

Shippensburg Borough Authority Minutes

March 8, 2016

7:00 pm

Present:

Michael Pimental (MP)	John Epley (JE)	Forest Myers (FM)
Troy Pomeroy (TP)	Kerri Burrows (KB)	Louis Larson (LL)
Evaggelos Tsambiras (ET)	Steve Brenize (SB)	Dennis Hammaker (DH)
	Jason Wirt Senior Technical Engineer for Rettew (JW)	

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

2. Consideration to approve meeting minutes of February 9, 2016

(SB) motion to approve

(MP) motion to approve by Mr. Brenize

(TP) second

(MP) Seconded by Mr. Pomeroy, any additions or corrections to the minutes? All those in favor, of approving the minutes of February 9th consent by saying "aye"

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

(MP) motion carries

3. Reports:

a. Engineer- (DH) Greetings to everyone that I didn't say hello to. I'm glad to be here tonight, I do believe you have a copy of the Engineers report in the packet. I will briefly go down through each item, please don't hesitate to stop me or ask me a question if there is an issue that needs to be discussed. 1. Under General there is a bulk water station that was submitted to DEP that came back with comments which are being addressed, Louis and I are working through those and expect to have a response to those in the next few days. We also provided fire hydrant maps, there is an additional copy here, if those of you want to see what those look like maybe Louis will give you a shot of looking at that extra copy that I brought tonight. 2. Permanganate System project is I believe at this point completed the new pump was ordered and has been installed now for about a month or so or maybe a little more. We were back out at the water plant today and saw it operating, humming away, so that is nice and is good news there, I am sure we will discuss that a little bit later. 3. SCWA, there is a bit of a misstatement there, it says Rettew has developed, but really should say is developing. I did get in contact with martin & martin and I am working to evaluate the information that we have in house, I still need to do some additional communication with the water association and be sure we get all the information that we need, I need to be working on that. I haven't made as much progress on that as I would like to have in the last month with all the other activity that has been going on. But I will push that forward here in the next few days. 4. Well #2. There was a subject of discussion at the last meeting regarding the intrusion on the FEMA map, 100 year flood line and there was a suggestion by, a request by the board that we contact FEMA about that issue. We did successfully talk with them and determined that the work that they are doing right now is in Cumberland County and not in Franklin County. But at the same time they were really helpful and gave us some input on what we are doing and actually provided some of the modeling data for that area around the Well 2 to help us with our efforts, we did look at that. It did improve the situation a little bit but it didn't improve it enough to get us outside of the flood zone. So, I forwarded to I believe John and Louis and maybe Michael, I forget, an email a couple of days ago regarding a couple of options to move forward. One is to prepare and submit an application for a flood management permit which is what the DEP, drinking water section wanted us to do that refers us to another section of the DEP for that flood management permit. That

involves doing some field survey to pick up elevations on downstream features that would affect the flood, modeling of the area, it involves an engineer site visit to verify the consumptions for the model. Some water modeling to actually calculate a local flood elevation as well as to determine any impacts of the installation of the building on the flood plain. I think that is the biggest concern that they have if you are building within the flood plain they want to see that you don't have any impacts on the flood plain itself or on properties that are upstream of the where you are putting the property. They don't want you to change the hydraulics of the flood way, so that you maybe cause a flooding problem upstream that wasn't there before you did your work. So one option was to go through and prepare an application and submit that to DEP and process the permit that they want us to do. I provided an estimate for that, that effort the field survey, the engineering field visit the preparation of the permit form, the hydraulic modeling comes to; we are right now estimating a range of about \$13,000-\$15,500 for that effort. That is one option for moving forward, the other option is to go to FEMA and request what they call a LOMA which means a letter of map amendment, that would be going to them with some modeling efforts to try to show them that their mapping is incorrect and that the flood elevation needs to be moved away from the building so that we are not in the building anymore. I have gotten various opinions on which of those efforts is more likely to produce fruit and also which one would be faster because the belief is if one or the other one would be successful we would be able to get the construction permit. I was told by some folks within our office that they thought the FEMA map would take longer and we talked about it tonight, getting a bit to eat and Jason said he thought that the FEMA effort might take a little bit less time, either way. I get different opinions from different people. I would suggest that probably moving forward with the flood management plan because we are right on the edge of the flood plain and probably don't have any significant impacts on that, is more likely to be successful. We could go through the FEMA effort and find out that we are still in the flood plain and then we would have to go back and do the flood plain management plan anyway. So I am inclined to make a suggestion that we either move forward with the flood plain management permit or do both at the same time on the basis that either one or the other is successful and have a successful outcome. So that is the situation there, I don't know whether you want to discuss that now as a part of the engineers report or take it up after the report is over.

(MP) well let's talk about it right now that you put it on the table. Alright, so we all heard what Dennis had to say. What do we want to do? Go with the state, do we want to go with FEMA, or do we want to do both?

(TP) What did Dan look into, I think prior when we were just getting up to speed on this, he had talked or corresponded with somebody and they said this wasn't an issue.

(DH) Exactly they had the reviewer, Louis were you there on that day, the day that they did a walk through with the reviewer from DEP?

(LL) yes

(DH) and Dan brought it up with him and he indicated that as long as the well itself was not in the flood plain that it wasn't going to be a problem. Well he didn't think it was going to be a problem, this is the guy that is reviewing our permit that issued this comment and so he indicated that it wasn't going to be a problem from what I understand, talking to Dan and the comments from that meeting. So we were led to believe that it wasn't going to be a problem.

(TP) It wasn't going to be a problem if we did a study, that's probably what he left out.

(DH) He may have done that or he may not have understood the implications of what he was saying, I can only speculate.

(LL) in the site visit, He said that it didn't appear to present a problem.

(DH) keep in mind the existing building actually extends a little bit into the flood plain in that one corner and the new building also extends into the flood plain a little bit more than the existing building but neither of them are significant its maybe 10 feet over the line.

(TP) and time frame going with the FEMA vs. The Permitting is what, one option from another, time frame.

(DH) The DEP permit, many of the DEP permits have a guaranteed period where they must provide your response within a certain amount of time. Unfortunately this permit does not have that guarantee. So it is a matter of what their existing workload is within their office for permit reviews. If they got a whole bunch stacked up on their desk, we get put at the bottom of the stack it maybe a number of months before we get a review. When I spoke with some of the folks in my office about the FEMA letter of map amendment, I got that it maybe 6 months it maybe 9 months. Again Jason's response was that he didn't think it was going to be that long or as long as that. So it's difficult to know, I think it depends a lot on workloads within the organization and the person that you get as a reviewer. It is just difficult we can get the permit, the applications in quickly I just can't control how fast they do their reviews.

(SB) So did I understand correctly, that if we move forward with the FEMA one that they may not resolve the issue and we still may have to do the other one?

(DH) yes that is true, what we would do is we would do a study to try to show FEMA that we are outside, outside of the flood plain. Now if we do that study and it shows that we are still over in the map, we are probably back to square 1.

(SB) And there are a lot of the costs and research and the expense of that are they shared or are those two stand-alone projects? I mean is there a certain portion, like if we spend the \$13,000 how much of that \$13,000 just sort of got flushed down the drain and how much of that has given us data that we can use in the other process?

(DH) let me clarify for a second, the flood plain management plan which is the DEP is about \$13,000- \$15,000 the LOMA which is the FEMA application I have got an estimate of \$6,800 so \$7,000, so that is a lower number. I am actually getting those, within my organization there are separate people who are doing those efforts. I have got one guy who has a lot of experience in doing FEMA work that I would go to do that map of change. I have got other people who are more experienced in the DEP permits that I would go to do the DEP. I think that if there is any overlap it may be in the modeling effort each of them has a little bit of modeling that might be shared between the two, that if we did the both of them we might save a little bit. I didn't specifically ask that question when I got these estimates.

(SB) And so 6-9 if we do the FEMA and then if we do the FEMA and we don't hear back we would have to do the DEP and how long did you think that was going to be?

(DH) It would take us 3-4 weeks to get that into them and then it is just a matter of when they get to it and if they have any questions or comments that we need to address. The comment that I got from the fella that did, or has done these before said he has never had comments come back on one of these, but I, again it is kind of out of our hands to what the reviewer might or might not do.

(SB) is there a window, like 6 months to a year to a year and a half.

(DH) If I told you something I would be guessing, honestly.

(SB) But it is the DEP, so they do things at their speed.

(DH) there is a possibility we could have it back in a month or two or there is the possibility it could be six or eight months just because there is no permit guarantee on this particular permit.

(SB) So I guess then for my thinking, for me to make the decision with everybody else's, is it worth the \$7000 to maybe decrease the amount of time it takes for us to get to the project?

(DH) That is really the bottom line

(SB) that is what it comes down to, it could possibly 6- 9 months or we could still be 6-9 months but not spend the \$7000 just spend the \$13000-\$15000

(LL) I think what you are going to look at is my generic feeling is Steve, if you decide to do the FEMA you are more than likely going to end up doing the DEP application anyway. I would say for the sake of expediency to go ahead and just do the flood management plan with DEP. That may still allow us to get this thing underroof before bad weather gets here and allow the contractor to work through the winter, in my opinion.

(SB) And that is my goal, we budgeted for this and I want to get the project started and I mean, you are looking at only a savings of \$7000, I mean it is a savings of \$7000, but is it worth...

(KB) In the scheme of things \$7000 is not very much money

(SB) Right in the scheme of things it is not worth what we could possibly end up doing, which is prolonging the work another 6 months, which basically we are going to end up paying. If all of sudden something happens and the economy starts kicking, then we are paying the contractor more to do the job.

(JE) FEMA mapping for example, here in the borough, we obviously had a major issue with FEMA maps. We are nine months out since we started it and that had priority. This area is not going to get the priority from FEMA plus if they do, do a study and we prove there is a problem with the flood plain they are going to have to go to the municipality and get the municipality to approve the changes and everything else so there is a lot more in depth to the FEMA then I believe the DEP submission would be, more money faster time in my opinion. I think that the turn-around time probably won't be that bad. Dealing with FEMA can really drag out and this won't have any priority as far as my experience with FEMA, it won't have priority.

(MP) so did we need an action or just a direction?

(DH) It just is an increased direction to our scope, I didn't want to move forward and spend money and find out that you didn't want me to, and it was something you didn't want me to do. That is all I am asking is for is confirmation that you want me to move forward. The project is done on a cost plus basis anyway, the other efforts that we have been doing have been on an hourly basis with a budget so this is just a matter of letting you know that, that budget is going to go up a little bit.

(MP) Angelo, any thoughts you want to throw on the table here?

(ET) Sounds like to me, that we spend the \$13000 and get it going.

(MP) Kerri, your thoughts

(KB) I agree

(MP) Troy

(TP) yes

(MP) Okay then, I think it is unanimous then if you would please, make it happen.

(DH) Possum Hollow, let me back up under 4b. I did get comments back from Louis on the final drawings and project manual for the project in those comments are being incorporated into the final document and they should be ready to go once we get that permit. And we should be able to go out to bid. 5. Possum Hollow Rd the preliminary design drawings did go out of our office on Friday; Louis got them on Monday he has got them in his possession I believe he is looking through those as soon as we get his comments back and agree on the route of the line and the placement that will free us up to begin final design as well as some other incidental things like permitting and erosion sediment control plan and permits and easement preparations. That is coming hopefully pretty soon as soon as Louis gets his review done and I get a chance to sit down and go over it with him. So that is moving forward. 6. Well 4 update is that the well driller did go out to the site with our geologist and gave us some updated costs, those costs came in right about where we had projected them, it says here that we are within the budget and that's about where we lie on that, I think the project budget is about \$100,000 and we are right at that right now. The pre drilling plan on the next page under b says here that it was sent to DEP and we are waiting for the response since this was written we actually did get the approval of that plan, so that is ready to go. I will be sending something to Louis and John probably in the next week or so just asking for an approval to go forward with that, it is within the scope of the project that was included in the capital improvements plan, I don't think that I necessarily need any further action from the board to go forward with that, I just want to let you know that we are ready to move forward with that phase the driller is planned to be a sub to us, so that you don't have to bid that work out, it is the preferred driller that we all agreed is the best person to do that job. There is a decision to be made on two options for the drilling one with a slightly larger casing that provides a little bit more flexibility when we go to do the final production well that is

a little bit more expensive. But it is what we would recommend that going to go to Louis and John for review, we will decide about going forward.

(FM) What is your time frame on the drilling, because I need to get the second parcel of land under option before that?

(DH) At this point since we got the approval for the pre drill plan we can go forward at any time. I guess we need to talk about that and be sure we have whatever land.

(FM) I am going to brief authority tonight

(DH) We want things under our control before we spend any more money

(FM) I will have some questions for you about that

(DH) ok, that is being handled primarily by geology folks, that do that stuff all the time. I may or may not have all the answers for you but I will be happy to get them. Item 7 and 8 Matrix Projects that we had the discussions about the fire flows those are currently on hold to the best of my knowledge I haven't heard anything new from them in the past months since we were here last month. 9. Rowe Rd we reviewed the plans those were found to in conformance so those are fine. 10. McDonalds rebuild I think it is up on the agenda, we had a review of those and we had two minor comments that Louis and both agreed that were minor and probably would not prevent you from approving that tonight contingent on those two comments being resolved. And then the Phase 3 water line plans are in our office and they are under review and we should have comments back. Louis I will have to follow up with you

(LL) I think I sent them to you

(DH) Okay you may have, that is the engineer report any further questions? Anything I can clarify?

(MP) Any questions for Mr. Hammaker, thanks good report, I appreciate it, I am sure we will be hearing from you a little later.

(DH) I count on it

b. Solicitor- (FM) Just a brief report, but part of it, I don't know if you want to go into an executive session or just off the record or something, since there is no public here and the engineers are a part of this stuff. I would rather if we did not have minutes of this stuff.

*executive session started at 7:23

c. Water Foreman (MP) Report is in your package, I do want to make one minor change to #3 two customer service lines have been repaired, you have pictures of what is left of the service line to the building sitting in back by CJ's that was causing the leak down on King St, Troy was lucky enough to have to make that repair. We know that this surface a week ago it sits in the ground like this Steve. The surface Saturday a week ago probably was leaking a couple weeks before that, you can see all the brass is eaten away and it is just a combination of the water and the sand eating away at the brass.

(KB) It looks like it is melted

(LL) Yes, the sand will do that

(TP) like a grinder

(LL) I do want to bring attention to the well level report, please note that the asterisks we are seeing a slight increase in our well levels, which is a good thing, we are roughly a month early on that. We don't normally see these until the end of March, so we are seeing them at the beginning. So that is kind of a good sign.

(MP) It is good to have water in the well, right.

(LL) I am still watching Well 3 very carefully, but we are starting to see a little bit of a gain. As Dennis commented on the McDonalds thing I don't see a problem with us taking action later on. We have had meetings I have had meetings with our operators, I have had meetings with Dennis and with Jason, about the problem with the HAA5's at the water plant, we believe we have it under control. We do have a plan that Jason is going to address later.

(MP) very good, any questions for Louis? Thank you for your report

(LL) One more thing, you asked me about this last month. We have a total remember I told you we had a total of 584 hydrants in the system you had asked how many have been done in the borough. How many are not done, or how many have been done outside. There are 153 hydrants in the borough, of those 153, 134 have been completed so we are lacking 20 more or less. That leaves a balance of 431 hydrants out of the borough, and of those 431, 107 have been completed, so there are still 324 hydrants that need to be addressed outside of the borough.

(MP) So you got these jotted down on this sheet here. Can you give that to John please, I think we need to have that in a document form.

(LL) Sure, I will send you an email tomorrow John. I just finished that this morning.

(MP) Thank you for addendum that is important information for us, anything else?

(LL) nope, I am fine

d. WWTP Manager (JE) You can see Lance's report that he provided, he has been dealing with some pretty excessive inflow at the plant, snow melt and heavy rain. He has managed to keep it well within our discharge permit requirements. We are continuing to have the plant upgrades done down there working with Pact Two, we are looking at some changes during this construction, mixers, we have had several pieces of equipment fail, specifically mixers, there is 16 of them I believe, and all the extras we have are in use or have failed, and the option to rebuild these are no longer an option to us because they are just so outdated and beyond repair, so as part of that change order that is in the works is to go to 8 mixers which are very large mixers and they are much easier to access via bridges that would be built, aluminum type bridges that would be bridge the tanks and they would actually will work as a mounting bracket for these mixers. That will be a significant change that will make Lances job much easier down there, it is pretty much a must. As that change order goes through a lot of those change orders that are happening CFJMA are going 50/50 with us, so they are a great partner when it comes to the WWTP they have a significant vested interest in the plant. Other than that you can see the I&I program is continuing he has his first quote to do the videoing down through King St in anticipation of the road work by Penn Dot next year. It came in a lot higher, it is roughly \$3 a linear foot which is twice what he is anticipating so it's not cheap and that was the low bid, so it is very expensive, so we are looking at other options, going forward with the rest of the sanitary sewer system. It may be in our best interest just to purchase the equipment, make that investment and do it ourselves. We could probably do that and come out at the other end with less expense. And this goes hand in hand with the 1.5 million dollar loan that I talked to Forest about this morning. By the way Forest just an update, I did talk to Sam and he said that he will get in touch with you and he has got the paperwork that he is preparing. There has been an ordinance just to inform the SBA that the ordinance was advertised for the borough to borrow that 1.5 million dollars and it will be up for adoption at the next meeting.

(MP) so what is the estimated price tag for this I&I thing?

(JE) I wish I had those numbers in front of me Michael, but again for the King St section I think I am going to say \$40,000. Just for King St I believe that was the cost.

(SB) So they are doing about \$13,000 feet?

(JE) One end of King St to the other end

(LL) that is pretty close

(JE) I can provide you that, I will make sure that information gets to you.

(KB) I think they were guessing it was going to cost \$22,000 so \$40,000 would be twice that

(JE) It is quite shocking and made us reevaluate how we are going to go forward at this point but we have to get the King St section done, so it is kind of a push and I think that is what got us into this kind of situation with the you know you are in a hurry and you are going to pay extra money that is for sure. But we are going to reevaluate how we look at the rest of lines obviously, and this hasn't been voted on or anything by council yet. It hasn't come to that point yet.

(MP) Okay

(JE) As I said the ordinance for the loan has been advertised and I have not heard from Ed, Forest on the of course we already talked about Southern Cumberland, I asked him if he had any information and he said he was still reviewing it, which you provided to him, so.

(FM) I had asked John, about the documentation for that loan because the authority obviously is going to be a party to that loan, rather than wait until the last minute, I like to know ahead of time so I can advise you.

(JE) I am sure we will talk about the issues last week, but I want to thank Michael and Steve and Louis for rushing in and us taking the bull by the horns for the situation that occurred last Tuesday morning. They were lining up outside the borough with their torches and ready to burn the building. But your chairman and vice chair were right on top of it, I appreciate the phone calls were coming, ABC 27 news was calling and everybody was calling and it was pretty hectic for the first few hours of the day, but I had some really good men come in and help me.

(FM) I would say that you guys did a very good job, because there is no one here. And I anticipated...

(JE) Michael helped me with the write up and Steve

(SB) There was no one here on Tuesday either, I mean, I came to council just in case, because he was in Mexico, just in case to help council out.

(JE) And we did advise him not to drink the water while he was there.

(MP) You didn't have to tell me twice!

(JE) I just wanted to say thanks to Mike and Steve specifically, it was a big help to me, because it was quite terrifying for a few hours. And that is all I have.

(MP) Does that include your secretary report?

(JE) Yes

(MP) alright thank you, very good thank you for the kind words.

e. Secretary (JE)

4. BUSINESS ITEMS:

a. Consideration to Approve Final Plan for McDonald's USA, LLC (LL) Here again, two very minor comments. One regarding the way they had the meter drawn in there. They had the meter drawn on backwards, which is kind of a minor thing in the grand scheme of things. They had the right size hat, but they didn't have it listed as a split lid. So those are two minor things that we sent back. I don't see why we can't approve the final drawings for that. There is no additional water being assigned, it is just a new service. And all the other comments that Dennis and I made have been addressed.

(MP) So everything all the contingencies and all the comments and corrections that you wanted have been addressed, and completed at this time? Are they done or are they simply addressed in the plan?

(LL) they are addressed in the plans

(SB) Does it need approved based on the considerations in this letter? Or just approved?

(LL) we should probably approve it based on the considerations in these letters, per the corrections. These are minor in nature but approve it with these two corrections and we will be fine.

(MP) Okay, that is a suggested motion if anybody cares to make it.

(TP) So moved

(MP) thank you Mr. Pomeroy moves that we approve the final plan for McDonalds USA with the corrections that are spelled out in the March 2nd 2016 letter on the Rettew letterhead to McDonalds.

(SB) Second

(MP) Okay, moved and second, any further discussion?

All those in favor give their consent by saying "aye" ***unison "ayes" are heard any opposed No? ***silence Motion carries unanimously.

b. Consideration to Approve Final Plan for Sheetz, Inc at United Business Park (MP) Item B is being pulled there is inadequate information at this time to go forward. So we are simply pulling this item off of the agenda.

c. Consideration to Approve Reimbursement Component to the Cumberland Valley Regional Development Corporation for Water Taps by Sheetz, Inc. at United Business Park in the amount of \$5850.08 (16 EDUs @ 365.63) (JE) I will just go over this. Nicole brought this to me, she said that Sheetz has paid for the tapping fees there is a reimbursement component due back to the CVRDC for those taps minus the fees that you will see on page 28, basically some admin fees 5% so it equated to reimbursement of \$365.63 per EDU and as Michael said times 16 is \$5850.08 so this is a reimbursement due them.

(SB) motion to approve the reimbursement to CVRDC for the water taps

(MP) moved by Mr. Brenize

(TP) Second

(MP) Seconded by Mr. Pomeroy, that we approve the reimbursement component CVRDC for their water taps paid by Sheetz in UBP the amount is \$5850.08, further described as 16 EDUs @ \$365.63, any further discussion? All those in favor give their consent by saying "aye" ***unison "ayes" are heard any opposed No? ***silence Motion carries unanimously.

5. Discussion/Policies pertaining to Public Notifications (JW) what you guys had occur was a hit from your disinfection bi product, you are required by the federal government then through the state government to monitor for these quarterly. You monitor for them at four locations that are selected by the department that you do a sample at, you are looking for two things, the first is Trihalomethane (THMs) and the second is haloacetic acids (HAA5), I am not going to talk about THMs much because you don't have a problem with those and historically haven't had a problem with those and I think for sake of argument we will just drop it. They are both bi products of adding chlorine to drinking water for disinfection the chlorine reacts with organic materials that are in the water and it forms these disinfection compounds, these bi products they are extremely small. The limit for these is 60 ppb your highest hit was for 74 ppb. So very small quantities of material, they are a long term health risk, The reason this was a tier 2 notice was is, it is not a Oh My God you are drinking this, it is not a safety risk, it is a long term exposure risk stand point for a select few populations that exist within your demographic. So, the reason that you provided notice is that the public has to be aware that you exceeded the federal permit limits for this compound and that prolonged exposure would be a potential health risk. Let me talk about prolonged exposure to help you guys get a sense of the issue. I am minimizing it in any way this is on the order of drinking 50 gallons of water per week for 40 years to have a 1 in 1 million chance of an issue. So it is statistically very low. So you know that the demographic that is most at risk is pregnant women that are the demographic that these have the potential to be a risk factor for at levels 8 to 10 times higher than where you were just to give perspective. So the way I would say it, is you grazed the limit you were 10% over the limit and this comes from a balance act that your plant staff has to do, so we add chlorine to water to kill pathogenic materials, bacteria, viruses, things that would have a harmful effect to us, giardiasis are the ones they regulated the most on but it is to prevent the pathogens from having a harmful effect on our bodies, so in olden days the more chlorine the better. Right, you took care of this stuff and then in the late '70's they figured out it made bi-products and then by the '90's because of some high profile court cases they were limited. And today they are put into limits and around 2000's the limits were lowered a couple of years ago. So to give you a feel, a couple years ago the numbers you had would have been in compliance, just to give you kind of a feel. They have been slowly, these were the goals ultimately but they have been giving water systems time to get involved. So you have to add the right amount of chlorine to get your kill, but if you add too much chlorine at certain times of the year then you will form these bi products and they are an issue. So we were up at the plant I got the tour of the plant with Louis and his staff and Dennis and look at your situation. I will give you kind of a couple basic summary points. One I believe, I don't know but I believe as I sit here tonight you are in compliance. I think that the changes that you made at the end of January were very beneficial with the potassium permanganate addition system. The reason that is beneficial is they are taking chlorine away and we are adding potassium permanganate to serve the same purpose. So you are getting rid of the chemical that causes these bi products to form and you are substituting it with a different chemical. So given the change you

made with that and that they have dropped the chlorine dose from 1.5 to about 1.45 and since you were only 10% over my guess is when you get the test results in the next couple days, that you are back in compliance. Now I will say that where a lot of this stems from is this sort of judgement thing with your operations there are some new numeric methods that we are going to talk about here, but a lot of water treatment is bit of an art, looking at your water what you think you know, you are applying chemical dosage to get that and you use feedback, laboratory data that you get to sort of make those decisions to help your judgement. I guess I believe from listening to the discussion a series of events, nothing physical has occurred at the plant nothing has occurred in your water supply. I can't point to anything that would suddenly make this be different. Except for the laboratory that you were previously using that had quality control issues. You stopped using that laboratory started using the new laboratory and my guess is that the previous laboratory was underreporting the amount of disinfection by products that you had, which leads me to believe, if you want to talk about the feedback loop, you are getting data that says I'm good, well if you are getting data that says I'm good I'm going to continue to operate that way, right. I will tell you from inspection of the data you were forming disinfection by products at probably a high rate. You had large chlorine doses, you had organic rich water, higher temperatures, and intrinsically my experience tells me that you have been forming by products for a long time. You probably got a lab now that is giving you more accurate data low and behold, we are out of compliance.

(MP) So you gave me some information earlier, let's clarify this point that you are making for folks. So we had a positive reading that was non-compliance at what date, historically.

(JW) April

(MP) So the next quarter what happened?

(JW) You actually, that was with July right Louis? And that was when you got hit from the laboratory that looked like you were out of compliance but there was so many people having problem with the lab that DEP just gave you a pass.

(LL) There was a hit on July in one location. At that point there were several water systems that had that same issue at that same time. So DEP threw out all those tests and allowed us to retest. The down side was they allowed us to use the sample bottles from the old lab to collect the sample for the new lab. All those samples came back bad from everybody that used them. So DEP threw out that set of samples, we got the new bottles from the new lab and that is where we are at.

(MP) Okay, so what I am trying to establish here for everybody is, we had no information for a period of time, because the lab was discredited, the information that we had was unreliable, so that is how this number went from being within compliance to suddenly out of compliance, is that understanding correct?

(LL) Yes, but in last years' one location, just one location

(SB) But that was at a lab that is now discredited that we are not using any more

(JW) Now we jumped into the fall and we had kind of a hit that showed up as a positive and that was kind of maybe an early warning sign, then here in January 3 of the 4 locations tested positive. Now I want you to understand that this is a complex series of reactions that are not fully understood. But temperature chlorine dose and the amount of organics make a big difference. So what I want you to understand is the colder the water is the lower the formation of these. Our winter months here should be our good months. In the fact that we are showing an elevated level now, we just believe if we were getting accurate measurements last summer, which we weren't we would have seen a much higher problem, but we weren't getting that data.

(ET) you said for a long time, define long time

(JW) Could be years

(ET) okay

(LL) The lab that was doing the samples at that time we had for about three years, because we had a problem with the previous lab.

(MP) But you also told me earlier today, the chlorine level that we had been putting in the water at the treatment plant has been decreased by 75% since January, correct?

(JW) correct

(MP) and that would be one of the major things that you would need $a + b = c$. right you got have that, the chlorine the organics in order to produce these compounds.

(JW) Right and the rate that they form is dependent on the temperature, colder less form, warmer more form.

(ET) And the new stuff we are putting in is there and chemical bi products to it?

(JW) No, not in this same vein, if you overdose potassium permanganate you all will know it because the water turns pink!

(SB) that's what happened in Carlisle

(JW) you overdose the chemical it colors the water, let's talk about that from a sense, you dose chlorine twice in your plant, you dose it in the beginning to get rid of iron and manganese now those are inorganic chemicals that we oxidize to get to settle out of the plant. When we looked at the data from last week, your iron was in compliance before it came into the plant, your manganese was slightly over, so it would of took a very small dose of oxidizer to get you in compliance. And the potassium permanganate you add is an oxidizer; it seems counter intuitive to add manganese to get rid of manganese. But that is what does happen, so you add a little bit of this permanganate it drops out that iron and manganese and it won't react with the organics so it won't form these bi products. Then later in this process you add more chlorine after the filters to get the disinfection residual that is the chlorine residual we all have in our water. What we are going to do here, the levels that you are at right now are concerting. I think you are back in compliance but if we are elevated in the winter it is going to be much more difficult in the summer. What we are going to do is an optimization here, ideally if we could get rid of chlorine at the beginning of the plant that would be ideal and then remove the organics through the filtration and coagulation process in the like and then at the end of it you would have the opposed chlorination and that would minimize your potential. And so what we are going to do is work to optimize the front end and find out how low we can go with in the chlorine that they can still get good water quality, we are going to do some optimization on the back end about how we dose the chlorine and how much reaction we get to be candid the plant has some design challenges that were built into the facility in the '90's that I think with some small changes of a little bit of pipe we can overcome. It is not well mixed you don't have a lot of residence time and so the better mixing you get the lower the chlorine you need to get the same result, because it is being in contact. So there are some changes I think that we can make on both ends that I am going to describe at the moment as not very severe, they are process optimizations. If they work and get us well under the limits we are done, we are good. If those don't get us as far down as we need then there are a next series of things we can do in another series of things we can do to change the way we coagulate in the like. So there's, we are starting at the optimization that is relatively low dollar and low hanging fruit and then we move up the scale of having to spend some serious money, I am fairly confident at the low end we can achieve where we need to be. I mean to give you a feel in the summer you guys were dosing between 4 and 6 milligrams per liter of chlorine. I think you can probably do the same between one and two, 80% reduction in chlorine 80% reduction in HAA5 formation should well within compliance.

(MP) So talk if you would please about the frequency of testing, so there is the quarterly mandated testing that you have to do and report to the state that has been accelerated now and won't be reported right.

(JW) So when this has occurred you folks all got together and said we are going to do some additional sampling, one of the challenges for the operations staff is you do a sample and then you wait a couple of weeks to get the results, there is always a bit of a lagging, what was I doing two weeks ago that I have to change now that I got the data. You guys rushed some tests we should see some results here this week. It should tell us if we are back in compliance. I believe they are going to be very positive for us. So we will get that data. But we are going to do some enhanced sampling for a while to build up, we need to have some track record to show the public that we are back under we have dealt with this problem and we are optimizing and moving forward. I think Louis said that a HAA5 test is \$60.

(LL) Its \$52 to \$75 depending on which lab we use and to put that with the current testing that we are doing we are using three independent labs to sample we are using the one that we used to use, but we have contracted with two additional labs, we are actually taking three samples at each location and sending them to three independent labs.

(MP) So the results that are you expecting to get soon you are going to get triplicate you are going to get three results from three organizations.

(LL) Yes that is right and we are going to compare them and hopefully they will all be in a couple parts per billion with the results.

(JW) One of the suggestions I am going to make, we are going to get you something formal that is a recommendation of pathway to go forward. One of the things I am going to recommend is to get an instrument for the facility up there, it really is judgement. They have some data points but the organics they have no way, it could be crystal clear water but loaded with organics, it could be very dirty and have no organics it is a judgement thing it is seasonal. We would like to get them an instrument it is probably a couple thousand dollars I am going to get a quote, where they can actually run a test with ultraviolet light and get a sense of how much the organics are. So that they start to build a base line to say wow the organics are going way up, maybe I should back up the chlorine off. Give them some ability to make process decisions because right now it is sort of limited on the organics. Your plant was built in the '90's for removing turbidity that is what plants were built for in the '90's. Disinfection bi products have changed the industry it is not hard to remove turbidity these guys do it every day and don't think about it. These are much more difficult to remove, as I explained you can operate between here and here in order to meet these disinfection bi products you have a narrow window to operate in and that window is moving seasonally with water temperature and the amount of organics so we got to give the guys some tools to stay in that lane a little bit easier to get a sense of what is too much chlorine and what is not enough chlorine. In general I would say this is not a huge health risk this is long term prolonged exposure, we were barely over the limit as a I pointed out a couple years ago we would have been in limits. I don't want you to think that this is, I mean we have to deal with it. It is a permanent, serious issue it is not like anything that you are seeing the on television in the Midwest or any of those types of issues. It is instantly repeatable or unrepeatable so if the reaction occurs and they are formed they are out there. If you don't form it, it is not like a condition that develops and then you can't get it back. The day they change, they drop the chlorine dose and add the permanganate it probably went way down. So it is a very quick feedback.

(KB) The only question I have is, since obviously, historically we seem to be having some issues with labs. Is there a reason why when we do the quarterly, why we don't submit samples to more than one lab?

(LL) Cost, it is \$50 to \$65 for the HAA5 test, however the THMs \$170, so we are looking at \$220 per site, so that is \$880 per quarter. That is for one lab, double that and historically this lab has provided us with good data. I am not saying that this lab is not giving us good data, but it maybe historically that the other lab was not giving us good data, we don't know.

(KB) Ok, the lab that we used that we got the hit off in January, is historically giving us good data, but we have been using this other lab for three years that we are now being told that more likely than not was not giving us good data.

(LL) the lab that we were using last year lost their certification because they had quality control issues. So that would lead us to believe like Jason was saying that they may have been not reporting the correct information. And we were operating off of those numbers.

(KB) Historically what is our experience with this lab we have used, that we are using right now?

(LL) Right now, it came highly recommended by more than one testing facility and more than one water purveyor.

(ET) We have only used them once, right?

(LL) Twice, we have actually gone through two quarters with them, plus right now we have two samples into them.

(MP) Jason is there advisability to rethink what Kerri is suggesting, is there advisability to using two labs on a routine basis to make sure the information the data we are getting is matching, if we have a mismatch either you got a problem with the lab or something is up obviously.

(JW) I mean, splitting samples occasionally isn't a bad idea, I wouldn't do ever quarter this way, would you do one quarter out of eight, or one quarter out of four, maybe you would use two labs this is something to think about. Especially given where you are currently at, I mean frankly would you have paid a \$1000 extra to have avoided the thing absolutely you don't even have to think about it. So the reality is there is lab error in the industry, lab error is prevalent it is something we fight against in a lot of the things we do, permit issuances and I literally spent a year trying to get antimony removed from a Waste Water permit because it was a bad hit at a laboratory, and once it shows up the DEP is convinced that it is there. So I guess what I would say that it is probably prudent to watch it, I have used Mahaffey labs I have had good luck with them, I think you are using a reputable lab, I would recognize there is measurable percentage of error in the industry its human error, there test are done, they have quality control procedures. I think part of what we are seeing, and I mentioned this earlier we are seeing DEP more vigilant with the laboratories they are supposed to be auditing. I am seeing sampling and issues across the industry both water and waste water, where miraculously lab results have changed dramatically from where they used to be. And I believe that is an impact from the DEP cleaning up things a little bit. Doesn't make you feel better that you have been operating for three years at where you thought you were here and maybe you are actually here.

(MP) So you are saying an occasional, whatever we determine, once a year maybe or something, a double check, a little spot check on the lab might be in order. That is not an unreasonable or imprudent thing to do.

(LL) I think what we might want to do Mike is, since we test 4 times a year and we have 4 locations, we check, double check or get two samples from one location each quarter. That is an extra \$1000 a year at that particular case.

(MP) Okay so let me ask, if we do that and we have a disparity between the two numbers, what does that really tell you? Does it tell you that ...?

(TP) one is wrong and one is right.

(JW) It tells there are two watches and it is twelve, right! I mean look that is why people often don't do this! If you take sample data like this it is reportable. You are going to end up reporting both of those numbers to the department they are going to take an average of those, maybe the highest, whatever the case maybe. But, it is reportable data. If one reads .044 and one reads .048 it is literally just the waggle in the number. These are very small concentrations and so a slight error is significant 14 ppb between the permit limit and where you are at that can be quite a tiny amount.

(MP) that is small enough to fit between the molecules

(KB) Do you generally state, I know that you said in this particular issue with organic materials, it swells in the warm months. Are there other issues or other standards with DEP that have to be met where it swells with cold temperatures? Or is our worst time always going to be...

(DH) That is a good question. So I told you that chlorine has two purposes, to disinfect water and get rid of some of these other trace things. The trace things are irregardless of the time of year, if you got manganese you got to get it removed. Disinfection we use a concept known as contact time (CT), so scientifically they have proven out on a range on ph.'s, temperatures, and a whole range of chlorine doses how you kill these little pathogens. And so there are relationships that if you are at this ph and if you are at this temperature you need this many minutes. It is a concept known as CT it's this amount of chlorine for this many minutes. Your plant is physically limited on how long it takes for the water to go through and time in effect is fixed. So the only thing that the plant can control is the dose of chemical. So as the water temperature gets colder you need a higher dose of chlorine to maintain that same kill. As water temperature goes up, you need less. And that is actually working to your benefit, as the time when the water is warmer, you should have more organics and also that is

when you want your chlorine to be less. This second set of changes I discussed what we are going to attempt to do is change time in the plant.

(KB) So pathogens go up in cold and organics go up in warm

(JW) So historically what you should be able to do in the winter months, you should be able to use more chlorine because there is less organics in the water and because the temperature is lower you shouldn't get a big rise in formation you should be, if I looked at over it through the year, you should be pretty steady in the winter months you were actually down here for chlorine dose stayed the same but it went up because you added more chlorine in the summer you dropped the chlorine. These changes we are talking about making is to add more time in the clear well or add more time and credit for because the tank is poorly baffled and poorly laid out. And so the DEP is only giving you credit for a small portion of that tank volume, if you can get the water to spend more time in the tank we have added time which means we can drop the chlorine dose.

(MP) So that is the elbow in all of those

(KB) I only feel the only reason that I am saying, possibly two labs Louis is because, I firmly believe that you, or any of our water treatment guys, or anybody in this room knew what was going on. I think that in order to gain some confidence back at least until, because there is so much question has to what has been going on in the last three years that it may not be horribly bad to double up for a while. Whether it be 4 quarters whether it be 8 quarters just to be able to determine that.

(LL) And my plan right now, without any of Jason's stuff, my plan was to test every two weeks, okay, that is fine, if I just send it as a routine test every two weeks. It takes roughly 14 days to get the results back. There is that lag time, if we test every two weeks and we put a rush on it, we can get the results in about 6 days.

Therein lies an issue, one of the two additional labs doesn't charge us anymore, the other lab adds a surcharge for the rushed sample. So here again we are talking not a tremendous amount of money, but I think until we can get this under control, my thought just for me personally is to test every two weeks and go with that and we will implement whatever the recommendations and see what happens. But there is still a lag time, whether it is six days or whether it is two weeks.

(KB) We are not talking about anything that is catastrophic you know, honestly I feel like if it was a pathogen problem and we had an outbreak of some kind of gastro intestinal virus or something like that it would be far worse than this. So it's not that, even when I saw the letter before I knew any of this was going on. I read the letter, but I happen to sit at this board and know this much about our water system and our public doesn't know anything about the water system so my whole issue is rate payers confidence and sometimes it is really hard to get that back.

(LL) We discussed this earlier when we were out at the plant also, because we are going to take these additional samples, we get numbers back from them, and we asked Jason to develop a letter to send out to the customers that were affected, that says look we are doing this additional sampling and this is what it is.

(KB) I almost wonder if that would not cause more panic, I am almost wondering if it would be possible to just have it to be able to be posted on the SBA's link to the borough website. I think that getting a letter from the water authority just in general being official, they look at it and the first thing my eyes were drawn to was no immediate health risk. That was the first thing my eyes were drawn to. They overlook that part and just saw carcinogens; I am going to die, I am going to die of cancer.

(LL) they overlooked the whole thing

(MP) I think that the problem is that this situation got ahead of us, instead of us getting ahead of it. And so now I think we are in a remediation mode. So we have moved the discussion from talking about what we are going to do with the plant and what we are going to do with testing to how are we going to communicate? So now we are talking about communications with our public and with our customers so and that is wonderful I think we should have a robust discussion around this. But since, my opinion, is since we are behind the situation, a follow up letter I feel would communicate the right sort of information to help get that trust back that you say correctly so has been violated or is certainly shaky. So if the letter for instant were to say, a few key points, we

are mandated to report quarterly or to test quarterly that we have accelerated that to testing every two weeks and we get that two week report and it does show that we are moving the needle in the right direction. We can provide those results, we can also provide perspective. What I thought when I first read that letter was the challenge with this letter is that it offers the public no perspective on any of this, it is sort of an alarmist notice coming from the state rather alarmist. As soon as you talk about a compound and you link it to a cancer risk it is frightening and I think we need to do what we can to offer the people who receive that letter perspective now of what that really means and Jason's example he is going to check the data on that for me and provide the hard stats. What it really means in terms what the risk really is.

(KB) the fifty gallons a week

(JW) for 40 years and a one in one million chance

(KB) Steelton is having similar issue except it is the other thing

(JW) which is more common

(KB) And they said two liters every day or 70 years for 3 out of every 10 million is what they were stating and I agree when I read that, I was like that would be amazing to be able to have something that

(LL) The reason I am saying send a letter to the affected customers because those are the people that are affected. Anybody who gets water from our wells is not affected by this at all. This is only a surface water issue.

(KB) 200 customers

(LL) it's something like that, there was actually 165 letters that went out, one of them was to an apartment complex that had 270 apartments, so 400 and some people or 400 some residents. That is the affected area.

(SB) the ridge

(LL) From Roxbury Ridge out Roxbury Rd to the water plant

(KB) We are talking about 1 follow up letter, not a letter every two weeks.

(LL) no

(SB) It would basically say if you want the results, for instance, we have the results at the borough office or we could put them on the website.

(LL) What I am getting at, is yes we are going to test every two weeks, but until we get maybe three test under our belt, we are not going to send a letter out. Because we want to say, okay we tested on this date, and on this date and this date and these are our levels and they are under the limit by whatever.

(KB) Okay so we are talking about not sending a follow up letter for a month

(MP) I have a different view, I think we should send one immediately offering the perspective and telling people what's being done and when they will be receiving results. How quickly we are testing that we will get a number and as soon as we get a number they will know it. And so we will be sending two letters I think probably three and the third letter, the way I envisioned this, the third letter we have enough tests and we have an official report that officially puts us below the reportable level to the state, at that time I think it is reasonable for us to send yet another letter spelling all that out to these people.

(FM) Now that we are in compliance

(MP) That we are now in compliance officially, but we are going to continue to monitor in an accelerated rate for probably a year.

(ET) I like that idea, but I went on face book, which I normally don't go on and I saw your comment and I saw your comment trying to calm them down. But these people were just not in that area; these people were from the other end.

(KB) there was one person out of the 265 comments, there was one individual that was actually physically affected by this letter. The other people like John said, were the ones carrying the torches ready to burn this place down.

(ET) Please forgive me for saying this, and I don't know which newspaper still prints in this town. Is it the Chronicle?

(LL) the Chronicle and the Opinion

(ET) Those two papers would be the best place to send a newsflash about this, so the other people now have it also. Because you are sending 400 letters out to 400 affected customers, but this way you are getting to the rest of the community and saying hey first of all you weren't affected and second of all so that you know, this is what our professional people have done for you. They stepped in, they saw the problem, they immediately acted and this is the result that we have in less than 3 months, we brought it back down and we think we understand what was going on and we have taken big steps.

(KB) I know Steve and I probably use social media tremendously more, just because that just happens to be our goofy generation. I really think that specifically for this area for whatever reason, we ran into the same issues when I was on Borough Council. I really think that it would be beneficial for us in this particular instance to utilize social media specifically the couple of groups where there were torch burners involved.

(SB) those groups in social have issues, because you have that whole oh my goodness the sky is falling, the sky is falling, the sky is falling, we need to go run away because the sky is falling and even though it is falling 15 miles that way. But the reality is, you are going to reach more people with social media, instantly than you are with, that is why our response the response that John did we sent to the lady that runs Ship Info and she posted the response that John had because of the fact. That right there sort of eliminated about 90% of the torch burners and my constantly reposting the same thing eliminated the other 9%, so there is still 1% of the torch burners out there, but they aren't here. We have resolved the issue by moving forward and we don't have anybody here complaining and it will probably come up again.

(KB) I think the ironic thing is the issue was resolved before the letter went out. I think that was what I was trying to get across to them was.

(SB) I think that whatever our response is we don't want to re-unstop the keg so to speak and get it to blow back out. We are moving forward we are continuing to do what our responsibility is and what our staffs responsibility is which is to provide quality drinking water to the community and we are moving in that direction. We are doing what we need to, to resolve the issue so how do we let the community know what we are doing without reigniting the torch burners.

(MP) so I wrote down a few thoughts with this communication in general. This is general communications now so we can create a face book page but that requires creating it and maintaining it. We could do a webpage which we would have a little more control over. But again who is going to create it but who is going to maintain it? We could add something to the boroughs website but I think it sort of the same issue who is going to create who is going to maintain it? We can create a communications committee that would be SBA members would then be responsible for creating information pieces and posting to newspapers and ship info and the SBA website if we had one or an SBA face book page. It involves a lot more effort just to put the thing up there and communicate what typically for us over the years has been very little or no news.

(KB) Why don't we, once again, I am just going off my experience, prior to yours, why don't we have a communications officer? Forest I am going to assume that you are probably our right to know guy in the SBA?

(FM) I have never been officially appointed.

(KB) Generally the right to know guy is the same as the communications guy. It seems to me when there are issues like this, fortunately or unfortunately for them anytime a major issue like this comes up, it seems to fall on the chair and the vice chair, regardless of what committee or board or council you belong to, it is going to fall on the heads. But if you have a communications officer where when information gets translated like this and John and Louis can go directly to that individual and they are the ones that have the pertinent information. They came to you, you were able to digest it they were able to brief you, you were able to explain it to me on the phone in very clear terms, this is what it is and put it in lemans terms. If we just had a communications officer that would be kind of like the pinpointed person regardless of who it is that deals with these types of things that can just for lack of a better term just put out a press release. The borough council has one, it just happens to be our vice chair, or was, it is Kathy, that to me seems like the best way to handle it, instead of

doing a committee. Because if we do a committee in this particular situation, you know this break is Monday afternoon, you guys are here at 8:00am Tuesday morning dealing with it. Where if it was a communications officer Louis, John whatever could just get in touch with that one person and it gets put out. And it would be, I don't know, much faster much more instant much more efficient.

(MP) Perhaps, I don't know I would have to think about that. I think that requires some thought. I like the idea, but then again. In my opinion all communication should be approved by everybody, it is a representation of all of us, so it just needs to be crafted by someone everyone approves it and then you know it can be sent out.

The time consumption there is putting together the communication.

(KB) You were able to get ahold of us all very quickly, I mean within a few hours you were able to touch base with Troy, Angelo, myself, Steve was already here, whatever. Not every instance might be like that, I mean if you would have gotten me 15 mins earlier or 15 mins later, I may have missed your call.

(MP) It was amazing I got you, I was surprised. So first of all, we all need to have our own perspective, this was not the experience any of us would have wanted for our customers or ourselves. But it is rare, I am in my 5th year this is the first time anything like this has happened, so do we really want to create a structure for an extraordinarily rare event.

(KB) I think we have to

(JW) let me give me one piece of perspective, we touched on this earlier. These are locational running annual averages, so we may have great test results next quarter. But recognize we have high one now, right. And so we do have to prepare ourselves for the fact that even though we are moving in the right direction and we are getting the test results down, it is not unfeasible that DEP may make us make notice again because our annual average might be elevated. So whatever you are thinking of, I am very confident that we are technically going to resolve this but it is kind of like having that one speeding ticket that sticks with you for a while. And so I guess what I would say is think ahead, because you may have to deal with this issue, I do think you are getting the pieces in place

(KB) I think that we can't overlook the fact that reason why the SBA exists is because water is so important and water quality is so important and it literally is the life's blood of the community because without water, you don't have a community. I think we almost have to prepare for the worst. And I know you and I, Mike have briefly spoke about this, about notifications and how we can deal with this kind of thing. I brought up nixle which is lack for a better term, robo call that goes out, that we have used for water main breaks. And Louis have you used it for anything else other than water main breaks? Is that something the street department puts out or is that something that comes from you when we have had water main breaks?

(LL) It comes out of the office

(SB) The SBA doesn't have a nixle account, the borough does

(FM) that is not true, I can remember two or three years ago this authority approved spending \$3500 or \$4000 to create an early warning system because it was mandated by DEP, I don't know whatever happened to it, but I know you approved it

(KB) nixle is free

(LL) It's there we still have it, it's designed more for the tier 1 notifications. It can be used for other things but it is only good as the data the customers give us. You sign up for an account

(FM) I am not saying that the system is perfect I am just saying the authority does have a way of electronically notifying people.

(MP) It places a call? Is that what you are saying?

(LL) Basically, what it is, it is a system, DEP requires an electronic notification system, so we went with swift reach. We gave them all the addresses all the phone numbers we have spent the money to have it put in the system. Should we need to do that, so basically it was for a tier 1 notification which is top priority there are critical things wrong with your system. You can use it for others but that is what it is designed for, there are several of us that can go on the site, say Okay we want Roxbury Rd and a couple of other roads from this

address to this address. And we record a message and it sends it out, it is a robo dial, I believe it dials three numbers; your house has three numbers. It will dial up to three numbers per location. And basically it leaves a voice message if you don't answer the phone. That can be used, here is the inherent problem with it, Forest signs up for a water service three years ago and he gives us a valid phone number, it's a cell phone. Just using this as an example Forest, however, Forest changes carriers or whatever, he changes his phone number, and doesn't tell us and the data base is out of date and Forest doesn't get a call. DEP realizes that that is going to happen, however we do have that in place. Nixle the stuff for the nixle for the water line breaks usually I'll call in here and say that we are going to have the water off Park Place West to Park Place and I didn't ask them to put it out on nixle but they decided to put it out on nixle. That is fine, that was a decision that was made in here, I didn't have a problem with that. The problem that I understand is with nixle you have to be registered for.

(KB) Absolutely, I mean granted it took us, oh my, two and a half maybe even longer than that

(SB) Nixle was a John Baker idea, shows how long ago that was

(KB) I mean it took us years and begging and pleading and huge amounts of publicity to get it up and rolling. But once it got out there and people started to learn about it, I can remember you and your wife, at a council meeting saying what, this thing exists, we had no idea! It is instant and it is free.

(MP) and you are able to record a message

(FM) a text message

(KB) or an email

(LL) you can do a voice, text, email

(MP) do you know how many of our customers we have numbers for, or email addresses for?

(LL) At one time, when the system was set up we had I think about 67% of our customers' phone numbers. We sent out post cards to all of our customers, we are updating our systems we need a valid phone number. And we problem got a 10% response on that and now it is part of the application process, when you come in and start up for service, you have to give us a phone number of one sort.

(KB) I mean I hate to make a mountain out of a mole hill, I really do, I am just saying for future and for instances when there is a water main break or something like that. I mean in the borough if it happens in the borough great wonderful you can piggy back off of the boroughs nixle system. But if you have a massive water main break, you know out in Roxbury or in Cleversburg, or somewhere where nixle isn't we can't piggy back off of, for you to be able to have that notification that we can send to them instantly.

(LL) in that particular case, we have swift reach to use.

(KB) Right, but do we use it?

(LL) We have never had the occasion to use it. It is there, it is set up, it can be used.

(KB) I guess that is what I was getting at, I guess

(MP) Jason, what do other folks do, what do other communities do?

(JW) Use their websites quite a bit, the ones I have seen lately are using facebook and have had a good success. I am not a facebooker, I understand it and some of my authorities are doing very well with it. If I was to pick a form of social media, it reaches the most amount of people; it has loyal followers that check it every day.

(SB) Somebody's grandma, whose grandma is not on facebook, is looking at it and telling grandma what is going on.

(JW) It seems to be the market pervasive way to get at it. I think these other suggestions are good, texts, emails, I mean the way we communicate with people is very different than the way it used to be. You pointed that out earlier I thought it was a great point. I would look to be something in that, I have a sewer authority in western pa they make renewable energy as part of the plant, each week they post a little something they are getting dedicated followers and they use it to put out, hey we are closing the road, and it seems to me that it takes someone who has an interest, right? I am not thinking John is a huge facebooker.

(KB) I am on facebook a lot and I am not doing it.

(SB) I was only there that day because I knew it was going on.

(FM) I could never find the site you guys were talking about, Ship Info.

(LL) I follow facebook and when this hit, I shut my phone off, I was not going to get involved in that

(JW) Websites don't seem to me to have been that effective, there was a point and time where they seemed to be very effective you could post on your site. But I would be curious if you get traffic data as to how many people actually...

(KB) We actually went through all of this when I was on Borough Council, John will tell you, the borough website is like, gets essentially no hits, a lot of that had to do with the fact that it is a really poorly done website and as more information comes in, I am sure hits have gone up.

(SB) Half those hits are from me, when I want to check what is going on with the ordinances

(KB) My concern with social media is, and we run into this so very often, you can't make, we can't stop the flow once it is going and people take off and you have to have somebody that is going to be incredibly diligent about removing comments and posting corrections to inconsistent statements and I can imagine honestly, it being darn near a part-time job to maintain a facebook page for a community this size. I would be against the SBA having a facebook page just because I don't think it should fall on our water guys and I don't know of anybody in this room that wants to take it on.

(ET) I definitely don't want to take it on, but

(TP) you will

(LL) there is your administrative assistant

(KB) 5 years, what do you got 4 years 10 months left

(ET) but anyhow, what you are asking is communication with the public, the letter, which was timely I believe, it was within a few weeks of the incident

(LL) It went out, the requirement of a tier 2 notice is 30 days from the notice from DEP, it went out in 21 days.

(ET) okay so it went out in 21 days, now what we can do, is at the website put a post, and have that put on Ship Opinions, but I am not, I heard somebody going on there and taking off the incorrect information, I am don't know how that...

(SB) She was talking about having an actual page itself and like people can graffiti, she is talking about not taking off people's opinions but if someone actually graffiti's on your facebook page. Same as graffiti in the real world, if somebody posts something that has spam, something that has absolutely nothing to do with the Shippensburg Borough Authority site

(KB) or if people get nasty, or start getting nasty and the conversation starts about water and then the next thing you know they are talking about somebodies dog, that is how it goes

(ET) I don't think we should have our own facebook page.

(SB) The lady that runs Shippensburg info she spends a lot of time on that site

(ET) Is she paid for it?

(KB) No, and frankly I love her to death but she is insane for doing it

(FM) She needs to get a life

(KB) I love Christy, no I love her, she knows I love her, I actually know her, but that webpage literally, I swear she has to be medicated to deal with these people, and that is my concern watching somebody, Steve you see the deterioration.

(ET) Is there a way that the Shippensburg Borough website could post something for information purposes?

(JE) We can post anything on our website

(ET) Okay, that is what I want to hear

(MP) We can post there

(ET) that would a place I think, I hate to say this but I still believe newspapers for the elderly, because the elderly do not use facebook and do not go to the website to see what the borough is doing today.

(KB) they don't use facebook but their children and their grandchildren and the next door neighbor's do and that was what Steve was getting at and it so often happens if I see something. I mean my parents don't use facebook but I do, so essentially I am going to know if somebody is having a baby or getting married or whatever and I will call my parents and it would be the same type of thing if I saw an alert on facebook that affected them.

(SB) by all means if we do a press release thing type thing, no problem sending it to the press, I don't have a problem sending the press release to Shippensburg Info, the Chronicle, the Sentinel even though they don't print Shippensburg paper anymore and the Public Opinion. I mean no problem sending all those press releases whether they are going to print it or not, depends upon how much fluff they are looking for that day.

(KB) And when and where it is going to get published in the paper

(ET) Well our website would have it and Ship Opinion would have it

(KB) Ship Info

(ET) yes Ship Info

(MP) Maybe an easy thing is to create a subset of the boroughs website that is SBA specific

(KB) don't we have a tag?

(ET) we do have a tag

(SB) you can create just one page

(KB) Isn't there a tag on the boroughs website?

(JE) I was looking at it today, there is a section for the SBA, it wasn't stand alone, it was just built in

(SB) right now it is just a simple info page it doesn't actually have the info page with the block underneath it, it is just like any other committee right now

(MP) we could build that out and post things there and direct people to that location. So I am interested to learn that we have an immediate way to contact at least 67% or you think 60% of people as long as the numbers are good.

(LL) As long as the phone numbers in the database are good

(MP) Every application includes a request for a new phone number; okay we should be able to reach some people that way if we have an emergency. Louis let me ask you this question and John as well, the next time that anything comes up where you understand that the customers are going to be notified of something, what are you going to do differently next time, then this last time?

(LL) well unfortunately, certain aspects of this my hands are tied.

(MP) what aspect?

(LL) The DEP requirements for notifications to send out these notifications, I don't have a choice on that.

(MP) got it, understand that

(LL) That notice that went out, I had two paragraphs that I could change, everything else was DEP dictated language, and there is nothing I can do about sending that out. John suggested that I send out a cover letter with it, that is why there was a brief cover letter with it. Okay, that is fine, but maybe in the future I may say, hey call Jason we need to do a cover letter for this. In most aspects of what I did on this, was what the regulation required and anything other than that. Yes, I talked to the news media only because they got it off facebook and they gave me a call and said they were going to do this story whether you talk to us or not.

(JW) And I think what I would point out for you guys is, if I would take away some lessons from this is you are no longer anonymous in a faceless service. The public knows about you and there is obviously a disposition for torches and tar and...

(MP) and you forgot the feathers

(JW) yes, and I guess what I would say is, I only foresee a tier 1 notice coming, if you would have another tier 2, recognize it, it gives you the opportunity to get ahead of the thirty days to get your notices out to facebook and then the letter maybe comes a week later.

(MP) That is what I was trying to ask Louis, next time let's bring it to the table as soon as possible and help us. Because I clearly did not understand when you told me, that a tier 1 notification was going to happen

(KB) tier 2

(MP) a tier 2, I didn't understand that

(KB) I don't think any of us did

(MP) so if you would have explained that, and what it meant, that a letter was going to go out and it was going to say these things, I think we all would of helped you craft a letter in addition to what you are mandated to do, so we all would of worked it together and I think we would have been ahead of it rather than behind it

(KB) Here is my concern Louis, I want you to know, number 1 I don't, I personally in my heart of heart I believe that you did everything right, so just let me say that. My concern is that, as he said we are no longer a faceless association, the bottom line is that the 5 of us are pretty much are faceless, they don't know who we are, you know, they don't know that we have these meetings. The first person that was tagged whenever there was a water system whenever this letter got posted, you were like the third comment down. You were tagged in that post and I was like ouch, our water foreman just got thrown under the bus by these people

(LL) And I know the person who did it

(KB) That was my concern, that is was going straight to you because, you aren't the faceless individual you are the one that has been here for 15, 20 years you are the one who is going to be here after that. John gets a lot of the same things he becomes the face of the borough council whether he wants to or not. You know he is the face of the borough council that is my concern is to make sure there is a reason why we exist. And Mike is right I was in this meeting and when I was talking to Mike and he was telling me, do you remember this this this and this and I was like yes, I absolutely remember all of those conversations, but I didn't get level 2 notice out of it either, and I don't know why, because it was clearly there but it just, none of us really comprehended what it meant.

(ET) Ill agree to that, I heard it, nobody seemed to react

(JE) it should be an immediate red flag regardless, whether or not it was a tier 1 or tier 2, because the public's opinion is going to be at the bottom line to everything

(SB) I think what we learned from this process, and Mike I do think we need to revise some of how we are going to communicate, who we are going to communicate to, but I really, I thought that the way we ended up handling it where there was basically the two of you and the two of us together, sitting how we are going to resolve this, brought enough thought to the table to be able to figure out how to accomplish it and I think moving forward from that what we want to do is we want to learn from that lesson. Where that calmed down some of the people with the pitchforks so to speak, if we could do that when we send the letter out, then we have less people to calm down, on step 2. And so what we can is learn from this, the information that you had to send out, and I think that you sort of said that, getting a hold of the guys at Rettew and getting a letter out that basically says what this means to you. So that it is not just a notice from the state, like you can't change what the state says you have to send. But we can send another piece of paper in there and we can be ahead and basically at that moment, here is the letter that we sent to all these people, like send it to the press release for that, so whatever the press release is, that is the paper that goes to all the people to.

(KB) I think the other big break away from it is you knew, before you sent this letter out what every single thing meant, you knew that it was, and I don't want to say that it was no big deal, because it is obviously a big deal, because we are not in within the regulations, but you understood what it actually meant as far as public safety goes. We kind of do, but you really do, so for you to say oh I have to send out a level 2 notice because our whatever, acidic acid thingies are raised you said it in a very nonchalant way, because I can remember it, because you knew what it meant. Next time, be like, oh by the way

(SB) Wake up

(KB) we need to send a letter out

(SB) and really because, I mean said this and I didn't have to post this, but I was going to, unless you tell me Steve, don't drink the water in this zone, like I will drink water out of a tap anywhere, I trust you, and so but the regular community doesn't know that.

(KB) Actually Steve did send me a message that said that, oh and by the way, and I did put that on there as a public water user, there is no concern people

(LL) Yes I saw you guys posts and I like I say I was staying away from it, because no matter, I would of went off of the deep end on these people. And in no uncertain terms I went off the deep end

(MP) and so I think it was a good discussion about communications and I think next time you will know what you do differently.

(LL) based on the discussion we have here, God forbid we ever have to do this again

(ET) apparently we will

(LL) we may

(JW) I think there is probably a good chance there will be a follow up

(LL) I think there is going to be a follow up that DEP is going to require in August or sometime in that time period because the average is going to be high and the year is going to end. So we may have to do this again, but we got myself, we got John, we got the chair, the vice chair we got Rettew, before we send anything out we will just, everybody will comes together, or we draft something and say Hey Jason take a look at this what do you think?

(KB) In all honesty if something like this comes up again, I don't necessarily know if it doesn't warrant a special meeting.

(JE) That is what I suggested, we have an emergency meeting of some sort, to you know, the next day or so we have 24 hours, right Forest, I think it should be discussed amongst the whole board

(KB) A level 2 warning, but I think it warrant it

(LL) If we can get a quorum that would be great

(SB) If it is level 1, okay, move forward, that's okay do what we need to do and move forward

(LL) Level 1 is not choice it got to out within 24hrs

(SB) But sometimes, if you just step back and put the brakes on a little bit, that's the thing, the benefit, I can say this like, If Mike would have been in Mexico, and I am glad that you weren't in Mexico yet. There was some input that you gave that led to the letter, and how we resolved this, that I wouldn't done, and that wouldn't have been out of my idea, each of us had different ideas and we had a little bit of disagreement when we were doing that about one of wanting to do it this way and the other wanting to do it this way and we all worked together and figured out how to resolve it. I think that is the benefit of stepping back a little bit, instead of just go ahead and sending the letter out, what's going to be in the letter.

(KB) the fact is, if we had called a special meeting when the levels came in elevated, we would have had weeks, weeks to deal with it before the notice went out.

(ET) The other good thing is he didn't wait weeks, to remedy the situation he immediately acted and if somehow we can communicate that to the people that our staff was on top of it as soon as possible

(JE) We did, that letter that went out said we took immediate action

(ET) Remember, I didn't see the letter

(JE) oh, I thought I sent it out to everybody

(KB) it was emailed

(ET) that letter, yes

(MP) Alright folks, good discussion thank you very much. I think we know how we are going to proceed next time, Jason thanks for all the great information, and it helped us to gain perspective.

(JE) you are a wealth of knowledge when it comes to this stuff, very much appreciate it.

(KB) Just for clarification, is that what the plan is? To call a special meeting, if necessary if something like this comes up again?

(MP) I think that would be one of the steps we would take and at that special meeting lay out, what we are going to do, what the communication would be like, it is probably going to depend upon the nature of the particular emergency situation.

Discussion/Policies of Special Rate District for the Possum Hollow Road Line

(DH) There was some discussion, last meeting I believe about this issue. It was raised to some extent by our discussions with the Matrix property owners, where we had a meeting with them and asked them to contribute to the cost of the installation of the water line. They had asked for prior protection to a certain level, which I think was 2,500 gallons a minute at 50 or 60 psi's at the existing system as it is installed, will not provide that level of fire protection. It is on a single 12" water line and to the properties and the required or the requested amounts could not be met. So there was a belief that they were going to most likely install dedicated fire tanks on their properties with fire pumps so that, If the sprinkler went off that their fire pump would come on and it would suppress the fire for the time until the fire department could get there and so on. Suggestion was if they contributed, if and when the 16" possum hollow water line would be put in the level of fire protection that they were requesting would be provided. Not only that but that level would be increased to a duplicate of feeds, the water could get to them through two separate pathways, significantly sized one 12" the existing 12" the proposed 16", so they would be provided the level of fire protection that they required and it would be relatively reliable. One water break would not put them out of fire service so they were requested to look at, would you contribute to the installation of this new water line to the tune of what you would have put in to your fire protection system on site. And they said they would have to think about that and that raised the issue should the authority look at establishing another rate district. There is an existing district number 9 that was established to reimburse, we dealt with it tonight. The cost for the initial 12" water line to the business park, could the authority establish a new district to reimburse for the cost of the installation of the new water line and that was the subject of a white paper, if you want to call it that, that Hershey Engineering put together during your reviewing process that suggested that the authority would be undercompensated by the establishment of a rate district using the same formula that was used for district number 9, and proposed a separate methodology for calculating that reimbursement. Michael asked me to look at that document and provide some input, after looking at it, I suggested some issues with it, and I am not going to get into criticizing what it said. I proposed in my letter back to Michael that there may be other ways of getting that reimbursement which would be fair and give you the best chance of getting full reimbursement for the water line if you chose to proceed with wanting to pursue that path. My discussions internally with Jason, and Jason also knows a good bit about this issue when you get to be a certain age and you are in this industry you kind of get around and get to know some of these things. I know a little bit less, just because of my history of only being in Pennsylvania for 5 years, my experience has been outside and where the regulations are a little bit different so I rely on these guys to help me with some of these issues. In any case, we believe it is possible to do that, we believe that there are methodologies that could be used to assure you that the reimbursement would be complete and still equitable, fair to those that were being assessed that cost. I did bring up the issue that we had to be careful even though the water line was going to provide this additional service it also potentially may also provide other benefits to the system. And so that you want to be in a position where you can defend what you are asking other people to pay from an engineering standpoint in an objective way. Therefore that mean, depending upon the person producing the document and their research and their findings that only a part of the line might be reimbursable because it was also serving other purposes other than just strictly increasing the fire flow to the park. So the bottom line is yes we think you can pursue that if you choose to, we think are methodologies that could be used to provide full and equitable reimbursement of the portion of the cost that can be assigned to the fire flow issue and we can certainly be in a position to assist you in doing that if you choose to want to pursue that path. And I know that there is a lot of other questions and I don't want to go into every little detail, I will be happy, Jason and I both will be happy to answer other aspects of that question depending upon what your preferences are on pursuing it or not pursuing it.

(MP) just let me put out a couple of things here, maybe move the conversation along, so what we would need to do is authorize you folks Rettew to create a rate district document, for our approval perhaps at the next meeting, right, and now there is a reason for during our earlier conversation, my understanding is there is a reason for us to move you know with some speed because it's a, whoever shows up at the table first wins. If Matrix comes really quickly and offers a plan and asks for approval, once we give that approval it is too late then to create a rate district. We got to have the right district in place.

(FM) It is not too late to create the rate district it is too late to make them subject to it

(LL) for those properties

(FM) for those two lots

(DH) and the Matrix properties are a good essential part of the business park

(FM) That is why Sheetz was smart to pay their money up front

(MP) So that is one part of it, and we want to move fairly quickly with this. So that we don't find ourselves missing an opportunity, right? But number 2 is I recall that conversation with Matrix, we had offered them the opportunity to voluntarily contribute toward the cost of putting the line in the ground in compensation they would receive, and they would receive compensation remuneration as that land were further developed, so they would get a piece of that back.

(JW) it would be very similar to the district...

(FM) The same thing we did here tonight

(MP) same thing, exactly, perhaps what we want to do is authorize Rettew to go ahead and craft this special rate district for us but during the next thirty days, before our next meeting you know maybe myself and other delegates would go try to find a connection with Mr. Shumano and ask him where's the Matrix on this because we are about to close one of the two doors that were opened for them, and we want them to have an opportunity to walk through that door if they want to. But I think that does two things for us, I think it is, it is in good faith I think we should go and let them know that this is moving forward, before they missed that opportunity. But number 2 it also makes for them to take some action, in any event it enables us then to in good faith, go ahead and approve our rate district, should we all be of the same mind in April.

(FM) Is the idea of having a stand pipe on that site, not a consideration any longer? At one point in time, there was a...

(LL) At one point in time, before timber hill was built, at one point in time, there was going to be a million and a half gallons elevated storage tank there and it was specifically to handle the fire requirements for the business park that was going to provide some assistance to the system, but the majority of that tank was for fire protection for the park. We built timber hill, timber hill

(FM) Timber Hill didn't resolve the problem according to Dennis

(SB) right because the line needs to be completed and that is why we, instead of like since we were ahead of the curve, we approved the line and I think the meeting was already scheduled before, like I think Geno had scheduled the meeting, or attempted to schedule the meeting. The idea was to actually pull Mr. Shumano and Matrix in and explain what we are trying to accomplish and like Dennis had said, if because of that you don't need your towers, and you don't need to spend money on fire protection in the buildings that you are building, then we would like some of that as compensation for the fact that we are building a line. It was to give them multiple options as Mike said, instead of having to create a rate district, instead of having to play hard ball with them, bring them in ahead of time and say, hey instead of wasting money like going forward with this plan all of a sudden and finding out that we are moving forward with this and you putting, like it is a waste for them to put towers in, or to put towers on their sites if they don't need to put towers on their sites when that project is completed. And so that was what our train of thought was, was to give them that as an option, if you can run your numbers and find out if we have this completed, your fire protection is going to be taken care of and your insurance companies are okay with that, then what you should do is compensate us for a portion of that. Of

course they are going to take part of that for bonuses I mean that is what they do. But they should give a significant portion of that to the authority for coming to them ahead of time.

(FM) They should give all of it

(SB) I agree with you, but I also...

(FM) It's a dollar out of one pocket or a dollar out of another

(SB) I agree with you, but

(FM) Why give them a break

(KB) I think because, Steve is being a realist

(SB) What I am trying to do is... I am trying to get as much of this line paid for as we possibly can

(FM) I am telling you they don't do it in Carlisle

(SB) And there are options, we got this project approved and if all of a sudden they come before us and they get approved with Southampton Franklin and there are no towers there, we can just stop the line at RT 81 and not finish it. I mean I don't want to do that but that is another option that is a fourth option.

(MP) So here is what the question is in front of us. For everyone understands any questions about the background on what we are talking about, you all up to speed? So, what we would really like to do is, if the board wishes to authorize Rettew to create this rate district for our approval at the next meeting.

(KB) There doesn't seem to be any reason for them not to, I mean there is no downside for them not to, correct?

(MP) Well, they are going to spend money to do it, you know, I just want to make sure everyone is onboard and we are ready to go

(FM) One consideration you might want to take into consideration is when is the time that you are going to put the line in? Because these things have a ten year life and if you aren't putting the line in, until next year, you are not

(KB) they are saying they don't

(DH) the ten year reimbursement is under the Act 57 legislation, this is a fire protection fee

(FM) we don't have that

(DH) what you would effectively be creating is fire protection fee as part of this to serve a special district that has no ten year

(FM) that is different

(DH) I mean literally that fee will exist until all the property within the district is developed

(MP) So Forest, Are you saying that we can't do that because it is not in our rules and regulations?

(FM) No, you can do it, it's just this authority never has done it. I mean there have been issues with fire protection, the Matrix is a good example, like with Lowes or someplace like that that wanted fire protection. You provided it to them, but there is a charge, but there is not a special fee associated with it, like he is talking about.

(DH) Just to be clear, what we are suggesting is, that you are going to delineate a zone by property, by property line you are going to create a zone where you guys commit to enhanced fire protection, we will define that, but if you are within this zone you get enhanced fire protection, it might be 3000 gallons a minute, we will come up with a designation, then if you are within that zone you will be charged a fire protection fee, when you develop a property.

(FM) right, which is something different then a rate district

(SB) So there is multiple, so Matrix does the right thing, and we get a hold of Matrix and they figure out that we are saving them money so they are going to give us money. When they come to us, we can do a developers agreement, we got the possibility of the fire protection fee or we just stop construction. So there are all sorts of options.

(JE) It wouldn't be by EDUs it would be by developable acreage, right Dennis?

(DH) We proposed several different means to equally assess the fee, the problem with EDUs they don't equate to fire protection. The warehouses put in are very few EDUs but the value of enhanced fire protection is great, so we proposed that using either enhanced, or excuse me, developable acres which would have to be defined or front footage or percentage of the building, the building square footage or some method that equates the value provided to the property to calculate the fee, buildable acres is probably the best approach, and when I say buildable acres I am talking about places where you can't build like creek corridors or steep slopes, you know setbacks for building setbacks where you can't build anything.

(SB) projected roads

(DH) Exactly, you know maybe existing power line easements that you can't put a building underneath it or whatever, even that, we are not talking about building area, we are talking about buildings and parking lots, things like that are included in that development. It is up to them on how much square footage verses some other use. But the value is still there even though if it is a stock yard there is some value to having better fire protection.

(FM) You know my suggestion would be for you at the same time that they are doing that they delineate the rate district 10, because this waterline is going to have the ability to service a tremendous amount of undeveloped land, most of which is not going to be developed commercially or industrially, it is going to be developed residentially. If you think about all the land and at one time there was a plan to extend Clearfield Rd across and meet Possum Hollow, which if somebody does that then maybe this line goes out to Route 11 and services Mt Rock and then all that land in there, and if you are going to do this, you may as well do the other half of it which is the rate district which you don't have to put into place until the line is built. But you may as well because they are basically going to do the same methodology it is just a different are for fire protection as opposed to a distribution fee.

(MP) a rate district

(FM) a rate district like we have

(DH) It makes water service available to areas where there is no water service right now

(FM) somebody builds a house they pay \$3000 to hook up to the water, or whatever it is, we have 9 of them, Sheetz was a good example that is not a fire thing that was simply an EDU

(LL) What you are saying Forest is delineate District 10, not assign a fee

(FM) Right

(LL) Because the District can be delineated and stay that way forever, until you assign a fee for it.

(FM) And then whenever the line is built and we know what it is going to cost we can figure out how much of it is developable and that is always the way it has been at least in my experience, you figure out there is 100 acres 50 acres get developed, you know 50 into whatever.

(MP) Do you have the information that you need to do that?

(DH) I think I would want to sit down and talk to Louis, and Forest and whoever else can give me some direction on the area that you are conceiving that would be in this district so I understand, I want to be sure, I think I sort of understand that it is the area that is around Possum Hollow and maybe

(LL) In my mind there maybe District 10 and District 11, one on either side of the interstate

(JW) We can sit down with you all and define that, I have a good sense of where you...

(MP) so again the question is, we had this discussion earlier today, I feel like I am up to speed on it, I am concerned it is kind of a big deal, everyone else feels that they have enough information to feel comfortable in having Rettew go forward with this fire district. Are we good with that? You feeling good, do you have any more questions, Troy?

(DH) and if we have any more questions

(TP) They are all shaking their heads yes, so it looks like I am out voted

(ET) Yes for understanding it

(TP) I sort of understand a little bit, I tell you what, I am a business guy, I don't want to deter Matrix on one hand and we so need that on the other hand

(KB) I think that the way that we are formatting it, I don't think it would serve as a deterrent. At least not the way Steve is...

(SB) Right, right, we are giving them every opportunity, there is one thing Matrix on their site, on their website we are already listed, the warehouses that they have in the work are already listed available for rent in a couple of years. Like they are already on their website

(KB) And they have to have fire suppression one way or another, whether they build a tank or they actually have what would seem to me a more efficient and actual usable fire suppression which would be public water.

(FM) So you are giving them an option

(JW) We are not autonomously going off and creating something we are coming back to you with a recommendation as to what the fee should be, how you would assess the fee et cetera, you still ultimately will have to take action as a body to implement it.

(FM) My point was a tank verses a pipeline, if they have to build a tank or if they decide to build a tank, they have to build it, that's a cost, they have to maintain it, there is pumps, electric there is a whole lot of, I don't know what is all involved but knowing what Louis does with tanks in our system it may not be a complex but still an ongoing expense, were as a fire fee, and they contribute, hey they write a check and they are done, the line comes and they are hooked up.

(TP) And I am totally on board with that, I guess it was when we started talking about District 10 and upping the EDU cost for everybody that was hooking on to that line on out there.

(KB) Well I think in order to encourage development is amazing, I am totally on point with you Troy, I want to encourage development, that is the whole reason why that building that line came back up this year. My concern is that if we build that line and give it away for development we have to, we can't disservice our other rate payers by burdening the cost of that line to benefit developers and not get something for our other rate payers in return.

(TP) But they are going to be a rate payer too, that is what you got to consider, but like I said if they are going to spend half a million on a pump and a tank, and they want to contribute, I am 100% on board

(SB) Basically the sitting down with them was just to say, Hello we know that you are coming, we know that you want to come here, here is what we are trying to accomplish, we would like for you to pay for as much of this line as you possibly will.

(KB) It is not like they don't run into this all the time

(SB) In fact they are probably like, this is probably something that most authorities aren't doing, we are basically like here are multiple options like Mike said, how do you want to do it, do you want to just do it up front, do you want a developers agreement, do you want us to give you the special purpose fire thing or you know...

(KB) And I think, maybe what you are concerned with some of the comments like, we will just stop construction, that kind of thing

(TP) yes

(KB) Honestly, I don't know, I think Steve was just saying that because that's Steve, he didn't actually mean it

(TP) I understand

(MP) We haven't given him a crown and a scepter yet!

(SB) I don't want to do that, and yes you are right that is me, I will make a motion if all of a sudden everything comes through and there is no water towers on their plans when they get approved we can stall the project

(FM) One other thing you have to consider, you have to look at it this way, when you built your house, and if you didn't have public water you said okay it is going to cost me \$10000 to drill a well, when they build their warehouse and it is going to be 50 million dollars and they say there is no fire protection here they can't guarantee it and Dennis already told us that they can't guarantee their fire protection. So instead of borrowing

40 million 500 thousand we are going to have to build us a tank that is going to cost us 750 thousand so we are going to have to borrow 41 million 250 thousand dollars, so they have the cost of this, that is why I say why would you give them any slack, they already have the cost of this in their plan, so whether they write a check to the authority and get the fire protection or they write a check to somebody to build 750 thousand dollar tank, it is no sweat off their back

(SB) And the guy that is buried in the project he has got a window to come in, as long as he can come in in that window, like then they are doing it.

(FM) I wouldn't let them say, well geez we are going to give you 100,000 thousand dollars or we will give you this.

(DH) I am going to sponsor a float in your parade

(ET) And I understand what Troy is saying, also so if we develop a new zone 10 okay, and those people are going to have to pay more for their EDUs right?

(LL) Yes

(DH) It is a fee probably based on acreage

(ET) okay, alright whatever, does it make if prohibitive for them to be buying the land here rather than based in Chambersburg

(FM) it is cheaper here

(ET) I just want to make sure, because bottom line they are going to look for the cheapest way to do this

(DH) We are going to quantify for you what is possible, what we think is defensible; ultimately you are going to establish a fee based on these things. We might tell you that it is 10,000 dollars an acre. And you might say, we are going to do a 1,000 an acre we are going to try to give you the range of what is possible in your tapping fee and these type of special fees, you can kind of hone in on what you want your policy to be.

(FM) I think one of the things that you want to direct them to do is bring you back what other companies, what other municipalities, authorities or private water systems or whoever that they have access to what they are charging for this fee

(JW) One of the wrinkles, and I don't want to get too many of these wrinkles out, because it misses the point of why we do the study and present it to you. But one of the options is to assess it right now, and then when you develop the property you pay this fee per acre, so a lot of people like that method, well quite frankly it can be built into the development cost, just like you said, we are spending 50 million dollars we are budgeting in the half million dollars it is this cost and no one, and you know it is in the wash. The other way to do it is the fire protection fees can be assessed annually, so in lieu of a one-time charge you can say if you are a property owner within this district you are going to pay us, 1000 dollars a year for enhanced fire protection. And those tend to be unpopular, if you haven't developed the acreage where it tends to be popular where you have developed. Matrix probably wants to pay an extra 1000 a year as opposed to laying out a half million or whatever the numbers work out to. I guess what I am saying is that there are a range of options of how you implement.

(MP) Okay are we good, you all know what you are going to do? Great

(DH) You want us to proceed and pull this together? Okay

(MP) Yes, I think everyone has had their say and looks like everyone is reeling to go, alright, very good great discussion.

7. Update-Rowe Road(JE) You see Rettew has given the green light for the plan design and review as far as the SBA goes. I'll just give you a quick update on where we are at with Rowe Road we have made some pretty significant progress in the past few weeks. Southampton Franklin initially was going to pull out of the project because Penn Dot wouldn't agree to allow an elevated island in the high way they contended that was going to be their reason to be in with us they were obligating \$20,000 towards the project. That was money we certainly didn't want to lose, but it ultimately came down to where if they weren't going to participate, we were going to move on, we talked to Penn Dot there was ways to deal with these signal light issues without Southampton

Franklin, but the night that they discussed it at their meeting they voted to continue on with the project, but just the concrete rumble strip island that you just drive across, it is really not going to serve much of a purpose. It will keep the honest people honest keep them out of that lane for whatever. They decided to move on, we finally have all the residents up there signing off on the issues, Dr. Denning was one of them because he is impacted significantly by the changes up there because of his egress in and egress out to his property. And we got the, Penelec finally has a plan design for us to relocate the poles, so we are this close to having our bid packets ready to go, although Penn Dot was pushing us to get the bid packets out yesterday. When we said we were ready, or we think we are just about ready, oh hold on, we need to get some more agreements in place. So John Kennedy with Penn Dot has given us kind of put us in a holding pattern at this point to go out to bid but we are very close to finally going out to bid and at that point when we get the bids back we are going to know whether the project is a go or not. I am certainly hoping after all of this and Kerri has been involved in it for several years, everybody has been involved in it, it would be a terrible shame for the bids to come in...

(KB) high

(JE) high and just destroy all the work, because it has just been a very good working relationship with the Cressler's and with Mike Ross and the Borough and Carl Bert's office. It has been really great they really tackled some things they were anticipating tackling and of course HRG is involved, it is great to finally see some progress instead of things just sitting. So that is where we are at with Rowe Rd.

(MP) Okay very good thank you

8. Update-Southern Cumberland Water Association (JE) I think we pretty much covered that.

(FM) I think we covered that, Dennis commented about that.

(MP) We good to go? Louis has a question

(LL) One exception Ed Goodhart shared the information that he got from SCWA with me it does not have monthly expenses and income on it, which is something that we would need to look at to determine what the rate district would be along with consumption

(KB) What does it have if it doesn't have monthly expenses and revenue on it?

(LL) All he got was the financial reports, it doesn't have that

(SB) He got a legal pad with numbers on it.

(LL) yes the last time that we got information from them as sketchy as it was essentially 2 8x11 pages one had income and what they had in the bank and all that, and the other was what their expenses were for a month.

(FM) They sent a financial statement from an accountant

(LL) yes that was for the year

(FM) It is not like they only gave us scratch pad

(LL) I'm not saying that they gave us two financial reports but it's not what I would need to look at how much, how much water are they selling to establish a rate district, so maybe you can contact Mr. Flowers and have him talk to Mr. Fink.

(FM) I can get Ed the name of the woman in fact I think I had given it to him

(LL) their bookkeeper?

(FM) Yes, their bookkeeper and she can probably give you that information

(LL) Yes that would probably be better

(MP) so first communicate with Louis, find out what Louis needs and you will get it, perfect, that will work nicely

9. Financial Review

a. Consideration to approve Shippensburg Borough Invoice for January 2016

(SB) motion to approve and recognize the transfer of funds has taken place

(MP) Moved by Mr. Brenize

(MP) Moved by Mr. Brenize seconded by?

(KB) me

(MP) Seconded by Ms. Burrows, any further discussion? All those in favor give their consent by saying "aye"

***unison "ayes" are heard,

(MP) those oppose no

***silence

(MP) No opposition motion carries unanimously

10. Any other business

(MP) Troy do you have any further business?

(TP) nothing further, thank you

(MP) you are welcome, Forest?

(FM) no, thanks

(MP) Steve?

(SB) I'm good

(MP) Louis, Any other business that we need to discuss?

(LL) no, I will have it for you next month

(MP) Alright and Dennis, any further business?

(DH) I'm good

(MP) Angelo any other business?

(ET) No I am happy

(MP) Okay Kerri? You?

(KB) No, I am good, thank you

(MP) Jason, how about you?

(JW) Thank you all for a nice meeting

(MP) You are welcome, thank you too. John, Any other business?

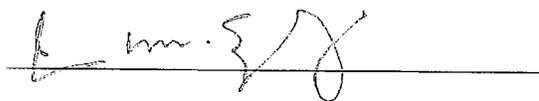
11. Adjournment

(MP) Motion to adjourn,

(SB) motion

(TP) second

(MP) Moved Sir, "aye"



Secretary

Next meeting April 12, 2016