

**WELLSBORO MUNICIPAL AUTHORITY
MAY 18, 2010
MINUTES**

The meeting of the Wellsboro Municipal Authority was called to order on May 18, 2010, in the Council Room of the John E. Dugan Fire Station/Municipal Building by Chairman Robert DeCamp. The Pledge of Allegiance was said by all present.

ATTENDANCE: Wellsboro Municipal Authority members: Grant Cavanaugh, Denny Young, Ed Owlett and Robert DeCamp. Borough Council members: John Sticklin, Rudy Scharf, Joan Hart and Terry Bryant. Mark Dieffenbach, Superintendent of Public Works, Dan Brought, Superintendent of the Water & Sewer Plants, Scott Bray, Engineer and Natalie Kennedy, Wellsboro Gazette.

MINUTES: The minutes from April 21, 2010 were approved as written. Ed Owlett made the motion to accept and Denny Young 2nd.

ROBERT

COX: He was contacted by Tennessee Gas Transmission to buy water for hydrological testing for gas lines. There would be no additives involved. He then asked Scott Bray if it were possible. Scott didn't think, at this time, we were in a position to sell the water. Bob then added that they wouldn't be ready until next year. Bob also got another call from Endless Mountain Energy Co. and they also aren't ready to do anything right now maybe in another year or so.

SCOTT BRAY: Slow Sand Filter # 2 has been drained, scraped and has been filled again and is back on line.

Scott also contacted Ron Gontarz about the sand but has not heard back from him yet. Rudy Scharf suggested that he call Tom Reinhold instead.

The ferric chloride building is done. They are running low dosages of water right now to see if everything is all right and then they will work the dosage up gradually. The filamentous bacteria is now under control.

The microscope that has been order should be here tomorrow.

The crossing to extend the sewer for Greenwood Street will go under the creek on Friday.

Metalkraft has requested that they be allowed to send their non-contact cooling water with a few additives down to the sewer plant similar to the request that Trucklite had a few years ago. He has checked and there doesn't appear to be any difficulties if we accept and suggested that we recommend to Charleston Twp. that they accept the request since it is their sewer line. Ed Owlett made the motion to send the recommendation to Charleston Twp. and Denny Young 2nd. Passed.

DAVE ANDERSON: Dave reported that the pump test last month went well. The data looked good also. We ran 250 gallons per minute and had an 11 ft. drawdown on the well, equating to 360,000 gallons a day. Based on these results Dave thought that we could move forward on the permit. There are two items that need some evaluation. We had received permission from Haliburton and Ground Water Sciences to monitor a couple of the wells on that site. There was some minor drawdown of a couple of tenths of a foot during the Keck Well testing. Dave didn't think that there would be significant but it was a concern with DEP. He has been in contact with Ground Water Sciences. They have monitors in all of the wells for the Dresser site. The issue of influence between the wells is important to both parties and the documentation that it is minimal is good for everyone. Dave would like to see the data from the monitoring wells from Ground Water Sciences before he finishes his analysis.

He has been in touch with Bob Watson who has been in contact with his employer a division of Haliburton to share the information from the monitoring wells. They will share as long as we share are information with them. He needs permission from the Authority to go ahead and share the information. The second issue was the potential impact to the wetlands adjacent to the Keck well. One of the shallow piezometers drew down more than any well out there. This shows some degree of connection to the well and the surface water. This is not an issue for water quality for the Authority but it is an issue to the Department on potential impact on the surface water. We had a similar situation when we permitted the Wooden Shanty Well and the Pump House Well being adjacent to the wetlands. However, DEP now has a procedure in place to address this issue. He still didn't believe it would be an issue though. If the Authority gives permission to share the information he can go ahead and finish two sections of the report and have the report ready prior to next month's meeting.

At that point, the well will be ready for what to do going forward with permitting. Dave recommended that there be preliminary discussions with the DEP about the Dresser site and the shallow piezometer rather than submitting the permit. The permit would require a significant amount of design and you need to see if Department would accept it from a hydrogeological standpoint or be able to address their concerns. They may tell you to back off on the gallonage to reduce the effects on the Dresser site. Larson Design would need the gallonage amount to do the design.

Another issue is to how to address the SRBC. If you come in with an addition or update to your system, they are requiring systems to permit all of the existing sources with the Commission. They are also not giving any Marcellus drillers approvals to buy water from grandfathered systems. There are some grandfathered systems out there that are selling water but they got their approvals before the Commission changed their way of going after grandfathered systems. Dave recommended that we schedule a meeting with the Commission and go down and discuss with them what they will require if we permit this well. He felt that Scott, Mark, and a couple of the board members attend that meeting and hear it firsthand. They needed to call them to schedule a meeting in July now. He didn't rule out the possibility that the DEP would address the Dresser Plant

issue or SRBC to address the surface water issue. They might say that they would permit the well for a lesser amount or require some additional monitoring as part of the permit. He still believed that the well could be permitted. John Sticklin asked Dave what his opinion was on what the SRBC would request. Dave's response was they have the possibility to have a by-pass flow, They could place restrictions on when and how much water could be drawn from certain sources. He doesn't know how much additional testing they would want for some of the wells and because of the fees involved you might want to evaluate the sources.

JOHN STICKLIN: He had a concern with the drawing off the wetlands. Dave responded that it was a degree of how much water was being pumped, by the well, is infused with the recharge area of the wetlands area. If it can be shown that it is only a small amount and they except, it won't be an issue. If they do find it an issue, then we need to know what could be drawn, to be accepted and that could require additional testing. He wasn't as concerned with that as he was with the Dresser site issue . John Sticklin was concerned about how the water was being drawn out by the well could effect the plume. Dave didn't think there was enough impact on that well to pull the plume out. You are not pulling that much water out of the system to make water that is flowing South and make it flow North. You need to look at travel time and how much an impact it is. There is also the argument that the Dresser site has a more continuous clay layer. They have a lot of data to support that. Our data showed that the deep wells that we monitored that showed an impact and the shallow wells above the wells showed very minor impact. Dave has had conversations with Bob Watson and he felt that they could work together and address the concerns that DEP and the community had. It would be advantageous for them to cooperate with us. John stated that it would be interesting on what the data would show on a day to day basis. Dave stated that they have cleaned up the old well there. They did figure out where the plume was.

MARK DIEFFENBACH: He asked about the trigger level for SWIP where DEP is concerned. Dave responded that SWIP was a totally different thing. 10% of Q7-10 which is the low flow that can occur is a stream in a seven day period that is expected to last seven days every ten years. You would need to document that the impact would be less than that number. SWIP is the influence of surface water organisms and that wouldn't be an issue because of the dept of the well.

BOB DECAMP: The request is share the pump information with Ground Water Sciences to receive their full report . Ed Owlett asked if there were any legal issues to which Bob Cox responded that the report has to go to DEP and would be available anyway. Bob then asked Scott if he had any concerns on security issues. He didn't know of any. Dave also commented that the Dresser site has different requirements that they had to follow to submit their data. They have to do a site characterization before they send in the report that they are still doing and could be for a couple more years. Terry said that it was our report so we can share. Ed Owlett made the motion to share the report and Denny Young 2nd. Passed.

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DAVE ANDERSON: Dave then asked if it were all right to contact the Commission and DEP to discuss these preliminary meetings. He would lay down some ground work on what we would like to do and feel them out to see if it were going to work. Bob Decamp commented that it would be cheaper to do that then have the engineers draw up the plans first.

Bob Cox suggested that we take a look at the contacts with Moody & Associates and Larson Design to see when they end and what they do in the future with the permit applications and design. Dave then asked if there was a minimum amount of water that would be acceptable. If you look at your sources even if the well was at seventy gallons a minute it would be better than the three wells you have. You would need to look at how much water you need to replace pulling water out of Hamilton Lake.

MARK DIEFFENBACH: We can't turn off water to Hamilton Lake without an equal amount of water. He and Dan turn out intakes and turn on the Lake when thunderstorms come and when things get better they turn off Hamilton Lake and turn on the intakes.

DAVE ANDERSON: He would finish the report , address the issues and get the data, then they would have everything done that they were supposed to do.

RUDY SCHARF: When will the well be permitted?

DAVE ANDERSON: When the report is all done, the well drilling and the test site has been done, he has done what needed to be done to submit the permit on his end. There are some concerns on how the Department might respond, that before you go through the expense of engineering to complete the permit, you might want preliminary meetings with DEP and SRBC to see how they will require first. He will have the report finished by the next meeting.

DENNY YOUNG: What are our chances of success?

DAVE ANDERSON: I think that coming up with a final situation where everyone is happy. The Authority has the water system that is needed and that you have excess water that you could sell for the Marcellus Drilling, the DEP is happy and SRBC is happy. John Sticklin thought they were on the right track on having the meeting with DEP first. They could give us a heads up on what they want before we send in the permit. Dave said that what we have done so far what have happened no mater what. Now it is all an engineering design. He didn't know how long it would take Larson to design and get the permit in and have DEP review the permit. For example, if the meetings were set up in July or early August, we could decide on a course of action and move forward. If we were to submit the DEP permit and SRBC permit applications by September. Scott interjected that there would be six months of SWIP also. The SRBC's review could take 18 months to get.

TERRY BRYANT: The next month's meeting that you were talking about wasn't until July or August before we could make an intelligent decision to move forward or not.

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This thing is dragging on. Dave responded that his stuff would be done in June. The Authority would then need to decide if they wanted to move forward with the well. Once this report is done there is still a permitting package that has to be done that is primarily an engineering design for DEP.

RUDY SCHARF: He was under the impression that once you were finished that the well was permitted and ready to go.

DAVE ANDERSON: Everything from a hydrogeologic standpoint is done that needs to be done in order to permit the well. The permit also includes on how the well is going to be connected into the system and how it will be chlorinated and that will be a part of the engineering design. That wouldn't be part of his job.

TERRY BRYANT: He asked that if everything goes well it could be a year and one/half before draw water?

BOB DECAMP: It could be another 18 months before we get approval to connect.

BOB COX: He asked Dave what his experience on getting assistance from state senators, congressmen, whatever to expedite this process. Dave responded not very successful. They are a federal agency and at this point, even the drillers can't make things go faster. Having the preliminary meetings to see what they want and having everything in order on the application so that their review can go as quickly as possible. As far as the Keck well, the issue is not the Keck well but what might have to happen with all of the Browlee wells. From conversations with SRBC on other issues, they did not plan to have the grandfather clause go on forever. They may come and say you would have to permit these sources. They could say that you could do 1-2 sources a year for the next five years. There are not approving systems that are grandfathered in to sell water to Marcellus Drillers until they come in and gets the permit or when a system comes in to add a source.

MARK DIEFFEBACH: Every source is metered. Scott knows the system and everything has been evaluated. We have a lot of data to support it. Dave said that one of the requirements on the permit was what Mark already has. He hoped what that data they had would not require them having to do pump test.

DAVE ANDERSON: There is some financial worth for the ability to sell water to the drillers to offset the costs incurred.

BOB DECAMP: He asked Dave if he would have the report done by the next meeting. Dave will put into a letter of what was said. The Authority has to talk about two different meeting and authorize the engineer to provide data of current use.

SCOTT BRAY: We need to have the report so that we know what the report and the recommendations are. We need to know what are potential pitfalls are and meet with DEP and SRBC to see what it would take time and cost wise to get from A to B to get it

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online. What is it going to take to go back to Brownlee cost wise and the impacts on it on permitting the well.

JOHN STICKLIN: He didn't think that the Commission would be a problem if we could balance what we had from the Keck well would be equal to what we release.

SCOTT BRAY: There would be no net gain. We don't want to give up what we have. The water system is dynamic. Bob Cox commented that all of our water ends up in the Susquehanna River except water that is sold. Scott stated that how surface water intakes are shut off when thunderstorms come to prevent the water from getting muddy or take water from here or there or not from here or there as being part of a dynamic system. Dave stated that the SRBC was interested in Hamilton Lake. Dave stated that we had DEP permits and not SRBC permits. Denny asked what the goals were and Dave's response was that DEP dealt with public safety and to protect the environment. SRBC's primary concern is to balance the water to maintain the basin.

BOB DECAMP: He said to wait for the report, go over the information, set up meetings with DEP and SRBC. Dave suggested that they could tour the system.

BILLS:	WATER:	Cox, Stokes & Lantz	\$ 941.35
		Seewald Labs	<u>\$1,418.00</u>
		TOTAL	\$2,359.35
	SEWER:	Cox, Stokes & Lantz	\$1,056.30
		Denny Electric	\$ 98.28
		USA Blue Book	\$1,248.18
		W Scott Bray	\$ 422.50
		Kennedy Home Center	<u>\$ 8.55</u>
	TOTAL	\$2,833.81	

A motion to pay the bills was made by Ed Owlett and 2nd by Denny Young.

The bill for Moody & Associates. Sue recommended that they use the CD at First Citizens for the amount of \$58,372.73. We are allowed one free withdrawal per quarter. We would then need to ask the Borough to finance \$17,933.20 from their water rainy day fund.

Terry Bryant stated that we didn't know the final bill yet. We should pay the CD portion but wait on the rest until we get the bill for the final amount.

BOB DECAMP: He asked about how Al Zeigler was doing on the Penn Vest Loan. Sue stated that he can't close until he has all of the bills.

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The motion was made to pay the amount of \$58,372.73 from the CD and wait for the final report and payment before the rest is paid. The motion was made by Ed Owlett and 2nd by Grant Cavanaugh.

RON GONTARZ RESIGNATION: Ron Gontatz sent a letter in resigning his position from the Authority due to the increase demands at work making it difficult to devote his time to the Authority. After some discussion, the resignation was accepted. The motion was made by Grant Cavanaugh and 2nd by Ed Owlett. The secretary will be instructed to send a letter to him.

BOB COX: The Authority will make recommendations to the Borough on a replacement and the Borough will make the appointment.

Meeting was adjourned.

Minutes prepared by Teresa Marshall