areas of Elmira Street was questioned due to capacity and Ambrose stated there is an area of concern that when ATA decides the gallon figure, he can input that and we will know where on the all the lines we need to look at. Ambrose described what can be done in stations to increase capacity, like changes pumps or impellers, changing pipe size on lines in areas that need more capacity.

Pump Station #6 Upgrades Design & Construction

T&M has completed the design for the Emergency Modifications to ATA Pump Station #6 and have provided them to the Contractor. The plans were reviewed and discussed. Vacri Construction has provided ATA a quote to complete the work on this project in the amount of \$48,609.94. Vacri has also indicated that the materials they are providing have a 2 – 4 week lead time. Vacri has been notified that their quote has been accepted by ATA. We anticipate construction will begin around March 1, 2012. We anticipate the construction to last approximately 2 to 3 weeks. The auto dialer at station #1 will also be done to at this time for

station #1 also. Motion was made by Walter, seconded by Depew to award and approve the price of \$48,609.94 to Vacri for the emergency repair of Pump Station #6. Motion was unanimous.

FINANCIAL

The following bills were presented for approval. Motion by Walter, seconded by Depew to approve the following bills for approval.

1st Citizens Bank	\$41,558.00
Applied Analytics, Inc.	\$9,470.66
Aqua Pa. Water	\$131.27
Gannon Associates	\$1,063.00
Horn's True Value	\$33.67
Housemaster	\$500.00
Landy & Landy	\$500.00
Line Systems, Inc.	\$316.59
Novak & Associates	\$275.00
Penelec	\$1,120.39
Pitney Bowes	\$367.74
Rolling tire Shop	\$238.50
Superior Signal Co.	\$57.56
Susquehanna Group Advisors, Inc.	\$4,000.00
T & M Associates	\$9,752.22
The Morning Times	\$20.56
Time Warner Cable	\$38.37
Tom's Truck Repair	\$410.63
Vacri Construction	\$39,431.50
Valley Energy	\$130.45
Valley Joint Sewer Authority	<u>\$3,314.38</u>
TOTAL	\$112,730.49

MAINTENANCE

Blauvelt reported Hickory Heights was smoked tested and there were no leaks found. He stated he found nothing in all 38 homes. (There are 35 homes in development). Blauvelt reported that the only smoke was seen coming out of the manhole lids and he took the lids off and cleaned up the seal and lid place back, it took care of it. Valve was replaced in pump station #3 and he was told to obtain price for other valve to be installed on discharge side. Price of new valve is \$1,100. Motion by Walter, seconded by Depew to approve the purchase of the valve for \$1,100.00. Motion was unanimous. Blauvelt reported he brought the router truck up and had a blockage between manhole and Desisti's court. It took care of their situation, but while discussion was being held, it was determined it wasn't the main line in, it was their court and Musto stated the router truck isn't suppose to private laterals. Blauvelt doesn't know, but

the plug was in their main line, not ours. Blauvelt was told to get an estimate from treatment plant, so we can bill Desisti for this work, as it is not ATA responsible. Would like to smoke test Queen Esther Estates and ATA approved.

LEGAL

Attorney Smith went over the documents of the Wilawana property appraisal. Prices are being obtained to repair to sale. Discussion followed. Attorney Smith stated sewer and water must be connected before we can sale. ATA decided to clean up the debris and clean out basement to walls and sale as is. A price will be obtained to clean out and connect to water and sewer.

No further business, meeting adjourned at 6:58 p.m. (Minutes were recorded and transcribed)

Respectfully submitted,

Valorie L. Huckabee

Athens Township Authority
April 16, 2012

Meeting was called to order by Chairman, Pat Musto. Members also present were Bob Blauvelt, Jack Walter and Terry Depew. No citizens were present to be heard.

Motion by Depew, seconded by Walter to approve the minutes of the February 20, 2012 meeting as written. Motion was unanimous.

Motion by Depew, seconded by Walter to re-adopt resolution for Road C to have \$14,050.00 included for inspection costs. Motion was unanimous. Motion by Depew, seconded by Walter to approve letter to Supervisor requested for the reimbursement of the fee's including the \$14,050 for the inspection for Road C sewer relocation. Motion was unanimous.

ENGINEER'S REPORT

Following discussions with Terry Cockcroft and Chairman Musto, T&M contracted with Flow Assessment, to install six (6) temporary flow meters at specific manholes along Elmira Street so the Authority can better understand the flows in the sewer system. This data, which will be downloaded weekly for a minimum of four (4) weeks, will provide ATA with realistic flows per EDU (currently using 200 gpd/edu). This data will also provide a better understanding of the ATA peak flows experienced in the system.

All of this information is being gathered since the capacity study is currently showing that the ATA system has areas where the calculated flows are exceeding 100% capacity under the 3.5 peak flow conditions. T&M is very hesitant to recommend that ATA issue a "Will Serve" letter to hotels or other potential users of the system under these calculations. This study will inform both ATA and T&M Associates of the more realistic numbers to be used in the capacity calculations.

Should the data support the "over capacity condition", we will utilize the data in our evaluations of alternate methods or remediation. We have already contacted PennDOT (at Dr. Musto's suggestion) to determine the viability of re-routing PS#6 forcemain along the SR220 right of way, to avoid Elmira Street. PennDOT had to have further discussions on the matter and they will get back to us. Brian Huckabee and Bob Blauvelt did draw down test on station 2 and 3. Rain gage was installed at #6. A workshop will be scheduled after Terry returns and also after all the information has been received for the weeks of the meters.

Chesapeake Office Complex:

T&M has performed two (2) plan reviews of the "revised" plans of the Chesapeake Office Complex along Mile Lane Road. While the designer (LDG) has been very accommodating with the ATA revisions we feel that ATA needs to stress to the Owner/Construction Supervisor the importance of having ATA inspect ALL aspects of the sewer system, including the building's interior systems. David Young of Larson Design was present and stated he could assure us that the tanks were not connected to the sewer. He also stated the payment for the invoice that Chesapeake hasn't paid to ATA, we should get this week. Motion by Walter, seconded by Depew to approve the will serve letter for the additional 10 EDU's, total of 43 EDU's. Motion was unanimous. Motion by Walter, seconded by Blauvelt to approve the plans for Chesapeake as presented on April 8, 2012. Motion was unanimous.

Microtel Inn & Suites:

Construction is progressing on the Microtel site. All sewer pipes have been properly installed. Contractor is waiting for pumps to be delivered along with a one foot concrete adjusting ring for the pump station wetwell.

Dandy Mini-Mart #19

T&M has not received any new documentation on the review comments of the Dandy Mini-Mart grease trap.

Pump Station #6 Upgrades Design & Construction

Construction has been completed on the Emergency Modifications to ATA Pump Station #6. Vacri completed all requirements as well as a minimal "punchlist". T&M and Applied Analytics, Inc. are working with Valorie to resolve any remaining issues with the flow and pressure data being delivered to her computer in the ATA office. We also had the downloading software installed on Mark Ambrose's computer in Bethlehem PA so he can view the flows and assist Valorie if needed. Should you have any questions, require additional information, or wish to discuss the above comments, please do not hesitate to contact our office.

ATA Rules and Regulations – Policy - Articles 7 and Article 13

T&M was requested to revise ATA Policy Article 7 and Article 13. Article 7 revision is to further clarify the use of floor drains (which has previously been disallowed). The revision to Article 13 is to further clarify the sizing of the grease traps while providing for eating establishments that only use paper products as food containers (similar to Dandy Mini-Marts). The revision to Article 13 has been submitted for the Board's review. Article 7 will be submitted in the next few weeks for your review.

Jim Gensel from Fagin Engineer's representing Candlewood Suites to be located on Elmira Street was present to obtain a "will serve" letter for a 43 EDU hotel and restaurant. The plan is to contact to the existing force main that is on the property that will discharge into our line on Cole Street by manhole 32A. The line that crosses Elmira Street at this intersection is one of the problems of capacity lines. Meter has been set in the manhole to get actual flow. After lengthy discussions of capacity, motion was made by Walter, seconded by Blauvelt to approve the will serve letter for 43 EDU's. Candlewood is proposing to PennDot to allow them to connect directly into the manhole on the west side of Elmira Street, but if they don't allow it, they will upgrade their force main and stay connected to the line and discharge into Cole Street. If ATA has to enlarge the pipe across Elmira Street – Candlewood agreed to participate in the cost of \$10,000 to \$15,000 for the cost of the line.

Comfort Suites plans were received with a request asking for a "will serve" letter for 43 EDU's for hotel also. Discussion followed about capacity situation. Motion by Walter, seconded by Depew to approve the will serve letter. Motion was unanimous.

A sketch (survey) was received from Bruce Benish surveying for Callear's BBQ. No action was taken as there wasn't sufficient information received. We received a narrative for restaurant dated July 27, 2010 and then late afternoon a request for enlarging the parking lot and using 740 gallons per day but for a requested 414 EDU's.

An estimate was requested and received from Vacri Construction to repair the check valve at pump station #3. The pump has been turned off since Joe Rosati fixed the other valve back a few months ago, but never received an estimate to fix. Costs to repair will e \$2,615. Motion by Walter, seconded by Blauvelt to have Vacri repair the check valve to get this pump station back to running on 2 pumps. Motion was unanimous.

MAINTENANCE

Bob Blauvelt, employee, stated that he has arranged with Athens Borough to smoke test Queen Esther Estate starting on Thursday, the 26th and Friday the 27th. He will start at the bottom of the development and work towards the top. Blauvelt stated he will record problems found and take picture so there will be a report for ATA. He also stated he would duct tape the broken pipes, (clean-outs) that he knows of to seal the pipes. Blauvelt was questioned on his knowledge of knowing these pipes are broke and not turning them in or reporting them to ATA so we can get the land owners to fix them. He stated they are on vacant lots. He was told to get the locations to the office so we can get them fix.

Blauvelt was asked about the status of him obtaining his license. He stated he is working on it. He had some books with him and stated he is working on 3 books at this time. He stated he has taken 2 practice tests so far. He was asked when he thought he would be testing and he stated July. Huckabee asked him if he has any paper work filled out for the testing or has he filed any paper with DEP regarding his license and he stated no.

Blauvelt was asked about a back up person and who he had in mind as the people he said he has did not come into the office for an application. He was told the person has to be hired as an employee for insurance purposes.

Blauvelt stated there are snakes at Queen Esther and at Hickory Heights in the control panels. He stated he can get some stuff to sprinkle around them to try to keep them out.

A proposal from Triple V Electric was received for on call electric work. The cost will be \$52 per hour from 7 to 3:30 p.m. Monday to Friday. Minimum of \$75 per call. Labor rate is \$78 after business hours, minimum of \$150 per call. Estimate 1 hour response time on after hour calls, not available on major holidays. Motion by Walter, seconded by Depew to use Triple V Electric, Inc. instead of calling J & R electric from Binghamton. Motion was unanimous.

FINANCIAL

The following bills were reviewed for approval. Motion by Depew, seconded by Walter to approve payment of the following bills for \$159,692.39. Motion was unanimous.

1 st Citizens	\$39,058.00
Aqua Pa.	\$356.51
Athens Borough	\$2,138.66
Athens Township Authority	\$130.00
Austin's Excavating	\$250.00
Clarity Connect	\$939.90
Crane's	\$3,800.00
Daniel Toscano	\$198.89
Gannon Associates	\$2,054.00
Ginger Kinner Tax collector	\$1,276.66

J & R Electric	\$1,733.46
JWC Environmental	\$31,359.00
Line Systems	\$629.04
Niemiec, Smith & Pellingner	\$190.00
Pa. One Call	\$7.60
Penelec	\$4,143.80
Quill	\$236.92
Ressler Contracting	\$1,700.00
South Waverly Borough	\$4,576.23
T & M Associates	\$10,165.82
Time Warner Cable	\$48.79
Valley Energy	\$694.69
Valley Joint Sewer Authority	<u>\$54,004.42</u>
TOTAL	\$159,692.39

Responsibility letter was received from EFP Group for the 2011 audit. Motion by Depew, seconded by Walter to approve authorization for audit for \$4,900. Motion was unanimous.

Novak and Associates have been notified to list the Wilawana House for sale. Motion by Depew, seconded by Walter to approve getting it listed with Novak & Associates, John McCutcheon and to also have Nick Ball keep the grass cut. Motion was unanimous.

Mark Smith was given all the paper work we have for easements on 2 parcels for the Road C property. The information was forwarded to SEA last week. Smith will have the 2 easement recorded to make sure it is on record for PennDot to reimburse.

The inspection of the reconstruction of the sewer line was discussed. SEA contract states this is additional work and ATA agreed T & M Associates can do the work for us. T & M will be asked for an estimate after we received the plans requested from SEA.

No further business, meeting adjourned at 7:20 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
May 21, 2012

Meeting was called to order by Dr. Patrick Musto at 5:30 p.m. All members were present. Also, attending was Attorney, Mark Smith. No citizens were present to be heard.

Motion by Blauvelt, seconded by Walter to approve the minutes of the April 16, 2012 meeting as written. Motion was unanimous.

FINANCIAL

The following bills were reviewed. Motion by Cockcroft, seconded by Depew, to approve the payment of the following bills as presented. Motion was unanimous.

Aqua Pa. Water	\$348.63
Clarity Connect	\$49.95
Fluid Kinetics, Inc.	\$6,447.00
Gannon Associates, Inc.	\$1,301.00
Horn's True Value	\$8.99
J & R Electric	\$38.00
Kinsley Power Systems	\$2,100.00
Line Systems	\$316.03
Pa. One Call	\$10.15
Penelec	\$1,680.70
Pitney Bowes	\$367.74
Purchase Power	\$211.96
Sheila Hudson	\$198.89
T & M Associates	\$25,139.71
Texas Electronics, Inc.	\$690.96
Time Warner Cable	\$42.11
Triple V Electric	\$208.00
Vacri Construction	\$51,224.94
Valley Energy	\$245.34
Valley Joint Sewer Authority	\$480.00
TOTAL	\$91,340.10

ENGINEERS REPORT

T & M Associates were unavailable to be at meeting today. Mark Ambrose, P.E. and Brian Huckabee met with Terry Cockcroft and Pat Musto on Thursday regarding the findings of the initial flow reading. The following is a summary of the meeting.

- Mark started off describing the results of the flow study and the new spreadsheets, based on only two data dumps. This aspect was based on actual flows as opposed to the number of EDUs. While the first two data dumps provided several rain events and underscored the I&I situation ATA has to deal with the actual numbers seemed to indicate that the ATA gallons per day per EDU (200 gpd) may be slightly on the high side...or the 3.5 peaking factor is high. We hope to nail that down better with additional data.

- Due to Flow Assessment's delay in getting the data to us we did not have them pull the flow meters and data recorders out last week. I got the impression that they will leave them in for at least an additional week and cut the Authority a break on the costs.
- Following discussions, it was decided to see if Flow Assessment will rent two (2) flowmeters, for a 2 week period, and sell one flow meter to the Authority to provide additional evaluation on the line between PS#6 and QEE, which is the main suspect I&I contributor. Mark will follow up with Flow Assessment and is hoping to have costs to you prior to the Monday ATA meeting.
- We also discussed the OmniSite Cellular Sewage Lift Station Monitor. Terry and Pat want to have a trial period (2 months) at PS#6. If the XR50 monitor performs favorably, they think ATA would be interested in installing these units at PS#1 (which will already installed as demonstration), PS#2, PS#4, and PS#6. Mark is going to confirm availability and ATA costs and hopefully he will have that info for you prior to the ATA meeting.
- We also discussed the need to prepare a maintenance plan for the system including pump stations. T&M will undertake this task while we identify the I&I issues. The system will be put on a scheduled maintenance as far as cleaning the lines, pulling and servicing the pumps, and videotaping the lines. ATA is also moving forward with outsourcing as much of the work as is practical.

Cockcroft suggests we continue to rent 3 more meters for 4 more weeks and have them placed out on the Wilawana, P. S. #6 area. He stated there are serious conditions at #6. The cost will be for a month \$7,590. Motion by Cockcroft, seconded by Walter to have 3 meters installed on the P.S. #6 lines to try to locate our I & I problems. Motion was unanimous.

Cockcroft also stated he had T & M locate "wire-less" monitoring. It monitors alarms, flows, pump run times. Everything would be monitor in the office. T & M got a price to rent to own for \$870 for 2 months and the price of the meters if we purchased would minus the rental price of \$870. Cockcroft said he would like to see this at 4 of our stations. Motion by Cockcroft, seconded by Walter to rent to own for 2 months and see how it works. Motion was unanimous.

Cockcroft would also like to use Jones for the pump repairs, Triple V for the electric and not call J & R for all the work – Board agreed.

Two proposed changed to our rules and regulations were presented. Article 7 to include some types of floor drains and comminator in care facilities. Also, the floor drains modified the grease tank section. All modification was tabled until Attorney Smith can review with T & M.

LEGAL

ATA sold the Wilawana house for \$87,500 cash. Closing is supposed to be within 30 days. Attorney Smith presented a resolution for ATA to sign the deed when it is ready for the closing. Motion by Depew, seconded by Blauvelt to approve the resolution and have an office sign. Motion was carried with Cockcroft abstaining as his spouse is employed by the real estate company that sold it.

MAINTENANCE

Blauvelt reported both valves have been fixed at Station #3 and the pumps are running about 2 hours a day. He met with Penelec out of Road C and told them to move the electric poles back about 3 feet. T & M looked at the air release valves on both side of 220 to see if they were operating correctly. One was completely closed and they opened it up. Athens Borough and Blauvelt smoked tested QEE and found 41 problems consisting of no caps on clean outs, manholes problems and line leaks. Cockcroft and Blauvelt will review the information and get these problems taken care of.

Mt. View Manor has a camper parked on side of building and looks like it is connected to a sewer clean out. Blauvelt said he and Code Inspector's is going to speak with Roscoe Smith about this on Thursday also, we need to know how many apartments there is total in the complex as he made separate 2 and 1 bedroom places out of a couple 3 bedroom places.

OTHER BUSINESS

Keystone Consulting submitted a revised postcard application for Sewage Planning Exemption for Sayre Health Care Center for a Nursing Home and a Personal Care Home. Total EDU's will be 47 for both. No change in what ATA formally approved. Motion by Walter, seconded by Depew to approve the planning exemption for Sayre Health Care Center.

Dr. Musto said he received a call about Leprino's wondering if the plant could handle their discharge if needed. LFC contract is coming up with Waverly. Not positive what is going on with LFC. Dr. Musto said it would be minimal cost to the plant to take it and a cost savings to everyone if VJSA treated them as an individual "town".

No further business, meeting adjourned at 6:55 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
June 11, 2012

Meeting was called to order by Vice Chairman, Terry Cockcroft at 5:38 p.m. Members also present were Bob Blauvelt and Jack Walter. Also attending was Authority Solicitor, Mark Smith, resident Doug Williams, T & M Associate, P.E. Mark Ambrose and Project Manager, Brian Huckabee.

Motion by Walter, seconded by Blauvelt to approve the minutes of the may 21, 2012 meeting as written.

FINANCIAL

Motion by Walter, seconded by Blauvelt to approve the payment of the following bills that total \$14,835.25 as presented. Motion was unanimous.

Clarity Connect	\$49.95
EFP Rotenberg, LLP	\$3,000.00
Gannon Associates	\$1,551.00
IRS (payroll taxes)	\$565.76
Line Systems, Inc.	\$316.02
Niemiec, Smith & Pellingier	\$879.00
Pa. Dept. of Revenue (payroll taxes)	\$83.50
Pa. One Call	\$15.20
Penelec	\$1,057.89
Quill	\$214.96
Susquehanna Software	\$1,200.00
The Morning Times	\$20.56
Time Warner Cable	\$42.11
Triple V Electric	\$75.00
Valley Energy	\$190.05
Valley Joint Sewer Authority	<u>\$5,574.25</u>
TOTAL	\$14,835.25

The bill was received from Flow Assessment for the 6 flow meters for 6.5 weeks that was placed in the manholes for the flow determination was received. We had to have the flow meters installed for additional 2 weeks because when they were first installed, are area did not have any rain and we needed to see the flows with rain. Bill from 4/12/12 to 5/29/12 is for \$20,930.00. Since this time, 3 of the meters have been placed in 3 manholes on the Wilawana line to Queen Esther Estates and have shown that there is I & I, so T & M Associates suggest we have them pull when they come out to take the readings. Motion by Blauvelt, seconded by Walter to approve the payment to Flow Assessment for \$20,930.00. Motion was unanimous.

A trail OmniSite web based cellular monitoring device was installed at pump station #1. The device monitors 7 digital alarm contacts. ATA connects to the site via internet and can see the flows, alarms, pump hours, and if there is a problem with a pump – the alarm stays on until the pump has been fixed and taken care of it. The alarms come in over telephone to phones or beeper and also the office receives all alarm notifications through email. Reports were reviewed that shows the flows for the day and also hourly, which can determine during rain the I & I and also the pump hours so you can see if one pump is running

more or less. ATA discussed having these placed on our major stations, #1, #6, #2 and #4. The installer also show secretary Huckabee a small alarm that will read the pump hours and flows and call out for alarms for about \$800 and a \$6 a month fee. The quote is for \$9,719.00 which also includes a back up float alarm if all the alarms should fail. Motion by Walter, seconded by Blauvelt to purchase the additional 3 meters as proposed. Motion was unanimous. Motion by Walter, seconded by Blauvelt to try 1 of the smaller alarm system on Station #5, Gateway Industrial Park. Motion was unanimous. If it works well there, then we will purchase for the remaining stations. Motion was unanimous.

ENGINEER REPORT

The following report was given by T & M Associates and discussed.

System Observations From Study with Flow Assessment:

T&M will provide data received from Flow Assessment related to the capacity of the collection system later in this report however during the installation and monitoring of the flow meters we have noticed a few problems needing attention/correction to the physical system (non-capacity issues).

1. While installing a flow meter to document flows entering the ATA system from the Nomac Housing facility on Lamoka Road we detected a large amount of sand/silt in MH CHK#3 located near the entrance to the housing facility. Flow Assessment had to install the flow meter in MH CHK#2 along Lamoka Road where a fair amount of sand/silt was also observed. T&M will check out additional manholes downstream to determine the limits of the impacts.

T&M recommends that as soon as the flow meters are removed from the sewer line downstream of the Nomac Housing Facility that ATA require Nomac (Chesapeake) to flush and vacuum, at a minimum, the sewer collection system located on the Nomac facility. ATA does not want the system flushed without being vacuumed as that will just push the sand/silt into the ATA system. This process should be considered by Nomac as a regular maintenance requirement, possibly being performed every six (6) months, to keep the debris from passing into the ATA system and progressing downstream to PS#6. T & M, Brian Huckabee will contact the Supervisors at the Nomac Housing regarding this and ATA will flush the line after the flow meter is removed. We will also ask for MSDA sheet on the products that they are using for laundry purposes. Cockcroft said he had wanted a sample to be collected and taken to the lab for analysis.

2. ATA MH# 9 on Bressler Street has experienced two (2) incidents where the manhole cover will not stay in the frame as it should. On the first situation Bob replaced the manhole cover with a similar sized cover from a non-traffic location and this seemed to resolve the problem. On June 6, 2012, the Township either received another complaint, or observed a problem with the same manhole cover. Coincidentally, we were on our way to that specific manhole with the guys from Flow Assessment for an unrelated observation. We removed the cover and observed the frame that the cover normally sits in. The frame was not in good condition from all of the wear and tear caused by the tires hitting the cover which became loose over time. The cover did not properly fit into the frame anymore. It appeared that the frame was too large for the cover. You could actually see right down into the manhole while the cover was in place. T&M believed that the Authority faced a serious liability situation unless this condition was immediately addressed and called Terry Cockcroft to explain the situation and to see if Vacri Construction might have a steel plate the Authority could borrow or rent to cover the manhole until a repair could occur. Vacri is doing the waterline project on Pennsylvania Ave. Vacri was able to borrow a steel plate from Aqua PA to place on the manhole. As requested, Vern at Vacri immediately prepared a cost estimate for the Authority in the amount of \$1,950 to replace the frame and cover of MH #9 on Bressler St., including roadway restoration. The cover Vacri will be installing will be a bolt down cover to avoid a similar situation from re-occurring.

3. ATA appears to have a potential source of I&I in the pipe(s) immediately adjacent to the wetwell at PS#6. T&M strongly suggests that ATA have this short section (ATA MH AA-1 to wetwell and ATA MH A-11 to wetwell or connection point with other inflow pipe) camera so a determination can be made to explain the repair work done at this location a few years ago. Cockcroft stated he spoke with Vacri Construction and the person who actually installed the manholes and lines and he explained there is only 1 line going to #6. Cockcroft and Vacri are going to go over the area with Vacri drawings to show him exactly what is there.

Pump Station #6 Pumps

With all the work ATA has recently performed at PS#6, and with the data being provided by the flow meter, T&M has determined that the existing pumps are only performing at approximately 75% of the design efficiency. The typical flow shows that the pumps are generating around 240 gpm as opposed to the 310 gpm intended.

After much investigation, T&M has determined that the current pumps at PS#6 cannot provide the designed output with the existing, present conditions.

Short history:

During the construction of the Wilawana Road Phase 1 project to provide sewage service to the then Mills Pride facility we encountered a serious amount of water while installing the pump station in the vicinity of the Township Boat Launch along Wilawana Rd. preventing the pump station from being located at that location. The pump station was then relocated to its current location adjacent to the then Road "B" utility corridor, currently King Lane. This relocation required an additional 2,900 +/- LF of 3" and 6" forcemain to reach the designed outfall at ATA MH#200 in the mobile home park behind the Dandy Mini-mart near Elmira Street and Cole Street. It appears that this additional 2,900 LF was never factored into the sizing of the pumps for PS#6. The length of the forcemain is a critical factor in sizing pumps as the length contributes to the "head" that must be overcome to pump sewage from point A to point B. When T&M corrects the actual length of forcemain into the pump sizing equation the calculated flow reflects the current 240+/- gpm we are experiencing vs. the design 310 gpm. It also appears that this oversight was repeated during the design of the Wilawana Road Phase 2 that included substantial upgrades to PS#6. The additional 2,900+/- LF of forcemain was again overlooked.

After determining that the original design parameters cannot be satisfied by increasing the size of the impeller of the existing pumps T&M is evaluating the correct size pump that needs to be installed, as well as the other impacts to the pump station created by the increased horsepower the pumps will require. We suspect that pump station #6 will require 25 HP pumps compared to the 15 HP pumps currently in use. Walter asked if it causing problems and T & M stated you have higher electric bills because the pumps have to run more and causes more wear and tear on pumps. T & M stated that once they get the flows from the flow meters with actually flow numbers, they are suspecting about a 25 HP pump is needed. T & M was asked for a proposal to see where and what we could do with the 3 pumps we have at #6 to be able to use them at #1 or #4 stations. Also a proposal to modify the station, pumps and control panel for 25 HP pumps. Also, ATA will be writing Sweetland Engineering asking for their calculations for the design for the location of the station. Walter stated we need the station ready and capable of pumping when Chesapeake comes on line. The current EDU count includes all of Chesapeake as the moment.

ATA Rules and Regulations – Policy - Articles 7 and Article 13

We recently submitted revisions to Article 7 (floor drains), and Article 13 (grease traps) to the Authority for review and comments. As soon as we receive any comments we will incorporate them into the policies and get them formatted for inclusion in the ATA Rules & Regs. ATA discussed the revisions that Attorney Smith had. Tabled to next meeting.

XR50 Cellular Sewage Lift Station Monitor

On May 31, 2012, a representative of Envirep TLC installed the XR50 OmniSite monitoring device at ATA PS#1 on a 60 day trial basis. If the trial is satisfactory, this device will be replacing the previous alarm systems at PS#1, PS#2, PS#4, and PS#6. Besides providing alarms for the various conditions these pump stations experience this device also provides an abundance of additional information/data to the Authority and the information is sent directly to the OmniSite. With the proper password, the Board, Valorie, and T&M Associates can all look at this data whenever we have a need. So far it appears to be a major improvement over the alarm system that was replaced and is still in operation at the other pump stations.

During the installation of the XR50 at PS#1 the Envirep TLC Service Manager also provided a good deal of troubleshooting of the existing alarm wiring at the pump station. What was anticipated as being a 3 to 4 hour process resulted in a long day. We did not complete the installation until 10:00 PM however the Board now receives an alarm when the generator starts, for the first time since the original pump station alarms were installed.

ATA System-wide Inventory & Maintenance Info

T&M Associates is continuing with the establishment of a system-wide inventory & maintenance recording spreadsheet. The purpose is to record all equipment data including all service agreements and document service providers and maintenance schedules so the Authority can take a more proactive approach to maintaining the system.

To date we have visited PS#6 and PS#2 and we are currently formulating the inventory spreadsheet. We visualize having a master spreadsheet for the entire ATA system as well as a similar spreadsheet for each pump station. A copy of the individual pump station spreadsheets will be posted in the pump station. We also anticipate preparing a specific pump station "Checklist" with all items the operator should check including any settings on equipment such as the chlorine feed pumps.

These spreadsheets will be submitted to the Board soon, in "draft" form, so the Board can review and make suggestions to make these spreadsheets as beneficial to the Board as possible.

During our review of PS#2 and PS#6 we discovered that the chlorine feed systems at both stations were unplugged. At PS#2 the chlorine tubing was cracked and had to be cut to allow the chlorine to be fed to the wetwell. This was done. At PS#6 the chlorine pump had to be primed and we were having difficulty with the pump maintaining the prime. Further work is needed to repair faulty suction and feed tubing.

Also, while at PS#2, we observed the condition of the wetwell and questioned Bob, who arrived while we were on site to cut the weeds down, when the last time was that the wetwell had been vacuumed and pressure washed. He indicated it had been several months (fourth quarter of 2011). The wetwell was full of debris and it also had a substantial grease build-up at the upper level of the standing influent.

We strongly suggested to Bob that he get the vac truck out to PS#2 ASAP to remove the debris and wash out the grease build-up. We suggested that that pump station should be cleaned out every other month for a period of time. In time, it may be possible to decrease the frequency of cleaning to every 3 months depending on the amount of debris that accumulates. We forwarded our recommendation on to the ATA office.

Capacity Study and Spreadsheet Review/Updates

The sewer capacity study is being updated based on flow data received from Flow Assessment. The spreadsheet has not been updated in the last month because T&M has not had a chance to review that data prepared by Flow Assessment that we received late last week.

Flow Study, Capacity Confirmation, Remediation Alternatives

Flow Assessment has removed the six original flow meters that were installed in the area of Elmira Street and is in the process of reviewing the data and preparing the final report of the findings to ATA.

Based on the preliminary results from the original flow monitoring period T&M and Flow Assessment relocated three meters to the collection area tributary to PS#6 to locate potential sources of I&I. Preliminary field reports from Flow Assessment regarding these meters indicate that groundwater and inflow are entering the system. However, no processed data has been sent to T&M.

T&M suggests that ATA have these meters removed the week of June 18th during data acquisition.

Should the data support the "over capacity condition", we will utilize the data in our evaluations of alternate methods or remediation. We have already contacted PennDOT (at Dr. Musto' suggestion) to determine the viability of re-routing PS#6 forcemain along the SR220 right of way, to avoid Elmira Street. After several in-house discussions, PennDOT determined that this alternate would not be acceptable to PennDOT.

LEGAL

We have 6 hearings at District Magistrate for delinquent sewer fees and the closing on our property should take place any time now.

MAINTENANCE

Blauvelt said he went with Code Inspector's and Ed Reid to Mt. View Manor and counted apartments and there are 45 apartments. Secretary Huckabee stated that she saw the address list of the post office and there were 50 and the list included the names of the residents also. She was also told by the mailman that there are no vacancies available. Blauvelt said he counted 45. Huckabee asked what is ATA going to use?

As there was a supervisor's meeting scheduled for 7:00 p.m., meeting had to adjourn at 7:05 p.m.

Respectfully submitted,
Valorie Huckabee
Secretary

Athens Township Authority
July 16, 2012

Meeting was called to order by Chairman Pat Musto at 5:35 p.m. Members also present were Terry Cockcroft and Bob Blauvelt. Jack Walter arrived at 5:55 p.m. Mark Ambrose and Brian Huckabee from T&M Associates also attended.

Motion by Cockcroft, seconded by Blauvelt to approve the minutes of the June 11, 2012 meeting as written. Motion was unanimous.

No citizens were present to be heard.

Meeting recessed into executive session at 5:40 p.m. for personnel matters. Meeting reconvened at 6:20 p.m.

MAINTENANCE

Board member/employee, Bob Blauvelt described a grease plugged line problem Dunkin Donuts/Xtra Mart had. Their own pump station was down for about 2 weeks with the problem. They dug up their line in different areas and flush the line. The plugged then entered ATA's portion of the line and ATA had Austin dig their line up by Aldi's. Cut the line and had vac truck flush line. Line then was unplugged. DD/Xtra Mart and Rosh's ice cream is the only users on the line. All ATA time and costs will be billed to DD/Xtra Mart. We have not seen the design yet for Candlewood Suites but last ATA saw, they were also going to connect to that line. DD told T & M that they had grease trap trouble a couple weeks prior to this situation.

Pump Station #5, Industrial Park Road, is down due to the Essex box having to be replaced. Bob stated the pumps have to be turned on manually and Triple V will be installing new Essex tomorrow morning. Mark Ambrose stated that they were there at 2:30 p.m. and the level in well was all ready over the inlet pipe so it was going up pipe and needs to be pumped down. Bob stated he pumped it at 8:30 that morning.

The chlorine pumps were removed and taken to a shop to be evaluated. None of them were working. They all are 11 to 14 years old. The cost to fix is almost the price of a new one. T & M stated ATA should purchase all the same model with a repair kit. They each can then be programmed based on the flows of the stations as to how much needs to go in. They are self priming and also a calibration cylinder. The chlorine pumps need to be checked every time the station is checked. At station #6, ATA had a leak and about 60 gallons leaked out into room. Wasn't found for about 3 weeks. Bob asked if he could buy a mask when he is around the chlorine. He was told yes.

T & M reported Hickory Heights pump station, only 1 pump is working. The alternator has been removed and is sitting in the cabinet. Blauvelt stated that stations have been that way for 2 years. He stated Joe Rosati came down and did something to it. Blauvelt asked if he should have Triple V look at tomorrow and the Board said yes. The basket at station is close enough to the inlet, so the majority of the trash just drops down in the well. The well needs clean immediately. The inlet pipe needs to be extended to reach the basket. T & M was given permission to have Vacri give them a price for fixing this and also having them give us a price to go to station #2 and fix the trash basket rails at that station. Blauvelt asked if he could fix the pipe on the HH pump station and Cockcroft stated no, that is a confined space situation,

and he is to never ever go into a confined area, and ATA will outside source the job to someone certify. Blauvelt asked if he could get confined space training and ATA stated for the safety portion he could, but ATA will not get into doing confined space worked.

Cockcroft asked what the pump was that is sitting by the fence at P.S. #6 and Blauvelt said it was the pump that was repaired and brought back. Discussion followed about putting the pump in and pulling the other old one and having it repaired. Blauvelt was told to contact Jones.

At station #1, Jones has pump. Blauvelt stated that he was waiting for Jones to call him as what it is needed. Secretary Huckabee stated she called Jones on the 25th of June and they stated they called Blauvelt the week before and stated it would be \$2,500 to repair. Huckabee called and got permission to repair it and called Jones back and told them yes to repair on the 25th. Blauvelt needs to follow thru on finding out where the pump is, as we have no spare at Station #1. There is a smaller pump at station #1 sitting outside, rusted and we will have Jones take that also to find out if it workable and what size it is.

T & M asked about the pump outside at Station #4 and the status of it. Blauvelt didn't know. The pump is leading against the conduit of the well. The pump is rusted and the cord is weathered and breaking apart. Ambrose stated the cord probably isn't any good. Jones will need to come get the pump and see if it good or not.

FINANCIAL

The following bills were presented for approval. Total to be approved \$100,703.18. Motion by Cockcroft, seconded by Walter to approve the payment of the following bills. Motion was unanimous.

Aqua Pa Water	\$94.61
C & N (nsf check by customer)	\$130.00
Co of Pa. DEP	\$65.00
Flow Assessment Services	\$20,930.00
Gannon Associates	\$823.00
Line Systems	\$316.06
Penelec	\$1,285.47
Pitney Bowes, Purchase Power	\$285.44
T & M (2 months)	\$23,173.19
Time Warner Cable	\$46.11
Vacri Construction	\$1,950.00
Valley Energy	\$52.186
Valley Joint Sewer Authority	\$51,551.44
TOTAL	\$100,703.18

ATA received the last bill from Flow Assessment Services for the 3 meters we placed on the Wilawana Road line for 4 weeks. The amount due is \$8,890.00. Motion by Walter, seconded by Blauvelt to pay the bill. Motion was unanimous.

A bill was received from Vacri Construction for \$3,355.57 for hit laterals that were not marked for a Pa. one Call. The 1 call was responded to but not marked correctly in 1 area and the other area's not marked. The 1 call was called in as marked. Vacri had down time and had to purchase parts to repair the 3 laterals. Motion by Walter, seconded by Blauvelt to approve payment of the bill for \$3,355.57 for the hit 3

laterals not marked correctly by employee Bob Blauvelt. Motion was carried with Cockcroft abstaining, as his employer is the inspector on the site.

The quarterly Bond payment was received for \$39,058. Motion by Walter, seconded by Blauvelt to approve the payment to 1st Citizens Bank. Motion was unanimous.

The price to replace the 5 chlorine pumps, a repair kit, calibration cylinder will be \$5,017. Motion by Walter, seconded by Blauvelt to approve the purchase of the items from Pyrzs Water Supply Co. Motion was unanimous. T & M will install and show Blauvelt how to operate them. Also, Mark Ambrose said the light in station #6 chlorine room hangs right over the tank and should be moved. Blauvelt said he could do that.

ENGINEER'S REPORT

Ambrose stated the capacity report is done in draft, as he wants ATA to review. He stated the average shows 251 gpd with a peaking factor of 2.2 for average flows. On rainy days, it shows our flow at 227,000 gpd compared to 31,000 gpd on dry days. The board would like to have a workshop meeting on July 30, Monday at 5:30 p.m. at the South Waverly Borough office to discuss the capacity study. Huckabee will make copies and forward to board.

OTHER BUSINESS

A letter to serve request was received for a Fairfield inn & Suites on Wilawana Road by White Wagon Road. 51 EDU's is being requested. Motion by Walter, seconded by Blauvelt to approve the letter to serve for the hotel. Motion was unanimous.

T & M stated the Township will be letting Road C out on September 27th and construction will probably start spring.

Dandy Mini Mart requested a variance for the current grease trap they are using and have used since they were opened. Motion by Blauvelt, seconded by Walter to approve the variance, at present condition, but if anything changes in the future, it will have to be evaluated again.

Cockcroft asked about the water shut off notices for our city water lines and if they were installed. Huckabee stated no, nothing has been done. Motion by Cockcroft, seconded by Blauvelt to contact Hal Fish to install the required shut off. Motion was unanimous.

Blauvelt was asked if he has discussed with anyone as a backup for him when he is off and he started no. Sec. Huckabee suggested placing an ad in the paper and seeing what we get for applicants. Chairman Musto stated he would help write the ad and we would put it in both papers.

No further business, meeting adjourned at 9:05 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
August 6, 2012

Meeting was called to order by Chairman, Pat Musto at 5:30 p.m. Members also present were Terry Cockcroft and Bob Blauvelt.

Motion by Cockcroft, seconded by Musto to approve payment of the following bills that total \$56,531.66. Motion unanimous.

1 st Citizens National Bank	\$39,058.00
Aqua Pa.	\$222.30
Clarity Connect	\$49.95
Flow Assessment Services	\$8,890.00
Gannon Associates	\$831.00
Line Systems	\$316.33
Niemiec Smith & Pellingner	\$278.15
Pa. One Call	\$7.60
Penelec	\$948.86
Pertech	\$177.59
Pitney Bowes	\$367.74
Quill	\$79.96
Triple V electric	\$1,316.91
Vacri Construction	\$3,355.37
Valley Energy	\$151.90
Valley Joint Sewer Authority	\$480.00
TOTAL	\$56,531.66

T & M Associates, Brian Huckabee explained the tap in fees and cost vs charges. Discussion followed and everyone agreed tap in fee's would be raised \$3,000 per EDU for all EDU's – commercial and residential. Motion by Cockcroft, seconded by Musto to approve the charge of \$3,000 per EDU for ATA's Tap in fees. Motion was unanimous.

Discussion followed about commercial billing. Question was on amounts being used for commercial billing per gallon.

Reserved capacity being paid for in full for EDU's was discussed.

Meeting adjourned at 6:03 p.m. Due to emergency situation, Secretary was unable to be at meeting and minutes were taken by Board Secretary, Bob Blauvelt.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
August 20, 2012

Meeting was called to order by Chairman, Pat Musto. Members also present were Terry Depew and Bob Blauvelt. No citizens were present to be heard.

Motion by Blauvelt, seconded by Musto to approve the minutes of the July 16th, July 30th and August 6, 2012 minutes as written. Motion was unanimous.

FINANCIAL

Aqua Pa. Water	\$176.49
Athens Borough Council	\$1,736.60
Clarity Connect	\$49.95
EFP Rotenberg,LLP	\$1,900.00
Envirep TLC	\$19,051.71
Gannon Associates, Inc.	\$1,771.00
Niemiec, Smith & Pellingner	\$354.25
Pa. One Call	\$15.20
Pitney Bowes	\$367.74
T & M Associates	\$28,683.06
The Morning Times	\$19.64
Time Warner Cable	\$47.39
Triple V Electric	<u>\$713.85</u>
TOTAL	\$51,886.88

Now that we have the new alarm systems and flow monitors, the phone lines are not needed, except for #5 stations, which will also keep the RACO systems for more alarms. Motion by Depew, seconded by Blauvelt to have the phone lines cancelled.

We also can cancel the J & R monitoring and also sale the old systems. Motion by Depew, seconded by Blauvelt to cancel the monitoring systems with J & R Electric on the stations. Motion was unanimous.

A quote was received from Vacri Construction to raise the manholes that are in the ditch on King Lane. ATA was told by Jack Walter that this was going to be done during the construction of the road, but when it wasn't, ATA contacted the township and stated that during the walk thru of the road construction, it was decided by the Township, Chesapeake and their engineers that these were pre-existing and they would not do it- even thou, the flow in the ditch would be more, because they diverted the flow from the North side to the South Side where the manholes are. The quote from Vacri is for \$8,900, which includes raising them 19 feet and resetting existing casting. T & M stated that they spoke with Vacri and told them they had to be water tight. Also, the quote states, prevailing wage, but this doesn't need to be prevailing wage. T & M will contact Vacri regarding this in their quote. Motion by Depew, seconded by Musto, to approve the quote of \$8,900, as long as they do as stated and not prevailing wages. Motion was unanimous.

The inlet pipe at Hickory Height station and the basket at Kmart Station needs repaired. A quote was obtained from Vacri Construction for \$1,950 to have this work done. Motion by Depew, seconded by Musto to approve the quote of \$1,950 to repair the stations.

A proposal from Jones Specialties was received for pump maintenance at the stations. Jones will charge ATA \$85 an hour for service at stations during the hours of 7:30 to 4:00 p.m., Monday thru Friday, which includes truck, after hours with truck, weekend and holidays - \$150.00. Travel will be charge 1 way only above the hourly rate. Prior to any ER call being placed, call should be placed to electrician to verify this is not an electrical problem. Also during normal servicing of pump stations the on call electrician should be present for a short period of time to check operations of pumps and controls for potential problems that should be addressed. Pumps brought back to shop for servicing will be disassembled to identify parts that should be repaired or replaced and a quote for said repair will be forwarded to ATA for approval. The repair will proceed and parts ordered once approval is given by ATA. Motion by Depew, seconded by Blauvelt to approve the service contract with Jones Specialties as presented. Motion was unanimous.

Quotes were received for spare pumps for Greenes Landing, QEE and McDuffy St. Discussions followed about having spares sitting and weather to purchase them or wait until needed. Also, it was discussed on the pumps to get longer length cables as the wiring of the pumps is in a danger now and should be wired in a junction box on top the pump lid and not under the concrete wall and not enclosed. T & M will get us the length of the cords to order. It was decided to get the spares so we will have no down time with pumps, if something happens. Motion by Musto, seconded by Blauvelt to purchase the pumps from Fluid Kinectics for a total \$12,649.00. Motion was unanimous.

A donation request from the Athens Township Police Benevolent Association was received, but due to legal matters ATA is not allowed to donate.

ENGINEERING

T & M, Huckabee stated he is inspecting the testing of Chesapeake lines and manholes. A few manholes have past. The lines has not been done and there are still more manholes to test. A proposal for engineering service relative to the sanitary sewer improvements located along Elmira Street, and for the evaluation of Pump Station#1 and #6 was explained by Mark Ambrose and Charles Volk, division manager of water and wastewater for T & M Associates.

Pat asked what the construction estimate for the construction. T & M stated that there are so many variables due to where the lines could be placed and how, but could be \$2,000,000 and again all depends on what many different items like size of pipe, where to locate it, how to construct it, what PennDot might require if in right of way, and how many EDU's we will be serving, after ATA determines the sewerred area. ATA will review proposal and wait till they can have the full board and also maybe have a workshop and have T & M back to discuss. Pat stated without knowing the numbers and how it affects the quarterly fee, and having the treatment plant loans coming in to play, ATA would have to play with numbers.

LEGAL

Attorney Mark Smith reviewed the proposed Athens Borough agreement that they sent to ATA for review. There were some items that have us concerned. The old agreement was on the expenses of the pump stations and this agreement is the lines and pump stations. Also Admin cost will be charged but doesn't state what and how. Also, we want something in the agreement stating problems caused by their people, workers not to be paid by ATA, due to lack of maintenance on their part. Attorney Smith will contact Athens Borough about agreement.

The resolution for changing the tap in fee that was adapted on August 6, 2012 to \$3,000 and EDU was signed.

ATA reviewed the collection cases we had. All but 1 paid in full.

MAINTENANCE

Bob reported 2 people connected to the sewer line.

No further business, meeting adjourned at 7:15 p.m.

Respectfully,
Valorie L. Huckabee
Secretary

**Athens Township Authority
September 17, 2012**

Meeting was called to order by Vice Chairman, Terry Cockcroft at 5:30 p.m. Members also present were Bob Blauvelt, Terry Depew and Jack Walter. Also attending was Attorney Mark Smith, and Project Manager, T & M Associates, Brian Huckabee.

CITIZENS

Quad K construction started their project of 2 – 2unit rental homes and a single home for rentals on Industrial Park Road back in November of 2011. The 2nd 2 unit building was completed in July and Joan called the office end of August to pay the tap in fees and was told they were \$3,000 per unit. We raised our fees on August 6, 2012. Joan was asking for an exemption to be made since the units were completed in July but have not been rented until now, so no one has lived in them. Motion by Walter, seconded by Depew to allow Quad K to pay the old tap in fee of \$1,500 per unit. Motion was unanimous. Joan paid the tap in fee for the 2 units at the meeting.

Motion by Blauvelt, seconded by Depew to approve the minutes of the August 20, 201 meeting as presented. Motion was unanimous.

FINANCIAL

Motion by Blauvelt, seconded by Walter to approve the payment of the following presented bills. Motion was unanimous.

Athens Township Supervisors	\$80.00
Clarity Connect	\$49.95
Envirep, TLC	\$3,162.00
Gannon Associates	\$478.00
Line Systems	\$314.15
Niemiec, Smith & Pellingier	\$424.00
Pa. One Call	\$5.10
Penelec	\$1,246.06
Pitney Purchase Power	\$300.00
South Waverly Borough	\$9,152.46
T & M Associates	\$20,596.20
Time Warner Cable	\$47.39
Triple V Electric	\$156.30
Valley Energy	\$218.54
Valley Joint Sewer Authority	\$6,457.44
TOTAL	\$42,687.59

ENGINEER'S REPORT

Mr. Huckabee stated he and Blauvelt drove up to QEE to decipher the smoke test results and a lot of the visible problems are in the upper, Phase 2 area on private property and in ditches. There is also a manhole frame and adjusting ring that is 8" of center. Cockcroft asked if we could isolate the problems between manholes. Also caps off clean outs are missing and broke. Huckabee stated smoke was coming out of the ditches that are not around a clean out.

Cockcroft asked if we can determine if the majority of I & I is from QEE coming into station #6 or was it from Nomac way. Huckabee stated from the flow meters placed, which the report is completed, it is QEE. Huckabee stated ATA has video tapes of the line televised of QEE and he will review them along with the locations of the smoke results to try to pin point the locations that need dug. Attorney Smith will review Article 8 of our rules and regulations regarding the home owner's responsibilities to fix the problems on their property. Cockcroft stated to focus on QEE and getting the I & I fixed to help with our capacity downstream.

Huckabee discussed the King Lane manhole problems. ATA had the manhole raised since Chesapeake put a road in. Discussion followed about how ATA should have been notified of this paving and road construction but wasn't. When asked about it, ATA was told it didn't have anything to do with them because it was "pre-existing". Huckabee stated that he spoke with Twp. Ed Reid standing by a manhole and Mr. Reid said to send the bill to him at Township. ATA will send invoice to the Township for the manhole repairs of \$8,700.

Huckabee asked if ATA would be interested in the existing proposal they submitted, be put in phase type sections, as some work could be done now to speed the process. Cockcroft stated yes and Huckabee stated he will have this done and to ATA in a week.

LEGAL

Attorney Smith reviewed the contracts we had with SEA over the pump station #6 miscalculations. It's clear it was done incorrectly and needs to be straightened out. Dave Sweetland asked ATA what we wanted them to do. Discussion followed and Attorney Smith will write a letter to SEA asking what they will do to take care of the problem.

Athens Borough attorney, Jonathan Foster was sent our questions from last month's meeting regarding the pump station agreement with Athens Borough. No responds yet.

A few small judgments' liens were filed against property. Health Lee made a payment for the first time of \$50 with no agreement or any future payment plan. Osmond located on Sharon Street did not make the payment like she told D. J. Shaw she was going to do. Attorney Smith stated you can do sale of assets, items if we wanted to, Smith was told to file on them.

Cockcroft wanted to discuss the Reservation Capacity Fee we need to charge to the developers that request ATA to save EDU; s. Cockcroft stated they should be told and charged ½ of their tap in fee and saved for 3 years. If they haven't done anything since and which to continue the save for another 3 years they can pay the other ½. He stated this would go for situation like CVS. Also, ATA had to come up with a definition of a Senior Care Home requiring a comminator system and also to allow floor drains in living areas of facilities. The rules and regulations were changed to allow Institutional Care Facilities, which is a building, or part thereof, other than a hotel or restaurant, where meals and/or lodging are provided for compensation for two or more unrelated persons. This will allow the floor drains in bedrooms, bathrooms, and any place there could be septage. Also this will mandate a comminator system. Motion by Walter, seconded by Blauvelt to adopt the presented change to the rules and regulations and articles as presented. Motion was unanimous.

MAINTENANCE

Blauvelt reported the monster muffin was down due to an electric surge that burnt out a fuse. He requested permission to purchase about a dozen fuses so there are spares when needed. He stated these fuses are used in all pump stations. He was told to get them. Blauvelt stated that he would like to purchase a

basket for station #4. He said for some reason on the lower inlet, toilet paper is coming through. He stated the basket rails are there but no basket. He was told to order it. The cable at station #7 broke and he installed a new one. Also, Vacri extended the pipe to the basket.

OTHER BUSINESS

Cockcroft asked Walter what is the Twp. issue with the drainage on Wilawana Road and why is ATA believed to be the one to fix it. Walter stated he thinks when the sewer line went through the creek bank was not put back high enough. Blauvelt stated that it wasn't ATA, that the fiber optic company for CVS came through and from what T & M and Blauvelt said, between them digging and also the farming digging the corn field and that bank – the problem isn't ATA.

Gary Webster approached ATA about their property located on Industrial Park Road. After discussion the property and our rental income from the water company for the booster station they have on it, Cockcroft will speak with Webster to see what exact portion it is that he is interested in to.

Cockcroft requested an executive session for personnel reason at 7:25 p.m. Meeting reconvened at 8:00 a.m.

Cockcroft explained that ATA has improved, upgraded, cleaned up, repaired, and now have professional people working on contract with ATA for pump repairs, electric, line repair and new monitoring, wireless systems for all stations. With all the improvements we have, ATA doesn't have the need to have a 40 an hour, full time employee. Cockcroft feels that a lot more less time is needed to do what needs to be done. He stated ATA believes that stations #1,6,4,2 can be maintenance 1 time a week and stations #5,7,8 and CVS can be maintenance 1 times every 2 weeks. The pump readings are not needed anymore; stations #1 and #6 have no baskets to dump with the muffin monsters installed. The basket was fixed at #2, and the pump that wasn't working at all is fixed now. Also, Cockcroft stated he resigned back in July from being Blauvelt's supervisor but no one has been appointed yet. Cockcroft stated the office receives all the calls and the secretary has all the wireless status on the office computer, her cell phone and at home. She is connected to all the parties needed when needed. The Pa. One calls come to the office and ATA has been contacted by a locating company for their services. ATA will continue a talk with the locator company. Cockcroft told Blauvelt that for a month, ATA wants to try a 10 hour a week schedule to see how things are, and wants input as to how much time is needed. Also, Blauvelt will report to Authority Secretary Huckabee since she has all the information needed. Motions by Depew, seconded by Walter to change Bob Blauvelt schedule from 40 hours to 10 hours a week, starting September 28, 2012 for 1 month, and also appoint Secretary Huckabee as his supervisor to report to with items. Motion was carried with Blauvelt abstaining.

ATA will be checking to see if the tall orange road plastic barriers can fit over our spare pumps that are outside in the weather. If they work, we will purchase a couple for the pump stations that have the spare pumps sitting outside.

No further business, meeting adjourned at 8:10 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
October 15, 2012

Meeting was called to order by Chairman, Pat Musto at 5:30 p.m. Members also present were Jack Walter, Terry Cockcroft, Terry Depew and Bob Blauvelt. Also attending was Authority solicitor, Mark Smith and Authority secretary, Valorie Huckabee.

There were no citizens to be heard.

Motion by Cockcroft, seconded by Blauvelt to accept the minutes of the September 17, 2012 meeting as written. Motion was unanimous.

FINANCIAL

Motion by Cockcroft, seconded by Depew to approve the payment of the presented bills as follows. Motion was unanimous.

1 st Citizens National Bank	\$39,058.00
Aqua Pa. Water	\$106.14
Athens Borough Council	\$1,201.81
Clarity Connect	\$49.95
Gannon Associates	\$478.00
Line Systems, Inc.	\$163.49
Niemiec, Smith & Pellingier	\$356.27
Penelec	\$633.70
Quill	\$278.21
South Waverly Borough	\$724.63
T & M Associates	\$11,528.17
Time Warner Cable	\$47.39
Vacri Construction	\$10,850.00
Valley Energy	\$127.74
Valley Joint Sewer Authority	<u>\$51,871.44</u>
TOTAL	\$117,107.20

The 2013 budget was presented for review. As of now, there is no sewer rate increase. The adoption of the budget was tabled to next month.

ENGINEER'S REPORT

T & M Associates met with Chairman, Pat Musto and Vice Chair, Terry Cockcroft regarding the proposed contract in phases that was requested. T & M are looking at different options with running the sewer line from Wilawana side out of Elmira Street. They requested Phase 1A & B to be approved so they could evaluate the electrical and station components. Brian Huckabee stated they need to discuss the proposed EDU's count for now and future. Discussions will have to be held with Township for some ideas. Motion by Walter, seconded by Cockcroft to approve Task #1A & B of the T & M Associates proposal as presented. Motion was unanimous. Brian Huckabee also presented the inventory of all the stations and asked that ATA review it. They are also speaking with Secretary Huckabee as there are other items she is requesting to be added to it, in order to keep track of the pumps and locations. Also, Jones Specialties will be contacted to see how they are keeping the pump information to try to utilities our inventory along with Jones. Discussion followed about pipe sizes and pressure and what all has to be determined in order to enlarge #6 stations.

MAINTENANCE

Blauvelt reported that Station #1 had a seal failure and also #6 and Jones came down and took care of both. He started the new 10 hour schedule and stated it is working out. He said he is keeping the stations nice looking but the property on the one side of #6 isn't ours and needs mowed. Discussion followed about televising QEE phase 2 lines. There is 4842 linear pipe to be videotaped. The Valley Authority will be doing the taping. There is a lot of broken caps on the clean outs and ATA discussed purchasing them and putting them on this one time. Motion by Walter, seconded by Cockcroft to schedule the taping of the lines to find the water problems with Valley Joint Sewer Authority and Blauvelt. Motion was unanimous. Motion by Walter, seconded by Depew, to purchase the clean out caps, notify all the residents in QEE that we will be doing this and will be replacing the clean out caps this one time. Motion was unanimous.

LEGAL

Attorney Smith stated that Athens Borough was questioning the status of the agreement and it is in Attorney Foster's hands. Chairman Musto will speak with Mark Burgess regarding this.

ATA has one collection that Attorney Smith has filed levy on with the banks for our fees. As soon as he receives the information he will proceed with the collections. The account is Tracy Osmond. She went to court and stated to D.J. that she would make payments and as of today, month's later still has not paid a penny.

Meeting recessed into executive session at 6:35 for Legal and Personnel matters. Meeting reconvened at 7:30 p.m.

Motion by Cockcroft, seconded by Depew to accept the proposal, contingent upon a few changes and review of Attorney Smith, from Lohmann's Underground Utility Locating, LLC as a contractor to operate our pump stations, effective November 1, 2012. Motion was unanimous.

Bob Blauvelt was told he will stay on a 10 hour work week till 12/31/12 and ATA will not renew his contract at that time. Blauvelt agreed to work with Lohmann's when they come on board showing them the stations and items.

Motion by Cockcroft, seconded by Walter to have Attorney Smith to pursue pump station #6 design and costs of station by Sweetland Engineering for 900 EDU's, for their error of the redesign of the station. Motion was unanimous.

No further business, meeting adjourned at 7:35 p.m.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
November 19, 2012

Chairman, Pat Musto at 5:30 p.m., called meeting to order. Members also present were Terry Depew and Bob Blauvelt.

No citizens were present to be heard. Motion was made by Blauvelt, seconded by Depew to approve the minutes of the October 15, 2012 meeting as written. Motion was unanimous.

FINANCIAL

Motion by made by Depew, seconded by Blauvelt to approve the payment of the following bills, as presented, that total \$40,800.46. Motion was unanimous.

Aqua Pa. Water	\$134.14
C & N Bank – customers returned check sewer payments	\$910.00
Clarity Connect	\$49.95
Fluid Kinetics, Inc.	\$6,612.00
Jones Specialty Service Group	\$86,845.48
Kinsley Power Systems	\$1,750.96
Line Systems	\$49.06
Lohmann's Utility	\$4,900.00
Niemiec, Smith & Pellingner	\$573.00
Penelec	\$2,194.96
PennDot	\$280.00
Purchase Power	\$425.00\
Schuylkill Mobile Fone	\$180.00
T & M Associates	\$11,938.19
Valley Energy	\$154.65
Time Warner Cable	\$95.05
Valley Joint Authority	<u>\$3,230.00</u>
TOTAL	\$40,800.46

The yearly renewal for Greater Chamber of Commerce was received; we do not use the medical insurance any further, so we will not renew our membership.

ATA has 4 pump stations that Aqua Pa. Water, due to EPA, has to have backflow prevention devices install on them. There are 2 plumbers certified to do the work. Tom Lyons Plumbing stated he was too busy to quote. Hal Fish Heating & Air Condition quoted for 4 stations, \$15,600.00. After further discussion, ATA will contact some well drillers and receive quotes to drill a well at these stations.

A quote was received from Vacri Construction for the repair of Station #8, QEE, to get the pump able to be installed in well, so we have the 2 pumps working. The quote is for \$8,759 for the work and equipment, \$3,000 paid by ATA for materials, septic hauler is needed, paid by ATA and electrician hired by ATA. Motion by Blauvelt, seconded by Depew to approve the repair of the station to get the second pump working in the well. Motion was unanimous. Brian Huckabee, T & M Associates stated he met with Vacri today up to QEE, to review some repairs on manholes and lines that have a lot of the I & I problems. When

Vacri gives us the quote, ATA will do a phone poll vote, so they can do the repairs while they are up there, doing the pump station work, to cut costs on mobilization.

The 2013 budget was tabled at the October meeting, for review of the board members. Motion by Depew, seconded by Blauvelt to approve the 2013 budget as presented. Motion was unanimous.

ENGINEER'S REPORT

Brian Huckabee presented some information and costs associated with station #6, to bring it up to the 900 EDU's., as it was suppose to be designed and built. The costs are today's costs. Based on information ATA has, the cost would be \$73,326 plus labor. Approximate costs to bring it from that state to a new design of 1,500 EDU's, as ATA believes we will need for further growth now, would be approximately \$60,000 for equipment, plus labor. Huckabee stated as part of the relocation of sewer, out of Elmira Street, they are proposing, if survey is approved, to verified elevations first, and to have the flow from Wilawana directed to a new pump station #2A, which will also connect station #2 into, and then flow to Station #1, via Pennsylvania Avenue. Costs for new station would be about \$200,000. The cost proposed by T & M Associates for the survey is \$45,000.00 Motion by Depew, seconded by Blauvelt to approve the survey portion of T & M Associate's proposal. Motion was unanimous.

Huckabee stated that after a push from ATA, Chesapeake will be pressure testing line and manholes stating tomorrow and continuing till completed.

LEGAL

Attorney Smith stated that he sent verification at banks for Tracy Osmond, and there are no bank accounts. We received a judgment and next step would be sale of assets, through sheriff's office. ATA decided to try to disconnect the water. Attorney Smith will write her a letter giving her 24 hours to pay or water will be disconnected, if Water Company will disconnect it. If not, we will continue with sale of assets.

All paper work was completed by Lohmann Locating Service to do operations of our stations and Pa. One Call's.

Athens Borough solicitor reviewed our questions and remarks about the agreement with Athens Borough. Everything was worked out except ATA being responsible for ½ of Main Street – ATA wants the same wording as in the original agreement. Attorney Smith will let them know that.

MAINTENANCE

Employee, Bob Blauvelt stated he took Craig and Mike around to the stations. He ordered 40 of one kind and 9 of another kind cap for the QEE cleanouts that are broke. Blauvelt said he would just knock on the doors at the residences and let them know he is replacing the clean out cap because they are missing or broke. Blauvelt stated there were no further problems. Secretary Huckabee asked if there was a problem with the generator at station #3, and Blauvelt stated there is. The block heater over heats, he forgot to tell the office. Huckabee asked if he called anyone to repair it, and he stated no he has not. Huckabee will contact Kingsley regarding it. In addition, Mike Lohmann stated they took Mark Stroker around to the stations with them; Mark is the licensed holder of the company. Mike stated there is a gas leak at pump station #2. Blauvelt stated he had smelled it before also. Mike will take care of the problem.

He also stated that he did a one call for the old Arnold's and spoke to them about the disconnect not being correct, and Williams will cap at the road way like our rules state when they dig for the new station. Mike also reported there were 12 one calls and one ER one call.

Blauvelt stated that he noticed the light flashing for a couple weeks at the plaza pump station by Fortune Buffet and when he noticed McGuire's there pumping he went over to them, on his time. He stated the well was full of grease and the pump and controls were damaged and had to be replaced. Secretary Huckabee asked Blauvelt if he had inspected the Buffet for grease pumping, as he was suppose to and he stated no he never did. Huckabee stated that after the other buffet grease problem in Athens Borough and this one from last year, ATA stated then that they were supposed to be inspecting quarterly by ATA and pumped every 6 months on a regular basis. A record was supposed to be recorded by the operator. Blauvelt stated any time he went in there, no one spoke English and he was told to come back when manager was there.

OTHER BUSINESS

Comfort Suites plans for sewer construction was approved by ATA the end of May. A letter was forwarded to them stating they were approved and also the tap in fee was \$63,000, and the fee needed to be paid prior to connection to the sewer line. In August when ATA raised their tap in fees, and the hotel was all ready under construction, ATA wrote them and told them the tap in fee had doubled. Comfort Suites called the office to meet about this and said they do not remember getting the approval letter and stating the tap in fee was \$63,000, because they would have paid it now. The said they could not make the November meeting, but would make the December meeting and in good faith would pay the \$63,000 now since that is what ATA approved in May, and discuss the difference at the December meeting. Discussion followed and ATA decided that since they made an exception for Quad K Builders on Industrial Park Road for 2 EDU's to pay the old tap in fee, because they were under construction all ready, they would allow it for Comfort Suites. Attorney Smith stated even thou ATA would probably win a case if this went to court; ATA would pay a lot in legal fees to fight it and does not need the publicity, since we made the exception all ready for the same reason. Motion by Depew, seconded by Blauvelt to accept the \$63,000 as the final tap in fee for Comfort Inn and Suites. ATA will write them and let them know.

Meeting recessed into executive session for potential legal matters at 7:43 p.m. Meeting reconvened at 7:54 p.m. and adjourned.

Respectfully submitted,
Valorie L. Huckabee
Secretary

Athens Township Authority
December 17, 2012

Chairman, Pat Musto at 5:30 p.m., called meeting to order. Members also present were Bob Blauvelt and Terry Depew.

CITIZENS

Steve Summers was present to review the 2013 insurance policy. After reviewing the limits, ATA decided to lower the replacement cost to QEE pump station to \$100,000. This will lower the premium about \$150 a year. Motion by Blauvelt, seconded by Depew to approve the presented policy for \$7,841.00. Motion was unanimous. In addition, the worker's comp policy will be cancelled on 1/1/13.

Motion by Depew, seconded by Blauvelt to approve the minutes of the November 19, 2012 meeting as written. Motion was unanimous.

FINANCIAL

Motion by Blauvelt, seconded by Depew to approve the payment of the following bills as presented, that total \$68,621.81. Motion was unanimous.

Aqua Pa.	\$76.30
Borough of Sayre	\$2,068.32
C & N	\$495.00
Clarity Connect	\$49.95
J.c.Smith	\$116.24
Joe Murrelle Press	\$46.02
Kinsley Power Systems	\$710.10
Line Systems	\$46.99
Lohmann's Utility Locating	\$4,900.00
Niemiec, Smith & Pellingner	\$240.00
Penelec	\$1,218.65
Quill	\$169.59
T & M Associates	\$48,455.46
Time Warner	\$48.36
Triple V Electric	\$280.00
Valley Energy	\$143.38
Valley Joint Sewer Authority	<u>\$9,557.45</u>
TOTAL	\$68,621.81

Chairman Musto told Attorney Smith that Mark Lunquist will getting a resolution to ATA to pass, so when we borrow the money for the sewer line replacement project, we can reimbursement ourselves back for the engineering that we have paid for so far.

MAINTENANCE

Operator Blauvelt reported that Vacri came up to QEE, fixed something, and thinks something needs to be done to the valves. T & M project manager, Brian Huckabee explained that a 2" nipple that connects to the base, where the pump sits, had a huge hole in it, and Vacri replaced it. When the pump was placed, and wired, the pump did not work. This is the pump that Jones had just repaired and rebuilt. Jones was contacted and they came, retrieved the pump, and were sending to Fluid Kinetics, as they had rebuilt the motor. In addition, it was found out that Jones does not have the means to test a 3-phase motor. We will contact Jones to see if they plan to do anything to be able to test these pumps. Blauvelt also reported he has six more caps to replace at QEE on clean outs and then he will get a receipt from Eastern Penn Supply for the invoice. Brian Huckabee asked Blauvelt how the debris was at Station #2, due to the condition that station was originally in. Bob stated the usual. Huckabee asked if he has had the vac truck over again to clean it out and scrap the walls and he stated no, he didn't know he was suppose to. ATA will get this get this arranged. Blauvelt was suppose to be doing this every 2 months until the station was cleaned. Operator Mike Lohmann reported that they found two gas leaks at station 2 and repair both of them.

ENGINEERING

Vacri provided a quote to ATA) Vacri has provided a quote to ATA to replace several manholes in serious need of repair/replacement. ATA has authorized the repair of three manholes as proposed by Vacri. Vern anticipates the work on these manholes to occur during the week of January 7, 2013.

Brian Huckabee is still trying to nail down the leaks as indicated by the "smoke test" and the flows detected from the laterals in the televising the main line. We hope to attempt a few repairs where the apparent leak is in the Township Right of Way. We will notify the Township and inform the property owner that we will be digging in the ROW near their property.

Chesapeake Facility – Mile Lane Road

The sanitary sewer system constructed by Chesapeake for their facility along Mile Lane Road has finally passed all the required pressure and vacuum tests. So the system is now allowed to accept sewage, even though portions of the system have been conveying sewage since sometime in September.

We still have an issue I am trying to resolve. The manhole frames and covers are not screwed into the concrete walls. The cover frame was grouted to the concrete walls with waterproof grout. With the exception of only a few manholes, all the manholes are located in the large aggregate "lay down" yards. Either during the placement of the aggregate or afterwards the frames and covers has been pushed around on the manholes. We had to have one of the contractors flush the one line with a large screen to catch the stone and debris in the manholes from getting into the main line along King Lane. My concern is that with the waterproofing grout being busted out, and, in my opinion the unlikelihood that grouting the frames in place with waterproofing grout will last very long because of the abuse from the traffic in the yards we need to determine something to do to ensure that:

- 1) The frame and cover remains in place to prevent the stone from falling into the manholes (this occurred during the placement of the aggregate. Five buckets of stone was removed by hand at manhole just prior to joining the ATA mainline along King Lane). I believe the Board will need to require the manholes to have a concrete "donut" poured around each manhole, or possibly bollards placed to keep traffic away from manholes.

2) Another issue, and I am not sure how to deal with this one, is that the large aggregate lay down yard collects a lot of rain and snow melt. There are some manholes where the water appeared to be up to the frame and seeping under the frame. This COULD become a major source of I&I. A letter will be drafted by T & M so we can send it to Chesapeake.

Mark Ambrose from T & M stated that he has analyzed the flows from #6 and Elmira Street and believes with some more elevation verification, that #6 could pump down PA. Ave by force main, to a point around McDuffy Street, then gravity to #1. Mark reviewed the following flows and percentages by doing this.

ATHENS TOWNSHIP AUTHORITY ELMIRA STREET CAPACITY EVALUATION FORCE MAIN RE-DIRECTION ANALYSIS							
Manhole No.		Pipe Data			Used Capacity		
Up Slope	Down Slope	Type	Length	Diameter	Current %	W/O PS #6 %	W/O PS#6 & PS#2 %
MH-204	MH-203	PVC	200	8	14	14	0
MH-203	MH-202	PVC	167	8	23	23	0
MH-202	MH-201	PVC	199	8	24	24	1
MH-201	MH-200	PVC	165	8	24	24	1
MH-200	MH-199	PVC	340	8	68	23	1
MH-199	MH-198	PVC	254	8	69	24	1
MH-198	MH-32A	PVC	189	8	55	21	4
MH-32A	MH-32	PVC	57	8	81	30	5
MH-32	MH-31	PVC	222	10	30	12	3
MH-31	MH-30	PVC	222	10	23	9	2
MH-30	MH-29	PVC	287	10	16	7	2
MH-29	MH-28	PVC	231	10	14	6	2
MH-28	MH-27	PVC	112	10	57	23	6
MH-27	MH-26	PVC	240	10	57	23	7
MH-26	MH-25	PVC	342	10	58	24	7
MH-25	MH-24	PVC	400	10	58	24	7
MH-24	MH-23	PVC	400	10	58	24	7
MH-23	MH-22	PVC	404	10	61	27	10
MH-22	MH-21	PVC	402	10	69	35	18
MH-21	MH-20	PVC	40	10	69	35	18
MH-20	MH-19	PVC	230	10	69	35	19
MH-19	MH-18	PVC	204	10	70	35	19
MH-18	MH-17	PVC	398	10	73	39	22
MH-17	MH-16	PVC	188	10	73	39	22
MH-16	MH-15	PVC	366	10	85	51	34
MH-15	MH-14A	PVC	187	10	87	53	36
MH-14A	MH-14	PVC	234	10	87	53	36
MH-14	MH-13	PVC	272	10	87	53	39

MH-13	MH-12	PVC	400	12	54	33	22
MH-12	MH-11	PVC	176	12	54	33	23
MH-11	MH-10	PVC	40	12	54	33	23
MH-10	MH-9	PVC	393	12	54	33	23
MH-9	MH-8	PVC	394	12	54	33	23
MH-8	MH-7	PVC	313	12	54	33	23
Manhole No.		Pipe Data			Used Capacity		
Up Slope	Down Slope	Type	Length	Diameter	Current %	W/O PS #6 %	W/O PS#6 & PS#2 %
MH-7	MH-6	PVC	400	12	56	35	24
MH-6	MH-5	PVC	283	12	56	35	25
MH-5	MH-4	PVC	295	12	56	35	25
MH-4	MH-3	PVC	100	12	58	37	26
MH-3	MH-2	PVC	66	12	58	37	27
MH-2	MH-1	PVC	44	12	58	37	27
MH-1	PS1	PVC	10	12	58	37	27

Chairman Musto asked what price range for the entire project are we looking at and T & M stated should be no more \$2,000,000 including the engineering. T & M stated they are approach the design phase of the project and would like authorize for this. The next phase is the Preliminary Design for \$42,441.00. Motion by Depew, seconded by Blauvelt to approve T & M Associates, phase 3, Preliminary Design. Motion was unanimous.

T & M also forwarded a review of station #6; SEA station design for 575 EDU's vs. Build out design of 900 EDUS and corrected force main length. Total improvement costs to upgrade the station to 900 EDU; s and for the additional force main length not accounted for in the initial design is estimated at \$81,326. Attorney Smith has been in contact with SEA regarding this.

ATA will continue our meetings on the 3rd Monday at 5:30 p.m. for 2013

OTHER BUSINESS

Chairman Musto stated that Mark Lunquist was able to get the banks to lower the interest rate on the Valley Joint Sewer Authority loans and saved about \$700,000 over a 20-year period. He also did so for Sayre Borough. In addition, Sayre approached Musto to possible talk about capacity being transferred to ATA. Musto will speak to Lunquist about money for ATA project.

After contacting, a well driller to see how much wells would cost to drill for the stations that have city water, so we do not have to put on the backflow preventers at four locations, the quote for the backflow preventers was cheaper. Discussion followed and motion was made by Blauvelt, seconded by Depew to have the city water shut off at Hickory Heights and Industrial Gateway Parkway, when the water company says they are going to turn off the water for not having the backup preventers, let the water company know, we are doing upgrade to #6 and we will do that station then, and have the work done at #2, Kmart. Motion was unanimous.

Meeting recessed into executive session for legal matters at 6:43 p.m. Meeting reconvened at 7:55 p.m.

Secretary Huckabee stated to Blauvelt that she has a list of items that he was given for employment and needed him to come into office and to return the items per the list. He stated he would.

No further business, meeting adjourned at 6:55 p.m.

Respectfully submitted,

Valorie L. Huckabee

Secretary