

Shippensburg Borough Authority Minutes

MAY 10, 2016

7:00 pm

Present:

Michael Pimental (MP)

John Epley (JE)

Forest Myers (FM)

Steve Brenize (SB)

Kerri Burrows (KB)

Louis Larson (LL)

Troy Pomeroy (TP)

Evaggelos Tsambiras (ET)

Charley Myers, PE (CM)

**1. Public Comment:** no public and no members of the press

**2. Consideration to approve special meeting minutes of April 4, 2016**

(TP) motion to approve

(SB) second

(MP) Moved by Mr. Pomeroy seconded by Mr. Brenize, all those in favor, all those in favor consent by saying "aye"

\*\*\*unison "ayes" are heard, those oppose no \*\*\*silence

(MP) motion carries unanimously

**3. Consideration to approve meeting minutes of April 12, 2016**

(SB) so moved

(ET) seconded

(MP) Moved by Mr. Brenize seconded by Mr. Tsambiras any discussion concerning those meetings any corrections or additions? Being none all those in favor consent by saying "aye"

\*\*\*unison "ayes" are heard, any opposition? \*\*\*silence

(MP) motion carries unanimously

**4. Reports:**

**a. Engineer-** (CM) 1. a. Bulk water station permit is at DEP b. the HAA exceedance response he got you information, he said in the report, are you still waiting from stuff from us?

(LL) I haven't seen the action plan, I think we pretty much discuss that and we are doing just about everything, but he was going to write something up.

(CM) I will get that and talk to you about that tomorrow. 2. a. SWCA proposal for that in process. 3. a. Well #2, Andy did talk with DEP and they are working their way through it. 4. a. we received the design comments back. We received the permit. b. the I-81, SR696, the driveway permit on 696 is waiting for the easement and Rowe Rd permit has been submitted, but unfortunately sometime those take longer than rock to form. We did receive the comments from the ENS plan submission that response is anticipated to go in this week.

(MP) Hello? How can we help you Sir?

(MS) I got a letter from you guys and I need to put my complaint with you.

(MP) What group is it that you wish to speak with?

(MS) Shippensburg Borough

(MP) This is the water authority I just want to be sure that you have come to the right place.

(MS) Yes the water authority.

(MP) If you would be so kind as to have a seat and we will get to you as soon as we can, we have entered into our report part of the meeting. So once we get through the reports we will be happy to direct your issue.

(MS) Ok

(CM) 6.a. 7.a.b. 8.a. The two Matrix development lots, I am talking with Andy today we have responded with the engineering comments on those but not with the capacity. 9.a.b. We responded to the NPDES is waiting for the final results of the sampling which has all been done as soon as that comes in we will be able to submit that package.

(MP) okay any questions for our substitute engineer for this evening? Being none, let's move on to our solicitors report.

**b. Solicitor-** (FM) With respect to SCWA I have gotten some documentation from Mr. Flower who is their solicitor regarding their bi laws and corporate articles and so forth. I have requested from the Department of Agriculture as some of you may or may not know. The Department of Agriculture has two loans with SCWA through their rural loan program. They had verbally at least at one point represented to the authority that they were willing to allow the authority to assume those two loans. I don't know any of the specifics of the loans. I think they were 30 year loans. Actually I know they were 30 year loans, but I don't know what interest rate, what the payments would be, is there a prepayment penalty if the authority chose to go that route. So I have requested from the USDA copies of those loan documents and the notes and the mortgages and so forth. With respect to Matrix, John and I received a letter late last week that indicated that Matrix that the flows, that the water demands in the system currently, UBP are adequate to meet their fire flow needs and they see no reason to have increased flows. In addition, I was notified by Mr. Hughes last week that it actually if some of us meet with CVRC and Matrix folks and the whole discussion centered on lot 1 which is the only lot they have approval for water. I was told by Mr. Hughes that actually they intend to develop lot 6 first. But they don't have water for it, now you can shake your head Louis, but I am telling what was told to me, that they are intending to develop lot 6. So, they have no water, when he told me that, I said do you realize that that request was tabled because it needed for information back in January and nothing has been forth coming since then. He said you will have something for your next meeting, I don't see anything on the agenda for that, but in any event, it sort of through a ringer in, because we were sitting here talking about Lot 1 and then now they are saying that is not what is going to get developed. They need the water for Lot 6 but, anyway, just for your information. As far as the Possum Hollow Road easements we are moving forward with them. I did talk to Mr. Johnson out on Sandbank Rd about the Borough's offer. He was more receptive when we sat down and talked, he was supposed to get back to me to let me know where they stood and he hasn't. I called him yesterday to try to make sure he knew we were meeting and I would like to have a report. But he didn't get back to me, I did leave a message. One item that is not on the agenda, but needs to be taken care of tonight, that came late you have in your packet or at your space. Resolution 2016-005 this is a resolution that you need to adopt to facilitate the loan modifications and repayment program with F&M Bank, that you previously took action to accept their offer and with that I would ask that you adopt that resolution if you would. If you have any questions about it I would be happy to answer. Generally it is straight forward that you are going to modify those notes to reduce the interest rate from its current 2.93 down to 2.75, which is what John had pointed out earlier, a savings of \$150,000 over the remaining life of the loan.

(ET) I want to make a motion to approve resolution 2016-005 as written.

(SB) Second

(MP) Moved by Mr. Tsambiras and seconded by Mr. Brenize that we adopt resolution 2016-005 this is a resolution of the Shippensburg Borough Authority Cumberland and Franklin Counties, Pennsylvania and it is authorizing approving modification of the Authority's Series A of 2009 guaranteed water revenue notes number 1 and number 2 by reducing the interest rate, adjusting the fixed rate term, and reducing the variable rater formula and ceiling and authorizing and directing appropriate officers of the authority to take certain actions and to execute certain documents, any discussion concerning the resolution? Being none, let's do the vote.

All those in favor, all those in favor consent by saying "aye"

\*\*\*unison "ayes" are heard, those oppose no \*\*\*silence

(MP) motion carries unanimously

(MP) Let the record show that Ms. Burrows has arrived 7:12pm

(KB) I told Mike I might be late, and I unfortunately was, sorry

(MP) That is quite alright. Mr. Myers anything else, no your honor, no

(MP) Your honor? Geez, ouch. I just wanted to add after listening to what Mr. Myers had to say, just jogging my memory we will be adding an executive session in here further down in our agenda. I added it as number 9. If there is any more to update us on SWCA we will jump to executive session after that.

**c. Water Foreman** (LL) Several things on your table, we received notice that we are going to have to start another 24 month testing period for Cryptosporidium and Giardia. It will run from 24 months the first test will be in October, apparently when the regulation was written, you are required to test every 6 years. And it completely slipped my mind and yes I got the letter and we are due to start scheduling the testing again this year. So we got October, November, December this year and then all of next year and then the first nine months of 2018. We are looking at approximately if the prices haven't gone up, \$1000.00 a test. We have to schedule with the lab, we are going to use the same lab we used last time in upstate New York, and there are only 9 labs in the country, so everything has to be overnighted. This is a raw water test, it has a special way of being taken, it has to be iced down and ice chested and up to them within 24 hours and they do the testing on it. Plan has to be in place by July that will be relatively easy once we contact the lab and get on their calendar because we have to put on the date that we are going to test on that plan and we are allowed three days either side of that date that we can test. This is something that came down from EPA and DEP is enforcing it and it is part of their long term treatment to surface water stuff.

(MP) this is a test of the surface water before it hits our plant?

(LL) yes

(MP) it is raw water before we treat it

(LL) Yes it is raw water

(MP) So do we normally look for these items in the well water before we treat? Okay so we have no idea what we are going to get.

(LL) We did, 6 years ago and we came out clean.

(MP) does it make any sense to do a preemptive check?

(LL) No

(MP) because?

(LL) It is either going to be there or it is not going to be there.

(MP) if it is there

(LL) There is nothing I can do about it

(MP) what will the state say if it is there?

(LL) At the end of the test, they will determine, what they classify as a bin number, just a ranking and there is 4 rankings, 4 bin numbers, whatever your test results are, puts you in one of those bins. Whatever that bin number you end up with, is what you have to do. We are currently I believe in bin 1, which means we have nothing to do because we didn't find any the last time. Not expecting anything to happen to change that this time, but it could.

(MP) so you are telling me this is a test that it doesn't make sense to be proactive about. You simply take the test and deal with the results.

(LL) that is the only way to go about this

(CM) unfortunately yes because there is nothing you can change, once you set the plan, you do the testing and like you said, you get a ranking, the other rankings is where you, will assess treatment that is part of what they issue. If they find it you have to meet certain treatment requirements of the water systems.

(TP) This is only for the water treatment plant

(LL) this only applies for surface water or ground water under the influence of surface water

(MP) Just remind me, were these the issues that gave Dykeman Springs a lot of trouble years ago, I kind of remember the ducks over there and all of that.

(LL) The issue with Dykeman Spring happened in 1997. There was a swift testing and I have not been able to get any good reliable information as to what was involved in that other than it's under the influence of surface water. So therefore it had to have a filter plan on it, the problem with Dykeman Spring is that the water is too clean. So to build a treatment plant there we would have to add dirt to the incoming water, so we could clean it up.

(MP) So we don't need to do anything preemptive with this, we simply need to follow the protocols and if there is giardia in there then we have to change the way we treat our water.

(LL) However it is directed in the, there are different things we may have to do I don't know what they are.

(MP) they don't test after the plant, they test before the plant and if they find giardia do they still test only before the plant?

(LL) Yes

(MP) So you end up putting some sort of pretreatment in.

(LL) If they find it, then you have some other methods that you can use to treat it. Unfortunately Crypto and Giardia are very hard to kill and chlorine is virtually non-effective to them. So we are talking about some sort of UV radiation or Ozone or something like that. Something, that is a very aggressive disinfectant that will either breakdown the internal parts of it and or the external parts, but Chlorine doesn't do it.

(MP) so this is really good test to let us know if we are having some issue that we may be ignorant of, right/

(LL) Well, we have to make an assumption that we ran this test six years ago for two years and we came back without any of these bad things in the water. There isn't any reason to expect a change because nothing has changed up on the reservoir, not to say that they didn't.

(SB) I do have one question on this, so this is something that is dictated based upon the source and to each water user from one source. So we have this expense and Franklin county general authority has this expense.

(LL) no, they do but they have a different expense because it is all based on your number of customers. I did get into a very large discussion with the gentleman from DEP about this and explained to him where the water treatment plant serves. And he says that it doesn't matter, on the reports that I have to fill out, it is based upon total population of the system and that is where we are at. If Franklin County General Authority has a, they are into that next tier, just take a bacteria sample, what happened to them last go around is that they were on their last test and they blew a bacteria sample and then they had to go and do this test.

(SB) so the same source, both paying for tests but we are doing different tests because...

(LL) population of the system

(SB) our system has more people in but the water source doesn't reach all the people in our system?

(CW) They use that as a cue for the types and frequency of testing. Now if you are positive they will look at everybody that takes from that source and probably use that to say..., but that is how they do all their testing. It is the type of source and the number of customers that you serve sets the frequency and the type of testing that you are required to do. It is one of their ways of risk management; I guess you can call it that.

(SB) I understand risk management; I just think that we live in the year 2016 it should make sense

(LL) let's not go there; the second thing on my report is the HAA5 testing is still continuing every two weeks.

John passed out the latest results from the last 4 locations, where we had the other issues.

(MP) I don't see the date on it, am I missing the date?

(KB) I didn't see it either, it says on the 13<sup>th</sup>.

(LL) the 13<sup>th</sup> of April,

(MP) the 13<sup>th</sup> of April was when these samples were taken

(LL) we have not gotten the results back from the 27<sup>th</sup> yet. As you can see they are all well below the numbers that we need, going on with that you also received this one, the notice of violation from DEP and this is based upon the locational running annual average.

(KB) which we expected this

(LL) yes. At the last meeting, there is two ways that you can calculate this thing. One way we were alright the other way we were not. There was no way for me to tell which one DEP was going to use and we now know which method they use. So we are required to send out a notice to the customers there at Roxbury Ridge and then after I do that, I need to send out certification form to the state saying that we did it.

(MP) just that one location, right that one location came right under the wire I presume.

(LL) what's that

(MP) the other locations were cleared

(LL) yes the other locations were below 60.

(MP) so what I don't see here, if it is a running average and it's quarterly, I presume that it is 4 numbers that are being averaged out, and I don't see those four numbers here unless again I am missing them

(LL) Kim, apparently did not put them on this one, she did the last one. But the average is at 66 so we are just over by a little bit, which is .06ths (six hundredths).

(SB) this is only at one location

(LL) yes it is at location 702 and it is because there were two previous tests that were extremely high

(KB) It says annual, so is this annually or quarterly?

(LL) It is based upon the last 4 quarters

(ET) so its annual

(LL) It is an average over, they call it annual, but it is actually 4 quarters,

(KB) 16 months

(LL) 12 months, quarterly is every three months

(MP) So we need to coordinate getting the notice of violation out with a letter from the authority explaining it all so we don't cause alarm. Are we able to provide perspective for the population to understand what this means and how to understand all of the numbers that lead us to this one point. I think it is important that we communicate with the other folks that previously received the original violation plus the follow up letter that we sent. We need to send it out to everybody these folks will get a slightly different version than what everyone else will get. So we will have to coordinate our schedules and get together.

(LL) I would make a recommendation that we try to get this out, not later than the end of next week. We have 30 days from April 28<sup>th</sup>. But I really don't want to wait until May 27<sup>th</sup> to get there, so if we can work it out I would like to get it out not later than end of next week.

(SB) there is a lot of good in here, this number is down and the other ones are gone.

(LL) the other ones are gone, and you have to remember the other ones we violated just that one quarter testing.

(ET) But we must have been violating this for several quarters, to go up with 66 as an average.

(LL) Okay I am trying to remember, there was one that was a .74 and one that was .10 and there was 2 bad tests that actually blew this thing completely out of the water. Next quarter when we test we should be under if the numbers stay the same way as they are staying right now, we shouldn't have a problem.

(FM) Do they require you to do this every quarter that you are over?

(LL) you are required to do every quarter regardless

(FM) No, I mean send out a notice of violation

(LL) actually when we violated it the first time we had to do a plan, we had a big stack of paper work that we had to do, that Dan did and we sent it off to DEP and then, and of course we got violated again then too, but of course that is one of the things we had to do. But the plans that they have are in place, we are meeting our requirements and so we are in good shape as far as that goes, other than the fact that we have to send a notice out. Any other questions on that before I go on? 3. We did install 4 services or 4 taps. 2 residential and 2 commercial, the testing unit that was recommended to us by Rettew is in. I got an email into Dennis and Jason as to okay what do I need for expendables and how am I going to make this thing work. And what tests are we

going to do. This thing does 500-600 different tests a lot of them we currently do in the lab with over equipment. We can do on this machine, not so sure if it as cost effective to use this machine to do those tests. Although the results may be more accurate but the tests that we are doing aren't that bad.

(MS) Excuse me, how much longer is this going to take?

(MP) not too much longer

(MS) You gave me a time of 7:00 and I was here at 7:04. I have things to do you know.

(MP) Yes, sir, I understand that you do. Please allow this gentleman to finish his report and we can get to you then, would that be satisfactory?

(LL) As Charlie said the sampling permits are done for the NPDES permit as soon as we get the results back Rettew can do the report and get that off. 6. Well levels are attached and you can see those. Chlorine system, at Well #3 went down again, it has been partially repaired it is up and partially running, I have the level indicator jury rigged and I am waiting for parts on that so I can actually run it without having to mix chemicals. But it was down completely for almost a week and a half, because when I needed to get parts the warehouse in Texas got flooded with the rains that they had and nobody was there. So I now have parts plus spare parts so if that happens again, and hopefully it shouldn't. This is the same ongoing problem we have had with this thing since 2010. And we are waiting for one more part to come on for the level indicator we believe, I talked to the corporation rep and we did some minor changes in the plant in the panel so that we should take care of the one issue. Which was essentially was, we were burning out two resistors and now we are just waiting on the level indicator for that to be here. It was supposed to be delivered Thursday it was to an address that was not ours. So the UPS driver is trying to track that down and we have been in contact with them and we are getting another one overnighted and it should be here tomorrow. So by tomorrow we should have the other one, the other thing of it fixed and it should be going on. There are some ongoing issues with that we currently have 15,000 hours on the cells, the tech told me that we are really pushing our luck they are usually good for 10,000- 12,000 hours. I am looking into what we would have to do to fix that. They no longer make the current cells that we have so it is going to require a different cell be put in and some modifications to transform the rectifier.

(MP) okay any questions?

(LL) I don't have a cost on that yet. I told you last month about the valve operators out at the water treatment plant on the filter trains and you asked me for a ball park number and I am glad that I didn't give it you. Because it is a lot higher than what I thought it was going to be. It is going to run roughly 18 to 20,000 per train for two operators. We have to change the gear box also, that is complete and installed. So I have got to get that done.

(MP) So it is two trains, is that right?

(LL) There is two filter trains we are concentrating on the one that is in the worse shape right now. And the only thing that I have right now for you is the spreadsheet with consumption on it for the chiller at the University. And this goes back into the minutes, they were approved for 28,000 gallons a day and they paid the EDUs for that and you can see that the first day, which would have been April 19<sup>th</sup> they were at 50,000 gallons and they have had two other days where it was warm and they have been at 22 and 24,000 gallons and it is only going to go up. I mean right now, while it is still cool they aren't using a lot of water, but their number of 28,000 a day is not going to hold water.

(JE) Sorry, the max was 28,000 a day

(LL) Yes that is what they paid their EDUs on, was 28,000

(MP) Okay great thanks for keeping that record that is going to be really important.

(LL) that's everything that I have

(MP) very good, any questions for Mr. Larson? Alright, there being no questions to Mr. Larson let's help our gentleman friend here. Would you be so kind as to give your name here for the record the speaker is here on the table top?

(MS) My name is Mr. Memuna Shamshudin and I have my property at 9716 Molly Pitcher Highway here in Shippensburg. And my concern is this is the second time I am appearing over here for the same issue. The last time I was here was sometime in August of 2014. You guys found a leak at on the main valve to my main meter. When Robert Reed came to do it, I wasn't there present and what he did I have no idea. But my wife was there and she was just going by whoever was there at the time, and your guys were there at the time. He explained to them it was your issue that had been rectified by the borough of Shippensburg. But whoever was present at that time refused that thing and the bill came to me. I paid that bill and matter was solved, this year again the same leakage came back again. Right now my concern is I drew a diagram because when he was there this time, we did on April the 12<sup>th</sup>, he came to do this job again, my concern right now is, from your main shut off valve to the meter, there should be one straight line and I own this property since 1988. Ever since then no work has been done to this thing. Until the year 2013 when you guys dig up that line and increase the pressure of the water this thing has started to create problem now. Right now it is solved, but I don't know what is going to happen tomorrow within a year or not. Because within 15 months same thing occurred again and I am not expecting to pay all this time, money after money, when this issue should be rectified by the borough. I am right now my main concern is from the main shut off line to my meter there should be a straight copper line. Why there is a straight(?) up there and who can answer me that.

(MP) Louis do you have some information to shed some light here?

(LL) The gentleman is correct, when leak tech was in here in 2014, there was a leak found on the service line and it was dug up and repaired. I was there; I believe it was leaking near the corporation stop, which is the main shut off valve at the main. And a piece of copper was spliced in because there is no reason to go all the way back to the meter to make the repair. This time I can't answer to anything that happen this time when it was dug up, I was up in state college when it was found and Rob made the repair and told me about it. He said it was leaking again. Okay. That's fine and he was going to do the repair work as the rules and regulations state, the only thing that the authority maintains is the water main in the street the physical tap on the main and the water meter, the service line from where it connects at the main all the way to the house is the responsibility of the property owner. That is what the rules and regulations say, so that is where it is at. I can't answer for this repair I do know that when it was repaired the last time there was just a piece of copper that was spliced in.

(MS) My question right now is, this is April is the first time I saw what's inside. Okay my question is why there is a split in the middle when there should be one straight copper tube going from your main valve to my meter. Why there is a split between there? And who has done that because I haven't touched that thing. Since 1988 I own this property, I haven't dug until 2013 you guys come and did some work and next year 2014 the problem started and it's again 2016, we have the same problem. And if this keeps on doing I am not here to spend money like this you know because I don't earn money like that you know. Somebody has to rectify this issue, I should not have problem like this.

(SB) What work did we do in 2013?

(MS) I have no idea, there was a patch up on the same thing which is done now

(LL) I believe that the water main split or broke and we had to dig it up and repair the water main. I cannot remember back with everything that has went on. Back to 2013 and at any one particular location, we may and or may not have fixed the service line or had to replace the tap on the main or whatever. I know we were in that area and I know it was early in the morning because it was dark out. And we had to splice in a piece of pipe. Whether we had to make the tap or not and whether we put a splice in because it was different. I don't know. But I do know that when it was leaking in 2014 it was leaking where the service line connects to the corporation stop and the pipe was spliced together. Now, prior to that I don't know.

(KB) He said something about the water pressure

(LL) Water pressure is what it is going to be, in 2012 when we put the tank online at Timber Hill all the residences were sent letters indicating that that was going to happen.

(KB) I don't remember, do we think that that could potentially be

(LL) There has been several leaks out there, they are older service lines because the pressure increased but I would say there is only probably been a handful of them at most, out of everybody that lives from Possum Hollow Rd all the way over to the railroad tracks behind the school. I don't know how many houses are there but there is a whole bunch of them.

(SB) I want to pose a question. If we had a part of one of our mains that a certain section was constantly needing to be repaired, would we advise ourselves to replace that whole line?

(LL) and we did, Roxbury Rd

(SB) okay, and I guess. If your stance on this, is when the pressure increased in 2012 that all of our users are responsible for the line between the main and the meter.

(LL) The main and the house

(SB) and if we had a service line that now for the second time has sprung a leak that more than likely, his entire service line should have been replaced.

(LL) I would say if his concern is a splice in the middle, then yes. The repairs have already been made, the patch that I have seen does not go all the way to the meter pit, so I am assuming that it was just where the splice was or to the splice or whatever, I don't know.

(ET) I have a question for the gentleman. I thought you used the word split.

(MS) I don't know how word, I have drawn a diagram if you want to look at this thing. This is what I found when he dug the whole thing out, okay. And if you can see, from this must be your main shut off valve.

(LL) Yes, right there it is correct

(MS) From here, from what I am assuming from here to here, there should be one copper lines straight going into my meter. Why there is a split over it with the compression couplings? I have no idea.

(ET) this was the pipe that was replaced

(LL) that is why it is there, because the last time it leaked, that's where they cut your main and replaced the piece from here to here

(KB) and where was the leak this time sir?

(MS) the way he explained to me, that this was already there, the first time in 2014 I am talking about, that is where he put this piece again. But it was already there, my question right now is before this thing has happened there should not be a one line, one corporate tube coming out from your main to my meter. Why there was a split in between. He did not put it, it was already there and he had to replace that.

(ET) You are saying that this was this way and it was replaced the same way

(MS) this is just now when I saw in April 2016 I am talking about, this is what I saw and I question him about this, I said why there is a split in the middle? Wouldn't it be one line going straight into my meter? And he says he doesn't know he hasn't done this job. He didn't do this.

(MP) So is this standard normal practice to make repairs in this way?

(LL) yes, if we were to damage the service line, we would go back to where ever we found a good piece of service line and put in a coupling, we are not replacing all, I mean this could be all the way across the street. In this particular case no its not but we don't replace all of it we only replace the damaged portion if we damage it.

(MP) so what you are telling me is that this is standard procedure, that throughout the borough this is the way repairs are made. Is that correct?

(LL) yes, routinely

(MP) so I think the answer to your question is that is the standard way that the repairs are made. The entire line is not replaced, the damaged portion is replaced.

(MS) my question right now is this is the second time between here and here that this thing has happened. And this time he did it for free, because he thought it was his fault. But when he came out he says, I don't know whose fault it is, but I dug it up, I'll fix it up. This is it, if you call me a year later with the same problem, he told me he is not responsible for it. So my concern is within a short period of time I have to call him again, do the

same job. I don't want to do the same thing in a short period of time again, because I am spending money on this thing which I no idea whose responsible for it.

(MP) who is the person that made the repair?

(ET) Mr. Reed

(MP) and Mr. Reed is?

(LL) Rob Reed is a contractor in the area

(MP) He is a private plumber, right a private contractor and in business for himself correct? If you want him to replace the whole line you have got to pay in to replace the whole line.

(MS) Why would I pay him I did not break this thing. My concern is right now when you guys provide us with water there should be a main line, why there is a section of a split in the middle? And that is where the problem is occurring right now.

(SB) so did anybody see, okay, so you are saying that Mr. Reed told you that that's how the pipe looked in 2014 when he dug it up the first time?

(MS) I don't know, I wasn't there

(SB) That's what I am saying, that's what it looked like when he dug it up and fixed this time, that could have been his repair in 2014.

(MS) that's what he did in 2014, it was, okay, he never told me that you need to replace this whole line, when you guys where there in 2014 nobody questioned.

(SB) but he was a private contractor

(LL) we didn't question his repair because it is a standard way of making the repair you only repair the damaged portion of the line.

(MS) My question is right now is, if something happens to this line I should not be held responsible, you guys need to come and fix it and put a brand new line.

(KB) I can tell you what my opinion is, my opinion is that I am still a little confused as to why Rob Reed was fixing pipes but that is beside the point.

(LL) because the service lines are not the responsibility of the authority

(KB) no no no but Rob's not a plumber

(LL) he is a contractor he installs service lines

(KB) and that is who we use, I would say what happened sir, is it looks to me from what I can see happened. You had a leak and whatever it might be, because it was aging line or water pressure increase or a million other factors that could of took place. The line was fixed to the standard that is usually fixed and it appears as though the contractor that fixed it the first time came out again and said I think this was a workmanship error so he repaired it again but did not charge you this time. I don't think it is an issue with the line itself, I think that if the issue, and my view is if the original issue from 2014 would have been fixed adequately or properly He wouldn't have had to come out two weeks ago. If it had leaked at another place in your line

(MS) the coupling that they used you know, it could have been a defective coupling okay.

(SB) But he put the coupling in, we didn't put the coupling in, he put the coupling in

(MS) he put the coupling in; my question right now is why isn't you guys come and split the line and that is where the problems start occurring for everybody. It is not my property only.

(SB) we didn't split the line, your contractor split the line

(MS) he did not split the line it was already there and he just replaced that piece again

(ET) So here again you did not see this in 2014, when he came out and did this, did you see a coupling in there?

(KB) he wasn't there

(MS) I wasn't there

(ET) So we don't know if the coupling was there

(MS) your guys where there and he was there the first time 2014. I wasn't there, my wife was there but she doesn't know anything about this. But this time when it happened I had to take off from work just to be present and see what is happening down there, because within short period of time living since 1988 in this same property, I never had any problems. 2013 came and you dug that line and next year I am having issues with this line. You guys increased the pressure, okay if you increase the pressure there should be some reason. Okay you increase it, why would the property owners be liable when they are having leaks, why increasing the pressure. You guys adopt a thing that the pressure increase should not damage someone's property.

(TP) It wasn't increased above the pipe standards

(MS) how did this thing happen

(KB) well you are just speculating that that is what caused it we don't know that it is what caused it.

(MS) Nobody knows what is causing this thing

(KB) I can tell you that I was on borough council before I was on water authority. I can tell you that a chronic issue that we are having with especially the west end part of town, which is where you and I both live, if I am having his address correct

(LL) he is on the west side of town correct

(KB) so we are having a chronic issue on the west end because we are an old part of town, our infrastructure is substantially aged and so it's been an ongoing issue. Not only with homeowners and service lines but also with the borough and its infrastructure within where we are having more and more issues because frankly the lines are just old and outdated and they are breaking down. And every year we are going to have more homeowners that are having the issue. The borough is going to be having issues with their service line. The water authority is going to be having issues with their service lines just because frankly our infrastructure is aging, especially in the west end part of town.

(MS) Okay what could be the reason is why if the borough had dug that line they could have seen okay this is the thing, okay lets fix this line properly, the owner should not have a problem.

(SB) because that is not what the bi-laws of the SBA state, our regulations state...

(MS) you should have come to the property owner okay you need to do something about this line; my concern is there should not be a split between the main shut off line to my meter. There is a split; I haven't brought any contractor to do like that. Who has done that split?

(SB) Your contractor in 2014 you said that he came and did that split.

(MS) he did the same way, it was already there.

(SB) Did he?

(MS) this thing was there, he just came and did the same way as it was

(SB) and that is what he told you

(MS) I don't know any...

(KB) I think maybe at this point, I mean we understand his issues obviously, and we are not disregarding his issues. I think maybe what might be the best course of action is for somebody to follow up with Mr. Reed and determine what work was done in 2014 and what work was done two weeks ago and what Mr. Reed remembers about the condition of the line when the original work was done in 2014. And I say this because his wife wasn't able to recall and Lord knows if they were fixing my water line sir, I would of looked down there and been like yep, it's a piece of pipe, I wouldn't have had an idea either.

(MS) that is the reason this year, I had to take time off from work, I want to see this because this is the second time within or less than 15 months it happened.

(KB) So why don't we follow up with Mr. Reed, somebody in this authority

(TP) I will talk to him

(KB) and get his information and we can follow up with him and find out what we can find. I think in order for us to have a full understanding we need to know what work was done by Mr. Reed.

(MS) I have his bill over here from the last time. This is what he did.

(LL) I am going to make a copy of that, I will be right back

(MP) If I may sir, let me tell you what I did today. Today I paid my water line service insurance for \$50, which covers you up to \$4000.00 in protection, should your water line break.

(KB) and I have sewer line protection as well for the same thing

(MP) as do I, I have them both. I have always had them on every property I have ever owned. I suggest you are your own guy you do it your own way. I strongly suggest that you get that insurance.

(MS) that's nice but you know from where I come from, what I looked inside I was shocked to see why this s done like this.

(SB) That is why Ms. Burrow's suggestion and Mr. Pomeroy is going to talk to Mr. Reed and find out what the pipe did look like before he worked on it in 2014, because we don't know that.

(KB) at a very minimum we would be able to direct, if there was in fact there was repair previous to 2013 and it appears to have been done, it would have had to been done prior to 1988. So 1988, it makes it almost...

(TP) 26

(KB) yes 26 years, would you believe me if I told you that there are lines still in this borough that are terra cotta, we still have service lines in this borough that are terra cotta.

(MS) I understand you know, I don't want to go through all this problem again

(SB/KB) and we don't want you to

(SB) So what we can do now is get Mr. Pomeroy to speak and we are going to ask him to do that because he is a plumber. So he is going to speak with the contractor and figure out what is going on and somebody will get back to you.

(MP) very good sir

(KB) thank you for coming in

(MS) you will let me know then

(KB) wait, where is your contact...

(ET) there is a cell phone on here, is that yours? 729-7511?

(MS) that is Robert Reeds number

(KB) Troy why don't you get his contact information?

(ET) you want my telephone number? You can call me at the business 532-6312. But I will be there until after 4.

(KB) can you say your last name one more time?

(MS) Shamshudin

(KB) Can you spell it for him?

(SB) it's on the bill

(KB) awesome, thank you sir

(MS) I don't want to get into this if next year something happens, and it's really, we thought something, the water heaters were leaking or what you know, we went from one apartment to the other apartment to find out where it was you know.

(MP) we are all sympathetic to your concern, Mr. Pomeroy is going to check with Mr. Reed and we will get back to you with some more information.

(MS) you said about this \$50, is it annually

(MP) yes sir

(MS) how can I apply for that

(MP) service line warranties

(FM) normally you get a letter, normally these are private companies, the borough authority gets nothing out of it

(KB) nor does the borough

(FM) Nor does the borough, but normally they send out a letter annually and there is more than one of them and they ask you to subscribe to it, it is like an insurance policy

(KB) they used to be on the borough website, John are the companies, I don't want to say the companies that the borough endorses, but the companies that have been in touch with the borough about service line insurance?

(JE) I don't know that Kerri but I can certainly look into it and contact him

(KB) It used to be on the borough website, so when you get home you might want to check there. It used to be on the borough website but then there was some issues with companies complaining that their name wasn't on there and there was all kinds of drama. But there used to be some recommendations.

(MS) so for problem like this one they would come out and take care of it

(KB) absolutely

(MP) they wouldn't take care of it you would hire Mr. Reed and then they will send you a check

(TP) they have their own contractors

(LL) the way that this works is you pay the insurance, you have a problem, they bring out their contractor and he does the work and whatever it is

(ET) the first \$4000 is on the company and anything about \$4000 is what you would pay too

(KB) it's annually too

(FM) it is like an insurance policy too with a limit

(KB) you can do it for electrical lines too

(ET) this wasn't bad

(MS) they bring their contractor because before this thing happened I called Snokes and they wanted about \$4000-\$5000.

(ET) That is why I said it wasn't bad

(MS) I mean when he came this time I saw you know, it is not something, he had the back hoe and everything, it is something he had to go and take the dirt out. I appreciate what he did for me; I just don't want this to happen again.

(KB) we don't want it to happen again either

(TP) hopefully it is taken care of

(KB) you will hear from somebody one way or the other sir

(MS) thank you,

**d.WWTP Manager** (JE) I just wanted you to let you know, besides what Lance has done over here the biggest thing going on is the I&I program that is starting next week on King St. they are hoping to cover roughly 2000 lineal feet an evening, now this will be night time work. There will be a vac and cleaning truck ahead of the camera system, this will create noise. We have done a very serious media blitz as best as we can not only did we notify all the radio stations and Shippensburg info and the newspapers we have also posted multiple properties up and down King St with a letter. So we have done the best we can we are expecting somebody to not be happy about the noise out in the street but it is the best time to do it. It is the least amount of traffic and the company is providing their own traffic control. We believe it is the best time to lower flows in the line at that point.

(KB) Do we know how loud it is going to be, is it going to be fire siren on King St. kind of loud?

(JE) no no

(KB) then we are golden

(JE) no the sound of a back hoe type of sound

(LL) muffled diesel truck

(JE) it would probably similar to snow removal

(KB) or trash truck, which is what they have to deal with every Tuesday, or what I have to deal with

(JE) but the thing is it is a continuous movement; it is not going to sit in one place for 8 hours. It will probably be there for a half hour or so in one location and then they will be moving. It is just not a permanent spot where they are going to be making all this noise so that was the very expensive program that we talked about a few months ago. Also the plant construction continues, myself and Andrea and we took a tour of everything. There is a couple of issues we are going to be talking about next week in a construction meeting dealing with some concrete pourers we don't believe is at the level that it probably should be. Lance has been making serious progress with our bio solids getting it more dry and stackable. He has modified the polymer additives to it. So he is really doing well with that and it pertains to the digester.

(MP) As you dry that flow up, isn't that going to cause different kinds of issues?

(JE) To dry it?

(MP) what I am saying is once you reduce the water, the I&I isn't it going to increase your concentrations

(JE) you mean, if we discover inflow and infiltration

(MP) presume that you are going to discover it

(JE) Yes, I am sure we are going to find a lot of I & I, not if but when

(MP) Your total flow will go down but your concentrations will go up

(JE) I can't speak for that

(SB) well the whole concept with Schreiber with the sewer,

(JE) It very well could, yes yes you are right

(KB) I don't necessarily know if that is necessarily a bad thing, or something that is not the end desire

(MP) all I am saying is that one needs to be aware, I am presuming that you have plans in place to deal with it as the concentrations come up right?

(JE) yes phase 2 will be dealing with the preparer we are looking at the camera system. We are kind of debating whether or not to hire out the I & I program or to just purchase the equipment ourselves. And the equipment that we are looking at if it happens is all a wish list I think at this point. This system you can actually purchase the repair train that goes with it and you can actually repair the I & I immediately as you find it. It is amazing.

(SB) that is pretty sweet

(JE) and obviously there is more of a cost to it, for example, we had the company in a few weeks ago to demo the last of the equipment we did a section of Richwaller from Orange down to King St and we found multiple leaks in that line, especially almost at King St. The one as the machine approached it you could see it looked like Niagara Falls almost, it was completely sheet flowing down into the line. That is a very low area and at one point the machine actually dipped down into the water because of a low area and it had to crawl its way up out of the water. But the one leak they were estimating 30 to 35 gallons a minute just in that one spot. So that is one spot

(LL) it is roughly 50,000- 64,000 gallons a day.

(FM) did they fix it?

(JE) No we didn't have the train hooked up to it but we are still working on how to proceed but the program is going to go out to 2018 at least. DEP is being very flexible on the study; we got flow meters in multiple manholes throughout the borough. The watershed area and different places so it is moving along we are moving forward with finalizing our study, we have worked with the SBA to get the 1.5 million dollars that will be finished soon, I believe next meeting they will be finalizing the documents. Then Forest has sent me documents that council needs to deal with next week, so other than that things are business as usual at the plant. Lance has made some significant leaps and bounds. We did have a medical emergency just so you know. An employee had a health issue that needed medical attention and the ambulance was called. Lance will be picking up the slack him and the rest of the crew, plus bringing the two new employees online within the next few weeks. He had two vacancies, maintenance worker 1 and 2. He had two people accept the offers for

employment. One I believe is starting next week and the other is starting in a few more weeks. This will be a huge help to lance that is the status of the plant. Overall things are going well at the plant.

**e. Secretary** (JE) I have nothing to report Michael.

**5. Presentation by PA Water Works Association (PA-AWWA)** (LL) Brief and we then we will just pull this off of the agenda. A couple of years ago we entered into a partnership for clean water with American Water Works Association and there are several phases and we are still at phase 1 which is data gathering and they look at it and say the plant is operating efficiently or above efficiently or as good as it can get. There was supposed to be a presentation made people from AWWA and DEP could not get their schedules together to be here tonight. DEP wants to be here, it's not necessarily an award, and it's a plaque saying that we met something. (SB) certified

(LL) Well it's not a certification but we have met the standards for this level. And it is an ongoing process.

(SB) so it is a participation award

(MP) can we send that along with our HAA5 results, we will get any bonus points

(LL) and a dollar and a half and I will buy you a cup of coffee at Sheetz

## **6. BUSINESS ITEMS:**

**a. Authorize Booster Project (700-016-316)** (LL) Project was authorized in the budget for the booster station at the Lurgan PRV location. So we decided and talked to everybody to start and get the project moving, it is going to be awhile because it does have to go through the DEP permitting process. They are making a change to the system, so we go that 120 day review process from them once we submit the plans. It is going to require a little bit of property acquisition. We have an easement now for the existing PRV vault we put in at Roxbury Rd but we are going to have to actually acquire some property to build a building. So that is where that is at

(FM) Speaking of that, one day I was out, and I was coming home and there was a pole or something that sticks out of that it was knocked over or fell over.

(LL) remember those strong winds we had several weeks ago. It blew the anchors out of the top of the vault; we had to go out and re-drill it and put bolts all the way through it. It is not going to come down again. So that is what that project is. It is a booster pump station to essentially transfer water from in town out to Roxbury. If need be.

(MP) So you are asking us to create, if I understand you correctly, you are asking us to create a project for this booster with this project number.

(LL) that is the line item in the budget that was approved for the construction of that and in essence I am asking for your authorization to approve that project so we can continue

(SB) so what that does is if something happens at the plant and we can't create water out there, this allows our...

(LL) We can push water all the way to the tank, as it stands right now, if the plant was to go down for any reason, I can open a valve up and push water out. However, Lurgan School has 10lbs of pressure and they go into absolute panic mode because nothing that is automatic works.

(SB) and we would probably have issues with fire protection

(LL) oh yeah, should anything happen to the plant this will be able to transfer water out there and keep the tank full and it will be very similar to the boosters that we currently have like at Well #1. We are basically taking that concept and that's what is going to be there.

(SB) are we also during the design process and while we are doing this and designing this in a way if the plant goes off line permanently that this could still be utilized

(LL) that is the whole theory behind this, we are putting in appropriate size pumps and everything else, in the eventuality that the water plant goes away.

(MP) that is a surface water source and we have seen it before where the state will not let you use it anymore

(LL) and they are going to do something screwy.

(MP) you have no idea what can happen out there

(LL) and the plant is 26 years old and it is showing its age. Basically I am requesting authorization to proceed with this project that is in the budget under that line item

(SB) motion to authorize booster project under budget line item 700-016-316

(KB) second

(MP) moved by Mr. Brenize seconded by Ms. Burrows and I have a question here now. Don't we normally do a project number? Is the project number the same as the line item number?

(LL) The project number is routinely assigned by Rettew, once they get authorization to do it.

(MP) This is the first step we authorize the project they will create their project. Rettew will create their project and then we will have a project number for it. Do you have a question Angelo?

(ET) I was going to ask is this the somewhere around the \$300,000 project

(LL) yes

(MP) Alright it has been properly moved and seconded and there has been some discussion, any further discussion? Being none lets vote. All those in favor, all those in favor consent by saying "aye"

\*\*\*unison "ayes" are heard, those oppose no \*\*\*silence

(MP) motion carries unanimously

#### **b. Request for Restricted Access on Roxbury Road Line**

(FM) these folks have the house when you down the hill and up, they have the first farm house on the right hand side. Years ago before we replaced the Roxbury Rd water line. The water line ran through their field in the back and it came down to the creek and across the creek and then came over into Mongul. When we did the Roxbury Rd project we moved the line out to Roxbury Rd, but down in the bottom of their field there is a little wet land area sort of at the bottom of their property next to the corner of Roxbury Rd and Hickory Run Rd. We went back down and came across the creek at the same place but in any event, over the years we have had an easement across their property to fix the water line because sometimes it broke up in the field or something like that. Well what has happened is we are still using that a little bit but not nearly as much, we still need the easement, but what has happen it has become of, as he says I think, a harboring place for ...

(SB) mudding, dumping, trash, drinking beer, and dealing drugs

(FM) in general doing bad things and he asked if we can put a gate up or a chain or whatever, something to keep people from going on to his property and on our easement. Because that is what they are doing, in order to protect his property and I think we have done it before at other locations when we have had it requested

(SB) that would just be good relations that we have with someone on an easement, if we have a permanent easement from them we should make sure that we don't allow our easement to negatively impact them

(FM) I agree with you, but I don't have the right to make that decision.

(LL) I talked to the gentleman also and I explained to him that this is still his property we just have an easement across his property and what I told him if we put it up we are going to put a lock on it so that it will be a key for us and basically he said he didn't care because they don't go on that property.

(ET) They don't use it

(SB) it says you can keep the key and install some barrier that would prevent access to persons other than the Authority or us, you can keep the key, the letter specifically says

(LL) this only applies to about 300 feet of pipe between Mongul Rd which is the other side of Hickory Run and the stream that is all it applies to, that little piece right there.

(FM) We didn't take the pipe out of his field though.

(LL) no, but it is abandoned

(MP) what would be the practical way that this would get done?

(LL) Well, my thought would be to put two posts and a chain across, now I would have to defer to legal, to Forest as to what the liability issue would be to have just a chain. It is kind of like running a cable you have to

put certain markers on it I am assuming. We could put a gate on it a swing gate, we are talking much more expense. Right, wrong or indifferent I would have to have that billed.

(MP) you would need a contractor to put that in

(LL) Well not necessarily a contractor, but I would have to have the gate built by a contractor and we could probably put that in ourselves.

(JE) What about a metal swinging gate that you can buy at TSC?

(LL) this thing is about 25 - 30 feet wide

(JE) it's that wide, can we barricade and put a small gate.

(LL) we are going to have to have at least a 12 foot access anyway

(JE) My experience with the chain off for a dry hydrant in West Pennsboro, every weekend it was broke off or somebody tried to force their selves under it and pull the pole over it, the gate in my opinion the gate is the best way to go, it maybe a few more bucks but this gentleman is very nice and he is having an issue and I think we need to help him.

(MP) What do you thing the price tag is to do the gate to the better job?

(JE) You can get those galvanized; you crank in the little stubs in a wood post, slide it down on and lock it in there.

(LL) you can get it at Lowes

(KB) john is offering to do it on a Saturday

(TP) the only time you would go back there would be for water breaks right?

(LL) yes that would be the only time we would have to go back there is to turn a valve.

(TP) Why don't we just put big boulders there?

(ET) We would have to move the boulders wouldn't you?

(LL) the line shouldn't break because it is all new

(TP) well if it breaks you will have a back hoe there to move the boulder

(KB) where are you getting boulders at?

(SB) you got boulders?

(KB) the man gets his Christmas tree in the mountains; we just don't have boulders lying around.

(SB) We have some back behind the ash pit we can use.

(LL) John and I will get together and look at the best way to do it, whether it is a wooden post and a swinging gate or a galvanized post and a swinging gate.

(MP) How about you bring your thoughts to the next meeting but be ready to go, because we will probably approve it and then we can get it done immediately

(LL) I don't expect it to be a whole lot of money

(MP) Can you be so kind to get back to these folks and that we received their message and we are trying to the best job.

(LL) Forest knows him better than I do.

(FM) I will get it

(KB) Can I tell you why I am against boulders? Motorcycles and bicycle traffic would still be able to get back there, and if we are having an issue with kids.

(FM) this gentleman is a lawyer for the environmental protection agency in Philadelphia

(MP) is that right

(LL) which is why I would rather have Forest talk to him

(KB) I think we are going to go for a gate then

#### **7. HAA5 Discussion/Update:**

(MP) any further discussion

(LL) no we beat that to death

## **8. Update-Southern Cumberland Water Association**

(FM) No I think with Ed, I would say Ed Goodhart is working on financials, I am taking care of the legal and Rettew is, I am not sure if Dennis told you or not. Did Martin and Martin every get back to him a second time?  
(CM) they didn't indicate that they did, but I will double check

(FM) They will

(LL) we will still have to set up a time with someone from Southern Cumberland and go out and take a look at their facilities

(MP) alright if there is no more discussion concerning that matter; let us slip into executive session at 8:21 pm.

(JE) we are back on at 9:30

(MP) It is now 9:29 according to my internet time here and we have just returned from executive session during which we discussed a contractual matter, no action was taken and I believe no action was taken now during that executive session.

## **9. Financial Review**

### **a. Consideration to approve Shippensburg Borough Invoice for April 2016**

(SB) Motion to approve the invoice and acknowledge the transfer of funds has taken place

(TP) second

(MP) moved by Mr. Brenize and seconded by Mr. Pomeroy any discussions, no discussion

Let's vote all those in favor consent by saying "aye" \*\*\*unison "ayes" are heard

Any opposed No? \*\*\*silence

Motion carries unanimously.

## **10. Any other business**

(MP) Start with you John

(JE) no sir

(MP) Charlie, do you have anything else to add.

(CM) No, I will not belabor you at this time.

(MP) well thank you so much for being here, your contributions were so helpful

(KB) We try to keep our meeting under an hour unless you are here

(SB) I think he enjoys us

(KB) let's be honest, how could he not, we are a great group of people here

(MP) Troy? Kerri? Steve? Angelo? Louis?

(LL) two things the sink hole at King and Queen, was actually a water leak

(KB) Is that why it was closed

(LL) yes, good, bad and ugly. The good side is we got the leak stopped. The bad thing we found a lot of stuff we didn't know we had. We thought there was a T in there, and there is actually an 8" line and another 8" line going across King St towards Sheetz that we have no record of and don't even know where it goes to and don't know what it is connected to

(MP) what is it made of?

(LL) Cast Iron

(MP) Cast iron

(LL) it is one of the older ones, so we have got our part fixed now, we are going to have to let it settle a little bit and then get it paved that is that item so we are done with that. I don't remember if I put this in my report or not, did I say that we had a chemical pump failure at the plant?

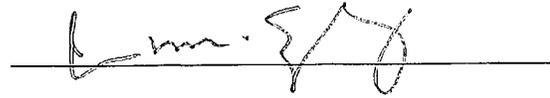
(??) Mmm hmm

(LL) okay, good then I am done

## **11. Adjournment**

(MP) Motion to adjourn,

(SB) motion  
(ET) second  
(MP) Moved Sir, "aye"

A handwritten signature in black ink, appearing to be "L. M. S. J.", written over a horizontal line.

Secretary

Next meeting June 14 2016

BOROUGH OF SHIPPENSBURG

BOARD SBA

DATE 6-14-16

Name

Address

Name	Address
STEVE OLDT	SHIP TOWNSHIP
David Undermuth	Shippensburg Area School District
RA KLIGGE	200 N PRINCE ST, SHIP.