

# SHIPPENSBURG BOROUGH AUTHORITY

DECEMBER 12, 2017

6:00 PM

ROLL CALL
Michael Pimental, Chairman
Steve Brenize, Vice Chairman
Troy Pomeroy, Member
Kerri Burrows, Member
Evaggelos Tsamiras, Member

ROLL CALL
Forest Myers, Solicitor
Dennis Frankmeyer, Retiree
Peggy Miller, Retiree
John Epley, Secretary

## AGENDA

	Page(s)
1. Public Comment	
2. Consideration to approve meeting minutes of November 14, 2017	1-23
3. Reports:	
a. Engineer	
b. Water Dept. Administrator	
c. Solicitor	
d. WWTP Manager	
e. Secretary	
4. Business Items:	
a. Southwood Crossing-Phase II	24-29
b. Southwood Crossing-Phase D-1	24-29
c. Southwood Crossing-Phase D-2	24-29
d. Possum Hollow Road Project Update	
e. Well #4 Project Update	
f. Fluoride Update	
g. Unaccounted For Water	
h. PennDOT Street Projects	
i. Executive Session (Personnel Matters)	
5. Financial Review	
a. Consideration to approve Shippensburg Borough Invoice for November 2017	30-68
6. Any other business	
7. Adjournment	

## NEXT MEETING

January 9, 2018 - 6:00 PM

### Shippensburg Borough Authority Minutes December 12, 2017 6:00 pm

#### Present:

Michael Pimental (MP) Steve Brenize (SB) Troy Pomeroy (TP) Peggy Miller (PM)  
Dennis Hammaker (DH) John Epley (JE) Evaggelos Tsamiras (ET)  
Forest Myers (FM) Kerri Burrows (KB) Brian Kauffman (BK) Ed Goodhart (EG)

#### Absent:

- Public Comment none
- Consideration to approve meeting minutes of November 14, 2017  
(SB) motion to approve  
(KB) second  
(MP) moved by Mr. Brenize seconded by Ms. Burrows, any additions, edits, corrections to the meeting minutes?  
Motion carries unanimously
- Reports
  - Engineer (DH) 1. Well 2, reminder that we intend to bill that next year, authorizing to bid in January, at the latest. Items 2 and 3 are agenda items. 4. Well 1, reminder that in our recommendation coming out of the meeting with SRBC is that you should be thinking about the possibility of moving forward with analysis and preparation of the aquifer test waiver in early 2018. 5 Well 3, we submitted an application with DEP to convert from the onsite generation to the hauled hypochlorite on Nov 13<sup>th</sup>, and on Nov 30<sup>th</sup> we received a reply back from DEP that the application was administratively complete, that means that they have an automatic time clock that kicks in and they would have to give us a decision on the permit within 60 days of the Nov 30<sup>th</sup>. So by the end of January you should have a permit for that, I would anticipate. So no more effort to move that forward.  
(MP) I have a question on item 4, Well 1 SRBC renewal. You say early 2018, can you be a little bit more specific, and when do you think we should do something on this?  
(DH) Jan, Feb, just so we have a timeline of what it would take to get, you know we are going to ask for a waiver of having to do a new aquifer test, because that is expensive for you to do. We want to get that into them sometime next year. And then so they can give you a response as to yes or no, whether you have to do it or not, and it is still in time if you have to do the aquifer test, you still have time to do it and have that in time to make the date for the renewal, which is 2020, as I recall.  
(PM) yes  
(DH) we are still two years out from the renewal, the deadline for the renewal date but because of the amount of time it takes to get things done and also their review time, we are just recommending that you get started on that, so that it does not become a big crisis at the end  
(MP) So that will back on your report for the next meeting in January?  
(DH) I will also remind you that if you decide that you want us to do that we can get you a proposal to do that work. Brendan can do it.  
(MP) just have it be a refresh item for us, and then we can take action and make sure that things are happening before Spring gets here  
(DH) that is why it is left on here, because it is something that we need to do at some point.  
(MP) thank you,
  - Water Dept. Administrator (PM) 1. Water System-General- a. FPPE site.no update b. leaks. Since I prepared this report last week, we have had 2 more leaks and I additional service leak. I have a feeling that this could be a leaky year, no pun intended. We have had a dry and warm October, which is priming us. We

now have cold temperatures and dry so far this winter. I have a feeling that we could have some healing and some more line breaks. Just wanted to make you aware of that. c. unaccounted for water. Several of the leaks that we encountered since the last meeting, were significant volume. And in both instances the leaks were noticed not because they were surfacing but because of the depressional areas around the leaks. And as we dug these and they originally thought ohh, it is a service lateral leak. And as we uncovered and excavated these we found otherwise and they were pretty significant leaks. Because of the limestone formation, we have a lot of sinkholes. And a large amount of water was going right in these sinkholes. I think one was underneath a road, I think one was on the side of the road. We have never ever seen it, and my concern is that this continuing to go on, but it is going down instead of up. So when we talk about unaccounted for water, I think as we continue to make progress, and we will make progress there is always going to be in this area an issue of sink holes and do we have a problem with a water leak and where is the water going. We had a leak today, just across from the public works building going to the old incinerator area that was noticed yesterday. As they excavated it, nothing, and then rather than excavate all the way up the hill, we are going to try and sound it to find out exactly where it is at. I feel certain that that water is going down. So we don't know how long that has been occurring. As we get into leaks and unaccounted for water, I am not trying to be the bearer of bad news, I just simply trying to educate you and make you aware that this is happening and it is happening frequently. We had an issue outside on Walnut Bottom Rd. I think you guys probably saw the frustrated email from me and I apologize. There was a storm water retention pond right on top of the water line.  
(FM) the thing that bothers me about the email is that water line was run when there was nothing between the entrance from Walmart and Lowes, and the Best Western. That was the purpose of that line when it was run. There was no development in that area, the only other building was the old stone farm house. I guess your email pointed out the fact that somebody, Shippensburg Township authorized the construction of the retention, or storm water basin of some sort right over that. Anybody would have known where that water line was, it was obvious  
(PM) well, there is a hydrant here on the corner and there is a hydrant up there.  
(FM) who created the storm water retention basin?  
(PM) Lobar  
(FM) but for who?  
(PM) for the development, Lobar  
(FM) what development? The church? The health care center?  
(PM) I haven't dug that far back, I let it go because I had two very significant conversations with Steve Oldt. The first of which I said how could you ever let this happen?  
(SB) that wasn't created after they first finished up Wal-Mart and realized it the first time it flooded at Walmart and they had to revamp stuff  
(FM) no that wouldn't have anything to do with it  
(PM) it is past Wal-Mart  
(SB) I know, but the way water flows and when Wal-Mart first went in, the first couple of times it rained at all, it flooded, and then they redid stuff.  
(ET) I think my wife, she was on the planning commission when that happen, I don't think she was there for Wal-Mart.  
(KB) planning commission for what?  
(ET) Shippensburg Township  
(PM) if you look at this, it is out farther and if you look at the retention basin itself there is the entrance to get into 127 which is Blue Line and there is a road coming in and there are three pipes coming across that road that dump into this pond. And then the entrance below that, which is the Church, there is one coming off and dumping into that. So there are four large pipes dumping into this very small basin. I talked to Lobar because somehow Lobar is involved in the ownership with that. They were involved with the original, three tracts they

own and they developed them. They apparently still own 127 which is where the basin is on. I asked them, how could you ever build a pond on top of a waterline? I did not get an answer, and I asked Steve Oldt and I got this. He is blaming Penn Dot, now I could know how Penn Dot could have done that, but the bottom line is what has occurred out there is a band aid. I talked to the guys as they were repairing it and putting the flow able fill in and we had a very good conversation. And the problem is we have a basin that is acting like a basin and collecting a lot of water and we have a big riff raff and they have all kind of stone out there that is starting to erode, we are getting sink holes, and about 3 feet underneath is the fabric, which is doing what it is supposed to do, holding water and letting it pass through. That may be allowing the water to go a little bit too fast and as the water is coming down through the fabric, we have a pipe underneath that used to have a stone bed under it. The stone bed got washed away from the water coming down through the retention pond and underneath heading towards the edge of the retention pond towards the road we had two very large sink holes. This is not a SBA created caused issue; there was not drop of water out there, because initially they tried to blame it as a leaky pipe. And if it is a leaky pipe and a water break show me the water, and there was no water to be shown. It was as dry as a bone, and there are sink holes all over that retention, there were six sink holes away from the water line. So it is not a water line issue, but I think as long as water continues and is allowed to go in there and of course it will be, it is a detention pond. And it continues to filter and go down through the fabric it is going to continue to create an issue with that line. And probably in how ever many years somebody is going to say oh my gosh, there is an exposed water line in the bottom of the retention pond. So that is one of the things that lead me to have this email, to say how can we stop this, this is ridiculous. How can we communicate? We provide service to Shippensburg Township as well as other municipalities what can we do to make them more aware of what is going on, and how to forget about the past and how can we make this better going forward? I apologize for getting off track; I will stick to my report.

(MP) that's okay, let follow up with that, we all met with CVRDC and afterwards Peggy filled me in on this. John had a really good idea which was, why don't we start with John contacting his peers at the township offices and see if we can't get them to sign on to some organized system. Where a plan does not get fully approved until we sign off on it. So once before we talked about this, we talked about a stamp. So John will take the initiative on that and talk to them and see if he can't get that done peer to peer. If that fails then we are going to have to try talking to township supervisors and if that fails, we are going to send Forest in. So there are two parts to the questions. One is, what do we do about going forward in the future. But the second thing is what do we do about this existing line that was put in incorrectly either by the SBA or our colleagues

(FM) it was put in actually by SBA it was one of the few lines in this system that was ever put in by the SBA, because Best Western needed water and nobody else was willing to pay for it. So the SBA at the time decided that they would foot the bill and spend the money to put the line in. Now what can you do? I think first you need to know whether or not they modified the land topography when they built this basin. My feeling is whoever was digging in that area would have had to call in a PA 1 call. Presumably we would have told them that there was a water line there.

(PM) Shouldn't there be an easement?

(FM) I am not sure we have an easement because I think it is on the Right of Way with Penn Dot. I think that is how that worked, but I can go back and check that. But the point is, even without an easement, if it is in the Penn Dot right of way, somebody if they were digging should have known where the line was by virtue of a PA1. You would have thought if they excavated that like I think they did they came awfully close to hitting the pipe when they were digging. From the pictures you showed there was not much cover over the pipe.

(PM) a lot of it is eroded,

(JE) and it was within the basin, so somebody knew it was there

(FM) we have to back track to find out who actually did the physical work and then follow up with them

(MP) is it the person that did the physical work or the township that approved the work should be done in that manner.

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(DH) yes, if you are saying that there is less than 3 feet of cover on it, there is at least a freezing potential. Certainly if the area continues to erode and deteriorate there is a chance that the water line could fail depending upon how straight it is and some other things, if it is not protected there is a possibility of freezing.

(MP) so the next step for us is to ascertain who put it in there and then who put the detention line on top of it.

(JE) I think that getting a copy of the Land Development Plan for this project should be the next step, to see if the line was even on the plan for the design. In my opinion it looks like it was a shift, probably because they hit rock, so the probably shifted the basin. I have seen that happen on job sites in my past career. Judging by the amount of cover on the pipe on the pictures that Peggy provided there is barely stone on top of it, let alone any ground cover. They had to have known it was there.

(TP) did we repair it?

(PM) no absolutely not, they wanted us to

(ET) who is they?

(PM) Lobar

(FM) they are a contractor

(SB) HMA of Carlisle owns it,

(PM) somehow Lobar is involved in it, because the person who called me from Lobar originally talked to me about 2001 when they Lobar installed it. And told me that periodically they have been out to repair the basin for sink holes and so who called them? How they became aware? I have no idea. I did not ask those questions.

(SB) is that our 12" line or is that the other 6" line that is out there

(PM) it is the 12" line

(SB) well there is a 6" line out there too, on our master map it shows a 6" line right here, and then goes there. In that area there is a 6" line, and a 12" line

(PM) it is the 12" line

(FM) I am not sure where the 6" line came from

(SB) I don't know it goes back to harness

(PM) oh that is there later, probably for their fire protection

(MP) so we have established that the integrity of the line is in jeopardy that we are going to have to get some remediation. John you are going to have to pull the plan on that so can find out

(JE) we can see if Steve Oldt has one on file, which he should

(FM) you may be able to get a copy from the courthouse

(PM) that would be great

(MP) okay Forest, how about you do that. Let's dig into this, how fast do you think we should move on this?

(FM) here is what happened I asked them to stabilize the water line and putting dirt in. Is not stabilizing the water line. So they poured flow able fill around it, which should give it some structure. That is buying a little bit of time, as opposed to finding a permanent solution. So does this have to be acted upon today or tomorrow to resolve it, no. We do have time, they did the best that they could to try and build up that bank to cover it, to the best extent possible. I don't think we are in danger of any issues right now, I think we bought ourselves time. So it would be my opinion that we do the research and have a really good time line of who did what and when and how we came to where we are at right now. Then have a discussion on, who needs to fix this thing and what is the best way to fix it.

(MP) so let me just ask a clarifying question. So winter is coming, are we safe, do you think until Spring?

(DH) the biggest problem that I am seeing over there is that is a dead end line. At night at the coldest time of the day it has no water running through it, so normally if you have a shallow line like this the saving grace is that there is water running through it all the time and it won't freeze

(PM) there is water flowing out there; there is the elder care facility above that

(DH) well there are limited users and it is not looped, there are going to be times when there is very little water flowing through there late at night and as shallow as that is, the ground around there is going to freeze. In a

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(FM) I think it is the physical work and the developer,

(ET) wouldn't there be engineers involved with that kind of project?

(DH) there should have been a design PA 1 call to identify all the utilities on the property. A lot of this depends whether or not the line is an easement or in the right of way. But in any case theoretically we have the right to be where we are. The engineer and the developer who designed and built the basin should have identified that the water line was there before they even finished the design

(FM) the question would be, the issue would be, and who is going to correct the problem moreover, secondly how are you going to correct the problem? Because now you have a water line that has less than adequate cover, which may or may not end up resulting in freezing.

(DH) exactly, the two obvious ways to fix it are obviously to modify the basin, and provide the cover over the water line. That is probably the most expensive. If you start putting fill in over the water line you reduce the volume of the detention basin and then they have to provide more detention somewhere to make up for that.

(FM) my thought was can the detention basin be modified to allow it to go back to where it should have been in the first place

(DH) that is one option for sure

(PM) I don't want to belabor our discussion, but when I walked out there and saw the property. My gut reaction was somebody put it here because this is the only place on the property that is not constructed. In other words this was the only place that the detention basin could go and that is why it is there. That was my gut reaction.

(FM) the property, if you just bear with me so that I have a better picture of it, you go by the stone house and the Shippensburg Health Care Center and then there is a vacant lot and then there is a church, Best Western then what used to be the Medical Center and then Elmcraft.

(PM) right it is that old medical center building, it is called Blue Line

(SB) where is the basin in relation to Blue Line?

(PM) right between the edge of the parking lot and the edge of Rte. 174.

(ET) so it is in front of the property

(PM) that may have not been our original line that may have been whoever built that medical center and Elmcraft extended that line.

(PM) no, I asked Darryl and Darryl said that was all done at one time, and they did not extend that. He said that SBA brought the line out to the light at Conestoga Drive, and then as you go out from that to where it terminates out further on Walnut Bottom

(FM) we brought the line the whole way out to Best Western

(PM) the authority did that? He thought that part from Conestoga out was contracted

(FM) no we put it the whole way out there

(PM) okay

(FM) they may have used a contractor but it was our money, it was to Best Western that is why I am wondering if it went beyond there, my recollection is that we stopped at the Best Western. The SBA project if you will, it stopped at the Best Western and then anything beyond that was built by...

(SB) it would be Carlisle HMA Inc., they owned it and still own it

(ET) the Best Western is before the medical center so they had to extend it somehow.

(FM) whoever built Carlisle HMA and Elmcraft one of those two extended it, and not the SBA

(ET) there is a building back behind there too, that does some kind of wiring

(MP) for the record, let me just ask the question, Dennis and Peggy. So I know you haven't seen it yourself Dennis, but you have seen the evidence that we have here. Would you say because of the placement of the line and the retention basin, that the integrity of our water line and the security of our water line is threatened? Is that a correct and fair statement?

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cold winter you are going to have frost depth a couple of feet. There is the danger of that line freezing this winter, I would think.

(MP) so we are at risk, that potentially that line could freeze this winter

(DH) it is possible

(MP) in which case all of that goes onto the responsibility of who created this problem.

(FM) that creates another issue, because if that line breaks and Elmcraft would be out of water.

(PM) the line is right here, and you can't really see the toe of the slope.

(KB) Were is the line exposed at on the bank?

(PM) it was exposed all the way down in here, it was covered up and now there is flow able fill around it and it is covered with a good three feet of fill on top of it, but some of that is the stone that is on there they did bring in more stone and put that on.

(DH) there is 3 feet cover on it?

(PM) I do believe we have approximately 3 feet

(DH) well that is not so bad then, I was under the impression that it was less than a foot or so

(SB) where is the closest storm water drain there?

(PM) everything drains into that basin

(SB) and then doesn't go anywhere

(FM) it goes down, you have one here and then the access road, and then there are three pipes.

(MP) Thank you Peggy for getting them to put the flow able fill in there and covering it up. That is a good short term remedy. We are going to have to start digging this, I don't know if this will become an agenda item but it will certainly be in your report and we will keep this conversation going.

(PM) the next item I would like to talk about is our d. in town storage tank as you all know that we had a leak, we had the dive company come in an attempt to repair it, and they were able to repair part of it. But it is still leaking, the tank supplier, Mid-Atlantic Storage came out at the end of November and took a look at it and said that the tank does need to be drained to be properly repaired. What that is, that tank is our largest storage tank and it feeds the majority of the down area. So we staff, have been working on coming up with a plan when do we take this down, when is the best time to take it down, how do we keep everybody happy. Our two biggest customers that would be affected would be Schreiber Foods and Shippensburg University. I have talked to Schreiber they are not having any extended time down at the holidays at all. They have a day and a half off over the holidays; they want us to do this on a weekend. We can't do it on a weekend, we can't drain a million and a half gallon tank have it dry and do the repair, three days for dry cure or 4 days for wet cure. Wet cure means that you can operate it. Get your tests, get it analyzed, and get it to DEP, that all can't be done in a day and a half on the weekend. So Schreiber we are working with, to be able to get them water. We can get them water, but will they have the pressure that they have now, I don't know. They are aware of it; I have talked to them every week, sometimes twice a week. So we would like to do this while the University is out on break. Monday is there last day and then they come back into session on the 22<sup>nd</sup>. We are looking at taking this and doing the repair on Monday January 8<sup>th</sup>, I have sat down with Rick Kelley, I have done a worst case scenario, it will be back online on the 18<sup>th</sup> that is still before the University comes back in on the 22<sup>nd</sup>. So we believe that by taking it down that early in January that we can do this, DEP has been very cooperative with us on this and I hope their cooperation continues. That is where we are at with that tank.

(SB) can we get an emergency allotment from the reservoir? To basically push water further into this way to compensate for the fact that we are not going to have...

(PM) we are going to use Timber Hill Tank, that 16" water line that is going around now is going to help resolve all that. We are looking at our valve plan and how we are going to open valves, close valves. Which brings up the next topic I want to talk to you about, we will be sending bills out in the next two to three weeks. I would like to put a little notice on the folks who are going to be affected in this area. I don't know exactly what to say but we are doing maintenance of our In Town Tank from this time to this time you may notice a slight reduction in

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pressure, air in the line, etc. We will put it on the website, but rather than do a mailing like we did when we took the water plant down, we mailed out 75 letters. I don't think we want to mail out 400-500 or 600 letters, I think we can put it on the water bill.

(FM) what part to the system will it affect? In general, the whole west end, the whole center of town?

(PM) you have the Cleversburg Tank, the tanks out in that area, but this really feeds the majority from South of the Borough right on up through. So, I also spoke to Randy O'Donnell to let him know, and he has asked if we can provide some kind of an estimate of what we think our lowest pressure might be on the water, so I will get that to him. I am hoping that we are closing all the loops that need to be closed. My only concern is any kind of weather related incident because the access drive getting up to that tank is not user friendly if we have ice or a foot of snow.

(FM) how long does it take to drain a million and a half tank?

(PM) a very long time we actually started lowering the level right now, because you can't just open a valve and let it rip, we are not blowing this off, we are not losing this water, we are going to keep it in the system. We are slowing trying to bring it down now. It takes a long time to do that, it takes longer than a week if you want to slowly lower it

(ET) you aren't putting water in it now

(PM) we are putting water in it, because you have to keep it circulating otherwise

(KB) it would be stale water

(PM) yes, what we have done is we are putting in 60% and we are taking out 80%, I will keep you posted, I think at our next meeting we will be right in the thick of it. e. SCADA updates, I have nothing to talk about except in relation to Well 2, we need to sit down with your SCADA contractor very soon to talk about how Well 2 will integrate into the SCADA system. F. nothing more to talk about, when we replace the 4" line with the 8" line those valves will have to be replaced. We have two other valves in that area that we believe need to be replaced as well. G. I have given you the November usages for Schreiber and Shippensburg Chiller. SU Chiller continues to concern me but they are down for the month of November they only used what was expected. I hope at the January meeting I hope to be able to give you the entire 2017 year, quarter by quarter and I think it is going to be really close. I think they may actually exceed what we are giving them based on quarterly, the way they get it. So we may be coming to terms with this sooner rather than later. h. Lindsay Lot Road, I did send an email out, and what I would like to talk to you about that, what I was hoping to do with that line. The new line was supposed to replace the old line. The old line goes right up through the quarry and I have a lot of concerns about that old line. I am not sure if we can phase that out, because the way connections are made to it. I am not giving up hope on that because I think it is ridiculous to maintain two lines that are almost a couple hundred yards from each other. There are issues there, I did meet with Greg Willy on the 5<sup>th</sup> of December, and we drove the site. We talked about the site and Forest do you know if we have easements for that water line, out through the Quarry property line? Can you check on that?

(FM) the old one

(PM) he did not know and he has been there for a while, if there were easements, and this is why I am asking.

(FM) I would tell you that I don't know either because that line has been there longer than Shippensburg has existed,

(PM) if that property is being sold and our water line is on there and we need to continue to keep it active, even if it is 5 years or 10 years. We need to protect ourselves by having an appropriate easement, and I think it is simplest to do that now with New Enterprise. The new buyer intends to build a reclamation facility and our water line comes through there and we have a lateral that goes up to the farm house up there. So lots of things to be concerned about, there are two other houses on the quarry property that have been abandoned, so those are not an issue. But the Mannino property which is actually on White Church Road has a very long lateral (FM) is it White Church Road?

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(PM) could show you over there, his lateral is over 2200 feet in length and it is plastic and it is probably older than I am. So talk about water that is unaccounted for and it's not coming up its going down, because you are in sandstone, where is the water going to go, it is going to go down. His meter is actually back along his house and not out in front. So the best thing would be is if he would drill his own well. But I don't he is in a position to do that, because why would he do that. I am simply asking does anybody know this gentleman.

(FM) I am trying to think, where is it on White Church Road? Because the old line came down out of the... Are you sure it is not Lindsay Lot Road?

(ET) you think his address is White Church Rd?

(PM) the line comes right on the edge of the quarry.

(MP) give me the worst case scenario out there

(PM) the worst case scenario is the new owner comes in and we have a lot of difficulties with the new owner. The new owner wants to come in and wipe this section of the bank out and put a reclamation facility in here and build a new road. Our water line crosses this and comes like this, the old water line. We have a lateral that crosses the stream in here and goes up the hill to this guy. He is the only active line up here right now the other houses are no longer being used.

(SB) but they are going to buy that house and tear it down

(PM) they are buying all that property, the entire New Enterprise tract out there.

(FM) that was the Old Mac Donald Orchards

(DH) if they are buying those properties than the water service to that house, if they disturb than it's their issue. I want to know along with the Mannino's service, what is the distance between the old line and new line in that area

(PM) I do not know

(DH) one option would be just to extend that water service from the new line over to where it connects to the new line

(PM) but it would go through several properties not owned by the authority to do that, which is part of the issue (SB) or you T the old line, you abandon the old line up and to his place and then feed him off the tower.

(TP) not enough turnover

(SB) no?

(ET) you said that he has a White Church address,

(SB) so that line would not be moving so his water would be stagnant

(PM) it doesn't come out that far to him, it is really strange.

(DH) you can look at getting an easement across from the other properties and just extend their water service and then move the meter to the new line.

(MP) so tell me again what is the worst case scenario here

(PM) a new buyer comes in and knocks that bank down and first of all we have no easements, and I have a concern about that. I would imagine and I wouldn't even begin to practice law, but we would have so type of right by use because...

(FM) we have "easements by implications" and that is mostly to be frank about it, as I have worked with this system most of the really old lines, there were no easements granted. Nobody went out like we did on Possum Hollow Road and had it surveyed and a map, and said sign here. It was like a verbal agreement, you want to run a water line through my property, go ahead a run a water line.

(MP) this sounds like a complex issue and no easy answers, so how about we create a mini committee to deal with it and try to bring some sensible recommendations to us.

(PM) this is a multi-year problem to figure out to fix, my first concern is easements, if the property is being sold, then we are covered

(FM) I would agree with Peggy, given the fact the property is now going to be sold, it would be in the best interest of the SBA to identify the line and acquire an easement. New Enterprise Stone and Lime have always

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been cooperative with us. Given the fact that they are selling the property and they have to deal with somebody else, the other one may say that they don't want to give an easement.

(PM) the other one has asked a lot of questions which has spurred them to come to us.

(FM) we would be well served as an authority to get an easement whether we keep it long term is another issue, but at least it would be identified, it is on there and it is recorded and so forth

(MP) so your recommendation is that we seek an easement as soon as possible, is that what you are saying?

(FM) I would say, identify the line, the location of the line, I don't know if we need to get a survey of it, even though that would be ideal. To survey at least the location of the line, and then you could say a 20 ft. easement of the center line which is located here.

(TP) how far is it from the Well to the old pipe, from Well 2

(PM) it comes out behind all those houses and goes in the back yard of the houses on Lindsay Lot Rd.

(FM) how close is it? It has got to be pretty close to Well 2

(PM) here is Well 2, so very close to each other, the orange shows the old line, purple is the new line, they split and come back

(MP) so immediately let's work on the easement, and then longer term, we will look at Peggy and John and somebody here care to work with them and hash this out?

(SB) I will work on it

(MP) thank you Steve, so Steve will get with you folks and make a time to get together and see what kind of recommendations you come up with that are sensible.

(PM) next item is i. Penn Dot street projects that rolling right along. 1. Rte. 533 Morris Street, we need to replace 450 feet of that 4 inch line.

(ET) when was the last time that line was upgraded?

(PM) I don't know, it is a 4" line and they haven't put 4" lines in, in over 30 years, 20 years.

(FM) I doubt it has ever been upgraded, I believe it might be the original line

(PM) this is coming up very quickly and if the authority wants to replace it and take action then that means it does need to occur soon

(MP) I think we need to take a look at what it is going to cost and make a decision on whether or not we are going to go forward on that. So Penn Dot street items are one of our agenda items, so if we are going to take an action we will do it there.

(PM) moving along, 2. DEP a. CACP 2016 #4 and final payment is due by December 30<sup>th</sup>. b. we have executed the 2017 CACP that will be due at the end of March. c. Well 2 d. LT2 crypto sampling we collected a sample today for that. e. HAA5 will not be due until Feb of 2018. f. GVVTP nothing new to report there. g. NPDES permit nothing new on that. h. SWPPP no update. 3. EPA UCMR4 that starts in April 2018 a. we collected 6 quotes from laboratories to do this work. We are looking at going with the low bid, not just because they are the low bid, but we believe that they provide a very good value and understanding of what we need to do. That particular laboratory is also certified in the state of Pa for HAA5s which are a part of this EPA program. THMs which are a part of the EPA program and bromide which is a part of the EPA program. DEP and EPA have a memorandum of understanding that if you use a laboratory that is certified to do both, you do not need to collect two separate samples, you may collect one sample and have it count for the two programs that will save us about \$5,000 so we intend to do that. 4. Water System Facilities. a. Operating levels are holding well. b. I talked to already in length about Lindsay Lot and Well 2. c. Well 3 is holding fine and Michael and I met with Dr. Feeney to discuss some issues with that, some potential what his recall of what happened during the drilling of Well 3 and what if any are the other possibilities in that area. d. Since the last meeting we have received our record drawings for Rowe Road. So we will close that project out. e. no update on Shively Motors f. fluoride is an agenda item.

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(SB) on that I actually, it was weird it was Thanksgiving and we were having the Thanksgiving community meal and I ran into an engineer and they are actually working on that bridge. There are going to be doing something on that bridge, so somebody should be contacting us for a PA 1 call on everything for that bridge

(PM) who was that?

(SB) Jeremiah Greenland I am not sure what firm he works with

(MP) I also had a conversation about the same time with some folks who said they saw the Rettew Engineer out there

(PM) can you send me what firm he is with, 5. Developments you have the latest sheet, the only thing that I have to tell you on that of any significance would be, Scott Bert has called me about the Byers Farm and they intend to submit plans for that. That is up there at UBP, that is the next farm abutting that and I expect to get those plans in the next 30 days. They are eager to move on that. The other thing I would like to tell you is regarding Hoffman Mills, they have paid their fee, their tapping fees so they are moving along as well. I believe that is primarily it, I have two items that unfortunately or fortunately occurred since then. Let's do the easy one first. h. Surplus Equipment, we have done some upgrades and replacements with meters and pumps and things like that with in the last year or so and we are developing a lot of surplus equipment and we also have historical stuff, that has been out there. Apparently we had a flood at one of the Wells and the pressure tanks were ruined and we have these big steel tanks. We have a lot of stuff, pumps, Motors, old flow meters, old valves that would be really nice to get rid of. Some of them are functional, some moderately functional some that need to go to the scrap yard. How do we, and how can we get rid of this and what is the appropriate way to do it? if it is functional I assume we put it out for municipal bid, if it is nonfunctional and can be taken out to the scrap yard to get money are we permitted to do that.

(MP) what would prevent us from just hauling it away?

(FM) you mean scrap that has no value?

(PM) if it is no longer functional

(FM) if it has no value you don't need to have an action you can just dispose of it

(SB) I think what happens is if it is something of value you just can't give it to somebody, there has to be a process to get rid of it.

(PM) those old pumps that are 27 years old, that still function, but who the heck would want them because you cannot buy spare parts and someone is interested

(JE) the borough has a policy on getting rid of equipment, or used items that you don't use anymore. We also have for disposal of vehicles. There is an attempt to sell it, I believe we advertise it somehow, for sale we also have other recourses that we can participate in on a municipal sale

(SB) online bidding

(JE) yes, online bidding, I believe that there is a set amount that triggers that type of activity, that if there is a value, I can research that. We did it at the waste water treatment plant a year or so ago, there was excess scraps from construction, like pipe and metal. I believe ultimately it went to the scrap yard; we got a few bucks for it. So there was some value to it

(SB) there is a lot of leeway in there; I know that Chambersburg School District and Chambersburg Borough like all their old electronics my old employer would just pick them up, there was no bidding process. They would call him and he would pick it up and take it away in a van and they are gone.

(JE) I would think the things you are describing are very old items and we could load them up and take them to the scrap yard and weigh it to get a couple of bucks out of it.

(FM) a motor would have a lot of copper in it, so that might have value

(JE) well they would know it at the scrap yard, we will come back with an answer on that, but I think it is a pretty simple solution.

(PM) the other item I have is yesterday, as you know we are purchasing, we have to purchase a new system for our automatic meter readers, because they are no longer supporting the old system. With that, that is a

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radio read we have a separate radio read frequency and I will be perfectly honest, FCC requirements and leases with the FCC is not my thing. So I talked to Nicole about this today and apparently the Borough and the Water Authority has a FCC lease person who has acquired or reviews these or something. So she is going to discuss this with them but in order for us to operate at the frequency of our new radio read system we have to have a lease in place. So I am happy to send this out to everyone but I am not recommending signing anything tonight. My only concern is if we wait until the January meeting, that we need to have that system in place now. I would ask for thoughts on having this approved subject to your FCC lease person and Nicole providing

(SB) are we talking about as part of the lease that there is some kind of financial obligation incurred (PM) there is no mention of financial in here at all (FM) who is it, is it the FCC

(PM) FCC notification for spectrum manager lease, owner disclosure, I will send it out (JE) so do we need to ask the authority to approve it contingent upon us finding out information and then allowing staff to execute the agreement or have Michael to come in to sign it.

(PM) that is what I am thinking if it is found to be acceptable by your FCC person, because we do have other FCC licenses for the police radios, for our towers at the water tanks, and for the existing radio read. So we do have something in place.

(MP) I think pending a review by Forest and then the FCC person who ever that is, if there are all onboard and you folks all think it makes sense then yes, then just get it done. I can come in to sign if you need me to.

(JE) do we need any action from the board or can we authorize Michael to sign it now

(FM) I think we can just authorize him to sign it assuming it is in order

(PM) and that is all I have

(JE) are you okay with that Michael?

(MP) yes that is fine, thank you Peggy for your report and do you have any questions for Peggy?

(TP) actually the only thing that comes to my mind is back to the sink hole and the retention pond. Where we did the bore underneath 81, wasn't there something going on there that we had a time limit, because we were going into a retention pond there.

(PM) no that is why we did what we did,

(DH) we ordered an easement where there retention pond was and we did without

(TP) that was just for boring and not for water lines.

(DH) yes for boring, there is no residual water line in that area, but good question though

d. WWTP Manager (JE) Other than what Lance provided me here it is just a brief update. Right now the biggest hold up is the SCADA. The SCADA has changed since the start of the project. They were at the plant on Friday working on SCADA and that is what is holding up the moving forward. We are trying to get a head works design in that we are improving the screening of the raw sewage believe it or not the engineer has screens smaller in the tanks than what the screens are for the incoming sewage, so what happens is that bigger chunks get in and clogs up the screens and the next thing you know is that you have rising sewer and horrible things that you can think of. And it has happened in the past and it could happen again, so we decided to invest another 1.3 million dollars into the headworks project which is a split cost between us and CFJMA. We can't test what has been done until the SCADA is up and running and now the SCADA contractor is blaming the engineer for him not being able to make progress. We have a COA with DEP and we need to significantly complete by the end of 2018, that is headworks, everything.

(SB) so correct me if I am wrong, but isn't the permit for the sewer treatment plant in the SBAs name? We lease the permit and the operation to the borough?

(MP) I don't know that we lease it; I think we give them the right to manage it

(FM) no we lease it, it is actually a lease, and we own the whole thing

(SB) don't we have a legal obligation that our plant that we own is operating properly?

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(JE) it is not that it isn't operating properly, it is operating as an ENR plant but technically it is a BNR plant. So a lot of the changes that have been made are dealing with the media. The media is not in and it won't be in for a while yet. So you are pumping an extreme amount of air into a system that is designed to keep this media flowing in the tanks. You are talking approximately several tons of media in the tanks. The guys know what to do at this point to keep the plant running efficiently even though it is designed for media now. So could we dump the media in right now, I doubt because there are some things still outstanding with the headworks. They do not want to media in the tanks right now, even though they probably could and then have to drain the tanks down for the headworks.

(PM) is the permit in the name of the authority? Is the NPDES permit in the name of the borough,

(JE) I believe it is

(PM) whoever is the permittee is legally accountable to DEP

(SB) that was my point, if we are legally accountable to DEP

(JE) no you are not, it is all with the borough, and the COA everything is with the borough and DEP

(FM) the borough is accountable to you under the lease.

(JE) Everything is not falling apart what it is, is everything is slowed, and my fear is DEP backlash is we do not meet the timelines or the criteria the substantially complete, we cannot let that happen.

(FM) you run the risk, in my experience of DEP saying we aren't given you any more time and we want money

(JE) yes and CFJMA has a huge investment in this, all this capacity they are paying for the improvements to get the capacity that they have asked for. Ultimately this 4.95 million gallon plant which is significant plant.

(FM) CFJMA may come after the borough

(JE) they are involved with us 100%, they are in all the meetings and we just want to get this done

(ET) it has to do with the SCADA people, do you know of another company that does SCADA?

(JE) yes there are other companies that do SCADA, designing it and then implementing are two different things.

(SB) and we do have a sewer treatment plant operator now

(JE) yes I was going to cover that in other business, Wade Farner he is now the WWTP foreman, not the manager, we are working on a three year plateau with Wade and he will be trained. We still have subcontractors working with us at the plant to deal with certain things like bio solids. Within a 3 year time frame he reaches the goals that were set for him and then he has the option to become the manager at that point. That means now we will have an open position and we will be modifying some job descriptions. So that is what is going on at this point. I do have another item, Forest do you want to cover that now?

(FM) the borough is proposing, if you recall you lease to the borough, you license to the borough a certain amount of land, where the solar array is on. They are asking to have that modified; they would take off this part and add a little piece here. I think that is for storm water. So there is a little modification to the license agreement we had. My only concern was there was some revised amendment to the solar powered facility sub license agreement. Which is the agreement between the borough and the site developer, SSA Solar of Pa LLC the original agreement was that they would develop it and they would develop it and give sufficient electric to the WWTP to operate and then if they had extra and were selling it the borough would get money.

(SB) once they recoup their original investment, it was a 5 million dollar project on our property, 2 million of it came from federal grant money; 1 million came from state grant money the other 2 million was theirs and then once they recouped their original 2 million through selling carbon credits they would at that point be able to offer us a discounted rate on the electric that they were generating. It was projected to be a million dollars over 20 years but we are at 6 1/2 years and we haven't gotten anything.

(FM) so you need to enter into this amendment with the SSA Solar and along with that there is a license agreement that basically recites the same things.

(JE) if you recall I talked to you about this, it is getting these people to get this done, we do not want to maintain their storm water facility that is on our property and they agreed to do this. So finally we have what we

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need to get this done and unfortunately I got it today. If the authority doesn't want to take action, we can wait until the January meeting. I can tell them they you had little time to look at this and we can put it on the agenda for January.

(MP) that would be my preference, yes let's do that, I want to read it

e. Secretary (JE) nothing more

c. Solicitor (FM) the only thing I have to report on that is not on the agenda is our favorite discussion. Lurgan Township and I met with Mr. and Mrs. Keller. I told him that we talked about the \$15,000 at the last meeting and that the authority said absolutely not. And I gave them the run-down of what would happen if they did not agree. And explained to them how it worked and they said no. So my next step is to have Mike sign the paper work and file it in court. What I am going to do is to prepare a chronological rundown of the events that has happened in this situation. I will get that out to each one of you to show what we have done to accommodate the gentleman.

(MP) so when you send that out the chronological it would be really helpful to have land values. If you get a phone call it would be nice to have it in an email that you could just recite all the facts. Like unimproved land goes for this much an acre. So please get that out to everybody.

#### 4. Business Items:

##### a. Southwood Crossing-Phase II

(JE) I apologize that I listed all three projects separately.

(FM) they had posted a bond in the amount \$159,775 and they have completed it and I assume we have inspected it and that it is complete.

(PM) construction is complete and we have successful Bac-T tests and successful pressure tests and we have record drawings.

(FM) and they are all in order?

(PM) we do not have what is any right of ways or easements

(FM) I have that, so they have asked to have their \$159,775 bond reduced and they have presented that they have given me a dedication of deed of the utilities as well as the necessary easements. I will point out in this particular instance; the water line is in what will become a public street. They had asked me about that, and I told them we need an easement because we don't know when or if the public street would be dedicated and accepted by the township. So we want to have the easement, it may become a moot point when it becomes a public easement. But for the time being or until that happens if we don't have an easement, then technically we don't have a way on their to fix the line. Although the first 18 months would be their responsibility, they gave us a legal description of the easement which matches the plan they submitted and they dedicated the facilities, the water line, fire hydrants etc. and valving and it is in order to accept that dedication and reduce the bond to the appropriate amount.

(SB) \$23,986.25 so we don't need to hold the 10% we have everything that we need that is required for us not to hold the 10%.

(FM) yes we have everything

(MP) if we were to take an action on this, it would motion to accept dedication of this line and to reduce their bond to the \$23,986.25

(SB) so moved

(ET) second

(MP) moved by Mr. Brenize seconded by Mr. Tsambiras, any further discussion? Let's vote, motion carries unanimously

##### b. Southwood Crossing-Phase D1

(FM) the next part is D1 which is a different developer, it is DRINE LLC, and we got the record drawings and everything?

(PM) yes, ditto for this one

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(FM) this is the little piece of land along Rte. 81, with only 8 or 9 lots in the whole thing

(PM) this is still Southwood Crossing

(FM) it is in the original Southwood Crossing, but Southwood Crossing went through a bankruptcy and this land was taken away and then it was given back to just Darrin Rine who is the DRINE LLC, even though it is in the same development it is two different entities that own it.

(ET) and it is the piece of land right along Rte. 81

(FM) again we have everything, the dedication of the utilities and the easements are in for the public right of way or what will become the public right of way so they have provided us with the written easements for the water line. So they have asked to have that bond reduced to whatever amount.

(MP) \$7,128.75

(FM) my recommendation is to accept the dedication of the facilities and the easement and reduce the bond to the maintenance amount

(SB) so moved

(ET) second

(MP) moved by Mr. Brenize seconded by Mr. Tsambiras, any further discussion? Let's vote, motion carries unanimously.

Will the record show that Ms. Burrows left the meeting at 6:53 pm?

##### c. Southwood Crossing-Phase D2

(FM) this is a separate issue,

(PM) D2 is the next parcel adjacent to D1, they have submitted plans and we have already granted them water capacity if you recall. Mr. Rine came into our October meeting and explained how he had to reallocate the lots and call them D1, D2, D3 for the township. So I suggested that we establish this as a new project since there are multiple names and etc. He has submitted his plans and submitted his escrow, so I am asking that we establish Southwood Crossing phase D2 as a project.

(SB) so moved

(TP) seconded

(MP) okay moved by Mr. Brenize seconded by Mr. Pomeroy, any further discussion? Mr. Myers did you have a question?

(FM) I just had a question, is there a facilities extension in this

(PM) yes, so we need a developers agreement, that is part of it, that's part of establishing it as a project and I can get the information. You probably need a set of plans for the agreement; I can get these to you.

(FM) I just wanted to make sure I had that

(MP) does that additional information create a question in any one's mind? If not let's vote. Motion carries unanimously.

##### d. Possum Hollow Road Project Update

(DH) I have a draft and I am waiting on their final documents, I think I have most of them; I received a few more over the last couple of days. I did not have a chance to review them yet. I believe that you will have a final bill in January.

(MP) did you get the organic farm bill yet? Has that come in?

(FM) I am glad you asked that, after our last meeting I sent a letter to Faren Martin, who had a little piece of land at the sharp curve, the alfalfa field; I sent a letter to his brother who has the corn field that runs into the railroad tracks. I also sent a letter to Mr. and Mrs. Weaver and I asked them to either send me bills or let me know what was going on, to contact John and to my knowledge none of those people have made a claim.

My feeling at this point, we are wrapping up the project and I wrote them a letter and advised that closing this project and we want to get you paid, and I am assuming that they are not.

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(MP) Maybe it is not worth it to them, it may be worth the time to do that. I don't know. So what do we do, do we simply not pay them? What happens if they come back 6 months later and say okay now we want compensation?  
(FM) I think then we tell them it is too late  
(MP) the door is closed  
(FM) that is my feeling, I was shocked that Mr. Weaver hasn't submitted anything, because he actually bought materials and he had out of pocket expenses and the other two they lost crops. Faren Martin probably didn't lose much because his was alfalfa. Furland Martin lost a couple hundred feet of corn, maybe a half acre of corn which equates to 100 bushels which is \$400. Technically you buy corn on the open market for \$3.75 a bushel or \$4 a bushel. I expected Mr. Weaver was the one who shocked me that he didn't submit something.  
(MP) Dennis have you ever encountered something like this before?  
(DH) not exactly like this, no. It would be good for you to get all the costs accounted for because at some point we are going to have to recalculate the final special district fee and that all should go into that. You know Forests costs, my costs.  
(SB) If you can get all three of them to go the maximum of what you are expecting, are we talking about \$1000?  
(FM) well we agreed with Mr. Weaver that you would reimburse him up to \$1,500. But it was to be based upon invoices not just a verbal. I know that he supplied 4 posts, and he provided the seed and the straw for the remediation of the trenching.  
(DH) and he did the work,  
(FM) did he put it down?  
(DH) yes he put it down  
(FM) if you figure it out with just him it might be around \$1,000. The other two, I would say that maybe \$2,000 would cover everything, more than enough.  
(MP) so they didn't submit their bills, so we put our final cost in without the \$2,000  
(SB) and then if they end up submitting them 6 months from now, that is fine since it is such a small amount, we can just take care of that because it is a legitimate debt. If they don't come in by the first of the year, then we can just wrap it up.  
(FM) my advice would be I don't think they are going to; they had the letter now for over a month, I had first called them before the last meeting, and told them that we agreed.  
(SB) Six months down the road if they ask for payment, I mean it is a legitimate payment debt but just for the time being let's wrap this up  
(MP) you don't leave a place holder you don't do anything like that, you just close it out without it in there, go forward and get the final cost.  
(DH) the only reason that we are pushing to get this done is for the fee, the special district fee, it is a cost. We are going to close out the contract with the contractor but this is a separate issue.  
(MP) CVRDC would love to have that number because they are trying to sell land and they need to know what the cost is and that is part of their cost structure. So they would like to have the number that is why we need to close it out without those things and we can take care of these things later if they come to us.  
(JE) I am still collecting data for Dennis as well, the costs for permits and things like that, because we had to get road opening permits from Southampton Franklin and things like that.  
(DH) and Forest's final invoices  
(JE) but that has nothing to do with closing out with Wexcon  
(MP) anything else regarding Possum Hollow Rd?  
e. **Well # 4 Project Update**  
(DH) there are a few items on my report. Item A is that we receive the approved PA Fish and Boat Commission clearance so we can move forward.

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(SB) when did we get that?  
(DH) November 22, that is done  
(FM) they agreed that there was no evidence of spade footed toads  
(DH) no, they agreed for us to do the work during the winter when we wouldn't be bothering any toads basically. I will let John and Peggy talk about this, we need some small improvements to allow the driller to get into the site, they are work that Louis was able to care of last time with either himself or with staff and/or some help, however he arranged that. Right now staff is too busy to do this and it is beyond their abilities to do it. So we put together a scope of work to get the improvements done. John had somebody meal with Kevin and contractors out there and he received quotes, and that work can hopefully go forward. We are currently trying to get the schedule for the drilling to begin sometime in January when those approvals are made. We are moving forward.  
(FM) is the work going to require any removal of trees?  
(JE) yes probably, very few  
(FM) on the Alleman property?  
(DH) it is the quarry I believe  
(JE) once we get to the Alleman property, as you recall it opened up pretty good. So I think the 20 foot width was already established there. We might have to knock a limb down or so, because we have to have 25 feet.  
(DH) Peggy and I were actually out there today  
(FM) my only concern is, if you recall our agreement with the Allemans was if we cut a tree down, we didn't just drop it down.  
(JE) somebody has been clearing trees in that area, because when Kevin and I were out, there was fresh cuttings and big logs piled up along the access road.  
(FM) that could be their grandson  
(JE) it looked to me that he was already starting to clear that area. So Rettev came up with a scope of work which we provided to the people who are submitting a bid, we also did an onsite meeting with these people. There were four contractors that showed up. I had met with Kevin a few days prior we walked the site, and he contacted them and went over everything in the field so that there was no questions to what they were bidding on. And what they were bidding on was, fixing the existing access road to be improved to 11 feet wide, tree branches above the width of the road to be cleared to a height of 20 feet. The existing road will be roughly 1700 feet in length and which the majority of it was already suitable. Assume removal of up to 10 full size trees and stumps. Six smaller trees and approximately 1/3 of the total road will require some type of tree branch trimming to achieve the 20 feet in height. At the end of the access road a 2000 square foot gravel pad will be installed down at the field where we used to... removal of approximately six inches of top soil and stock pile it and then followed by replacement of six inches of stone over the entire area of the pad. Low and rough spots along the access road shall be fixed up so that they won't rot any areas that might sink. We did have one contractor bid with slate, the others bid with stone. He called and asked about it, we said that as long as you improve it to the standards that we need you can use whatever material that you choose. So he was aware of that. And then the final access road must be able to pass a full triaxle dump truck without rullings and no ruts can remain in the work area. It also includes deliver of about 2000 feet of 8 to 10 inch fabric sock to be delivered on pallets and be covered up in place for use of the well drilling. So those were the requirements we met with four excavation companies and these are the four prices we received. I am sorry I did not make copies, I just received them yesterday. So Snokes Excavating, \$9,985, Weaver Hauling and Excavation they gave us a quote for \$7,000, Zullinger-Brenize \$6,622, and the final was by Blue Mountain Excavating \$5,200. Those are the four we received they are obviously under any requirements for bidding. I don't even know if it reaches the level of telephonic quotes, but we wanted to make sure we got the best price we could. Peggy and Dennis went out tonight and pounded 4 stakes in for the pad. We want to get this going ASAP.  
(FM) and so do the Allemans

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(MP) John, was the scope of the work, did it include a calendar as to when the work would begin and be done?  
(JE) we did not set up a calendar but we suspect a day or two at the most  
(MP) how long until they could fit it into their agenda, when can they start?  
(DH) we were hoping that it would get done this month  
(SB) most of these companies this is their slow time,  
(JE) I don't know if that was asked, they were aware that we have a permit in hand and that we were very eager to get this done.  
(DH) I would advise that if you wanted to give authorization if you go to the contractor to get them to agree to get it done by a certain time, December 31st? Whatever, we would like to have it done so we can start drilling in January.  
(MP) I would do an if/then, if you can do it by this date, then you can have the contract.  
(ET) does anybody know anything about Blue Mountain?  
(JE) I know a lot about them, I have to be honest, one of the owners of the company is my brother in law  
(DH) now you can't vote  
(JE) on a scale of 1-10 rating they are a 12  
(SB) john is right about that  
(MP) well ask them first if they can get it done by our target date, they are the best bid.  
(FM) Can I talk about another issue, in anticipation of this happening I talked to both Greg Willi and also the Allemans, Greg asked me, would the authority want to purchase this tract of land? Just the acreage, where the spot is that we were going to put the original well  
(SB) if you are looking at Well Head protection and if the price is right,  
(FM) I said I don't know  
(SB) we do have 30 acres out at Well 3  
(FM) I am guessing that if they are selling the quarry, the quarry doesn't want this piece of land because it is useless for them as a quarry. I mean the only reason why new enterprise stone and lime owned it is to have that well on there to use it for makeup water in their lagoon over there where they did their crushing.  
(SB) off the top of your head what was the original price that we negotiated with?  
(FM) I don't think we ever negotiated with them, the guy next door; the Johnson guy wanted \$90,000  
(MP) why would we want to own it?  
(SB) to have control of the road  
(DH) we will have to get an easement or a right of way for the road, I would suggest that once we got to that point we would want to design that road to have the minimal impact on that property that we would have to, to get in.  
(FM) the other thing that could happen if you choose to, it is several acres so that you could technically buy it and subdivide it off to get your road right of way and the right of way for the water line, and then sell the rest of it off.  
(MP) can you put this on your list for us to revisit it again, I think it is worth talking about, anything else for Well 4?  
f. **Fluoride Update** (SB) no updates here  
g. **Unaccounted for Water** (PM) I already covered this  
h. **Penn DOT Street Projects** (JE) what we were discussing Michael is that since both our organization are very impacted by what is going on, Peggy and I thought we should have a meeting with everybody, the borough the SBA, the sewer, because we are all going to be affected and come up with a master plan. I think that we need to do it soon. We also have to engage Rettev in some way to assist us to get the information that we need to see what has to be done and the approximate costs of what has to be done. Obviously that is going to drive our desire to get involved with any additional work on the first Penn Dot project. Obviously King St is a different animal and will have to be addressed. But the immediate issues are down

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(MP) it is a huge a subject, it seems to me that this would be a case, in my opinion, could we stream line this by having Peggy and John and Dennis put together the top recommendation and maybe a second option and then share those with us and then we will decide which of those things makes the most sense. Or which is the most cost effective, does that make sense?  
(DH) in my mind the two issues, Morris St and King St are two separate issues because they are on two different time lines. The problem with Morris right now is relatively short; the only decision to be made is whether or not you want replace and upsize that line. I have not spent any time or any of your money looking at the capacity of that line what it serves. In my mind the real issues are is the line big enough to serve the people that are there or is there any need for a future development beyond there that will need more capacity. The 4 inch line does not support fire flow, so do you need fire flow along that street? Many authorities are installing 8 inch mains as a minimum to support fire flow. So the question is, does the line need to be upgraded? Either for capacity or because of its condition or any problems, is it going to need to be replaced soon? Because once they do the paving you won't be able to do that for at least 5 years and then make a decision on whether it makes sense to do it. I agree with John and Peggy about King St, because at some point you are going to need to assess at least the size of the project, there has been a couple million dollars thrown around as the potential cost of the project. I don't think at this point until we see the drawings from Penn Dot and know exactly what is being impacted. We don't know exactly what that cost is going to be. At some point as soon as it makes sense it wouldn't be a bad idea to do at least a hand drawing.  
(SB) the Morris line is what we are going to be dealing with first. Didn't someone say at some point that we can't improve our situation? Like to get compensation back  
(FM) from Penn Dot, yes we, Penn Dot says that betterment is not a justification for going to them for cost sharing. And what that means if you want to improve something to make it better, Penn Dot will not cost share that.  
(SB) So we are going to get charged for part of the road opening?  
(PM) no no no  
(ET) it means that they will not reimburse us  
(JE) it would be all our costs  
(ET) let me ask you this, what do we have to word it as?  
(FM) that was my question, I never received a response from Penn Dot on that,  
(JE) what they are saying Steve is if they go in and rip up Morris St to improve the line, and put in some type of patch back in, because they are going to mill it all out anyway and repair the surface. But if we get an opportunity to get in there ahead of time to make our improvements to cover it up and then we are good to go.  
(FM) they normally pay part of the cost of the pipe and stuff  
(PM) not anymore  
(DH) by our rights we don't have to do anything, this is only a re-pavement, our lines are not being impacted by what they are doing.  
(SB) other than the fact that we can't touch it for 5 to 6 years.  
(JE) that is why we are saying now or wait 5 years which if the lines bursts  
(TP) well in 5 years if we have to replace it is going to cost more, because we have to repair that new street  
(FM) exactly  
(ET) plus the cost of material and an adjustment for inflation, labor everything is going to be more, I see the benefit in doing it now, I also see the benefit if we could word it in a way...  
(JE) they were really adamant about that, we were hoping that  
(SB) what if we used regulation against them, right now we are grandfathered in, but right now we do not have the adequate fire pressure that we need in that zone  
(PM) that is betterment project  
(SB) but what if we are not meeting current construction standards?

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