

**Dighton Water District  
192 Williams St.  
No. Dighton, Ma 02764**

**Sue Medeiros  
Paul Joly  
Paul Pacheco**

**COMMISSIONERS**

**Carol A. Stevens  
TREASURER**

September 21, 2010

A meeting of the Dighton Water District Commissioners was held at the District Office at 6:00 PM. Chairwoman of the Board, Sue Medeiros, at 6:04 PM called to order commissioners meeting, Paul Joly second motion, Sue Medeiros asked if all in favor, all in favor.

Sue Medeiros "First on the agenda is AECOM, Steve DeFrancesco and Mark Owen. Steve is running late and Mark has agreed to wait for Steve and move on with agenda. We will move on to correspondence which is a letter I received. I received a letter from a customer on Milk Street. The letter is addressed to me and is not a happy customer. It says "Please explain to me why am I paying so much for clear water and not receiving it?" Then it shows rusty water. She continues "No credits due to soiled laundry, dishes, no reimbursement for extra cleaning and scrubbing and is it safe to drink?" She says "I get plenty of notices when there is a water ban but no notices when there is a water emergency such as this one. I think the District needs to take immediate action to protect its users, please consider the following action items." Sue Medeiros "So this is what I want to go over. She (customer) continues "If we implemented a public notice system, text messages like the school district, immediate web site message." Sue Medeiros asked "We have our web site, do we put on there when we're having problems with water, do we do anything like that?" Superintendent Charles Cestodio "Anything that I have to notify the public, the notices go out and I also post it in the Gazette." Sue Medeiros "So you post in the Gazette and notices go out?" Charles Cestodio "Most of the emergency notices, unless it's a boil water order, then it would go to the radio stations, news, TV and so forth. It depends....." Sue Medeiros "It's one of those things that happened that day. I think I had a day too at my house for a few hours but then it was fine. And we had some phone calls. But this is what she's asking I think it's just asking a little too much. She's asking "Implement a public notice system, text messages like the school district." Sue said "I don't know about texting. She asks for immediate web site messages. I don't see a problem on our web site if maybe we put a little thing that flashes issues with water or rust in

water." Paul Joly "Can it go on the cable too?" Sue Medeiros "It's just weird because it could be (discolored) today and tomorrow it could be fine right?" Charles Cestodio "Yes." Sue Medeiros continued "Do you usually know what streets? Do you know what streets because they're calling you?" Charles Cestodio "The only way I know is because they call and a lot of them say they don't want to call. But I don't know there's a problem until somebody calls." Sue Medeiros "There's a lot of old pipes out there. Then the resident continues "automate phone calls to residents, automated message when I call the District, refund customers when quality of water..." Sue Medeiros "So what I would like to do, Tina if you could draw up a letter, in response to your letter that was sent to Sue Medeiros so forth on September 12. Do you have a letter you've sent in the past to customers that have complained about water?" Tina Bragga "No." Sue Medeiros "Well write we received her letter, we understand her concerns and that the Water District is taking every measure available to give the District resident's clean water. Unfortunately do to old pipes and a series of leaks. Unless the residents call the District, give the phone number, and inform the District there's a problem with their water we really don't know, because it can really sporadic. It could be on Milk Street and only on Milk Street. So I just want her to know that. Put in there that we will be doing a total flushing of the hydrants again in October. So she knows we're taking her letter seriously and go on to say for her soiled laundry we have available the rust out. Put we are addressing her concerns." Paul Joly "We should show what we have been doing and we are going to be putting flushing signs up throughout the town." Sue Medeiros "Right and I would put in there right now if there is an issue with the water it is posted in the Gazette, notices do go out, get posted in local stores. But when it happens on a certain street we don't know unless they notify us, that is what you need to stress. The commissioners are working with the District to get a new sign." Paul Joly "It shows that we did address the problem, what we have done and what we will do." Sue Medeiros "Chuck do you want that letter coming from you or from us, it's up to you?" Paul Joly "It should come from Chuck." Sue Medeiros "And down the bottom put cc Board of Commissioners so she knows we know about it."

Sue Medeiros "Now that Steve is here we will jump back to Steve & Mark first on the agenda." Steve DeFrancesco "Just wanted to stop down and give you an update where we are." Sue Medeiros "Good, we appreciate it, we really do." Mark Owen "I thought we would just real quickly go over what we have done in the contract and what's left to do. We did perform water level monitoring about Cedar Street well #3 and Walker St well #3 locations. We did take a look at the water level data, analyzed it and basically determined that really both locations have less than a foot and a half of water fluctuation at the proposed locations. We made a recommendation that the sixth production well be installed at the existing Cedar Street Well Field #3. We also made the recommendation that a new water supply source be pursued at the Walker Street Well #3 location. Since we met last time we did meet with DEP, Chuck (Cestodio) and I meet with Kermit Studley and we did talk about 3 things. One was the installation of the sixth well at Cedar Street Well #3. He was fine with adding the sixth well on at that location. The one question that we had was that in general when you're installing wells at a well field you can only move an additional 50 feet to put in the next well where this wells closer to

125 feet. Kermit said that because this was a well field that had been grandfathered in and there were already the test wells that had been done in that area that we could just go ahead and install that. He said if you want to you can take a look at putting a well in between the two but that wouldn't even be the 50 feet. I don't think that's necessary. Second thing we talked about was beginning the new source approval process at Walker Street Well #3 which is behind the building. He was all for that, he did ask the question, is this for additional water. We said at this point in time it's not. It's basically to provide redundancy to the existing wells in the system. DEP and Kermit are all for that, they want to see additional wells." Steve DeFrancesco "One thing good about the State is they look at your water use over a yearly bases, so it doesn't mean that if you have a hot summer day with extra wells you can pump more during that period. They look at it at a yearly bases you don't need more water down here, you have your spikes in the summer so you can pump more on a daily bases but over the year you should still be fine. But it gives you that flexibility on a hot summer day." Mark Owen "The third thing that we talked about is what we talked about at the last meeting which was replacing Cedar Street Well #2. Cedar Street Well #2, that well was redeveloped this past winter and within a couple of weeks after the well was brought online it started to lose production rate. Water levels started dropping down in the well. So at the last meeting we talked about replacing that well and basically we did talk with Kermit about it. He was fine with the well replacement and he's allowing up to 250' away from the existing well as long as you maintain your zone one which is a 400' radius. So Kermit had no problems pursuing any of these projects." Steve DeFrancesco "Is he the final say or close to the final say for Southeast region?" Mark Owen "In general if he approves it then it goes basically on up the chain. So the tasks that remain under the existing contract is to coordinate testing and sampling of 2 test wells at the Cedar Street Well Field #3. There are two test wells there but both of those wells are when you pump them they pull in sand or gravel and they're not very representative of the formation, it limits the amount of water you can draw in. What we talked about at the last meeting was we could repair those two wells or install two new wells at those locations. And that would require bringing in a drilling rig." Steve DeFrancesco "Is it a 2" diameter?" Mark Owen "2 1/2 inch diameter galvanized well screen and steel pipe well. It would just be a matter to see... they probably cannot pull the well screens but they would certainly try to flush them out, see if they can drive the pipe down, pull the well screen, put a new well screen and then just pull the pipe back up it would be very quick." Charles Cestodio "When I had Layne in, when I had them cleaning either Cedar or Walker Street wells and they did, we actually tried to run a pump test. What they did was when they actually tried pumping them out they were getting chunks of the screen. The screens have been in there so long they're actually rotted. They were getting gravel." Sue Medeiros "Are they the same wells were talking about now? Those screens have had it?" Charles Cestodio "Yes, same wells, the screens have had it. They've been in there for 30 years. They have pin holes. The condition of the pipes that are there now are to far gone. If you want to pull them that's fine. That's why I was talking at the.....That time I think what you wanted to do as far as drilling a cluster of 3 or 4 (wells) around the existing or did you just want to pull what's there and try punching a few holes? Sue Medeiros "You have to bring that drill rig in to do all this

right?" Mark Owen "Correct." Steve DeFrancesco "Are those screens okay?" Charles Cestodio "No they blew those out." Mark Owen "So before we put a final well in at Cedar Street Well #3 we would like to go in and replace these wells and pump them. See how much draw down we get and then also to get water quality analyses. It's been a while since they've been pumped and tested and before you go to the additional expense just make sure everything is good with the water quality. The other thing is we want to summarize the results of the water level monitoring and then the testing at Walker Street Well #3 and Cedar Street Well #3. Then we would assist the District in drafting a letter to DEP requesting that the sixth production well at Cedar Street Well Field #3 be installed. We've verbally done that with Kermit, he's fine with it but it's just a matter at that point in time once we've tested the water quality, once we've done a short term pumping test at that location. Just submit that information to DEP and get their formal approval to do that. That usually doesn't take very long to do. Once we get their approval on that it would be installed, tested and then connect the 8" diameter well to Cedar Street Well Field #3. So based on our discussion with Chuck and the last meeting here. I've already discussed replacing the existing wells at Cedar Street Well Field #3. The other thing we recommend starting is doing some test well drilling in the vicinity of Cedar Street Well #2. Those are the recommendations beyond our scope of work at this point of time. One of the things that we wanted to recommend is that we could get started with that immediately. At this point in time we're probably only about \$10,000.00 into the \$87,000.00 contract." Sue Medeiros "So there's still enough money from the original contract to do this?" Mark Owen "Yes." Steve DeFrancesco "If I remember correctly the appropriation was \$250,000.00." Sue Medeiros "Correct." Steve DeFrancesco "This phase is like 80 something was the contract. I think we are only about 10 to 15 thousand. We can keep moving on things. The thing that we wouldn't have the money for then is adding the actual 8" diameter production well in Cedar Street #3 because that was part of our contract. We have enough to keep going." Mark Owen "So before we got to that phase we would need to do a contract amendment to do the test well drilling and some of the expenses." Sue Medeiros "Any idea what that would be?" Mark Owen "It would be around 45 to 55 thousand dollars. That primarily depends on the number of wells that we drill and the price per foot for drilling which fluctuates with the price of steel and wage rates." Steve DeFrancesco "So a majority of this cost is us going out getting a driller to do this work. There's a small percent for the observation of when they're doing it (drilling) and pumping but most of that is the drillers." Mark Owen "Our work would be getting cost estimates from the drillers, from at least three drillers and then signing a contract agreement with the drilling firm selected and then go out and do some observation of the drilling and then we put together a letter report saying this is what we found. What we'd look at doing is just kind of move north and south of the existing well, maybe put three wells to the north, three wells to the south. We would test those, look at the soils, how deep the wells is, how thick the aquifer is. We would have pumped each of those six wells and then at the best two or three locations go back and put in a second well right next to it. That second well next to it would allow us to pump one well, look at the draw down in the other well and that would give us an idea of how much you could produce at a well at that location. The other option that I mentioned to Kermit is that I asked if DEP would be alright if we put in a well field as opposed to

a single well at well #2 and he was fine with that. DEP was open to doing a series of wells as opposed to one well field and they were okay with that." Sue Medeiros "Your recommendation is to do a series of wells?" Mark Owen "My recommendation is to do one well. If the one well doesn't look like we're going to get the 150 gallons a minutes we may want to consider doing a couple of wells." There was a discussion on the strain of the system with possible sub divisions coming in. There was a discussion on other possible sites for future well sites. Mark Owen "At the conclusion of the task that we have mentioned here you would be ready to connect the 8" diameter well at Cedar Street Well Field #3 to the remainder of the well fields. So we talked about running around 45 to 55 thousand for doing the test well investigation and that includes putting in the two wells over at Cedar Street Well #3." Sue Medeiros "Does that still fall under the contract those monies?" Steve DeFrancesco "That one no." Mark Owen "Last we talk about the new source approval process. New source approval process is DEP's process for getting a new water supply well online. It takes roughly two to three years in order to get through that new source approval process to the point where you're ready to design the pumping station and ready to design the final well itself. We estimate for engineering, observation wells roughly \$175,000.00 to \$225,000.00 to go through that process over three years. Over the first two years is probably around \$100,000.00 between the drilling and the engineering, so basically that would be the balance of the \$250,000.00 that you appropriated last year. Would cover for another two years then would need to appropriate roughly an additional \$75,000.00 to \$125,000.00." Sue Medeiros told them to continue with the work on the contract. "When you're ready to come in with the amendment let Tina or Chuck know."

Sue Medeiros "I'll step down and make a motion that we skip around on the agenda to approve warrants and minutes." Paul Joly "Second." Sue Medeiros "All in favor. Carries." Commissioners signed and approved warrants and minutes.

Sue Medeiros "Are there any announcements?" Tina Bragga "No announcements. I will be sending certified water bills out this week." Sue Medeiros "Okay, yes get those out. There is no public input."

Sue Medeiros "Okay we are going to go back in order. We are going to new business total coli form at the Elm Street tank." Charles Cestodio explained how he does testing upstream, downstream, had a hit last week then had a clean sample. "Where we stand we are in violation because we have exceeded the MCL's but the number of total..." Sue Medeiros "So what do we do?" Charles Cestodio "Not much you can do, I can keep sampling, monitoring, she said you don't have to. I'd like to continue. I'd like to jump on the band wagon and try to contain it. Try to get rid of it, bring the chlorine into the area and get rid of it. A total coli form hit to them is no big deal, it's an indicator that you may have a problem. I had talked to Chuck at DEP and Steve had recommended about putting a float boat in the top of the tank. It's like a float boat you would put in a pool with chlorine tablets, it's similar. It's expensive, Steve said we should look into it for next year. Nights are getting cooler, heat is what causes the problem. That's where we are now when I got the price the last time you're looking at \$3,000.00 to \$4,000.00 a whack. Then they

have to come back, it only last a month or two. When I talked to Chuck at DEP, once we install a float boat in the tank the tank is considered a treatment plant and it requires additional testing. We are in violation so I will need to post notices by the end of October.

Sue Medeiros "We are going to go to Old Business, discuss and decide on drop box for payments. Chuck showed commissioners a few different drop boxes to pick from. Discussed the different boxes and where to install. Sue Medeiros "Once box is installed put on cable and web site that we have a drop box and not to put cash in box." Commissioners picked a box. Sue Medeiros "Chuck do we have money in the budget for this?" Chuck Cestodio "I'll get it. Sue Medeiros "If we have to replenish from free cash at the next District meeting. I step down and make a motion that Chuck order this drop box to help serve the people in the District." Paul Joly "Second." All in favor.

Paul Joly "I talked to Scott yesterday, he will get those signs (hydrant flushing) for us."

Paul Joly and Sue Medeiros discussed meeting scheduled for September 28th at Dighton Rehoboth High School regarding the Water District sign and if Chuck could make this meeting.

Sue Medeiros "Next hydrant markers." Charles Cestodio "They make them different heights, they are flexible. They bolt right on the top of the hydrant and they bend over to open hydrant. They also have reflectors on them." Paul Joly asked "How many do we need?" Charles Cestodio "There was a dozen definitely, they are not going on all. Just the ones that are low or hidden. I will give them a call and get a price."

Sue Medeiros "Chuck, lagoons pumped." Charles Cestodio "I have them coming down tomorrow. They should be here about 8:00 AM to pump. The center one we have drained down quite a bit now. They are going to come in with a tank truck with a pump on it. There is still some water in it, there's about a foot. They'll pump, they'll skim off the top. Not going to clean down to the rock."

Sue Medeiros "Okay next National Grid, I know you did this audit, how'd it go?" Charles Cestodio "Good, we gave them all the information we had. We went around to the different locations, they took pictures. I also sent the information out, they're suppose to be coming in to change over these lights. I'll need to get a lift to do the ones in the filter room." Paul Joly "The good thing about this is I think what we've got to do is we've got to start keeping a record of improvements and money saving features we're saving the District. One would be the accounting program the other one would be this program here." Sue Medeiros "This is all the stuff we'll bring up at the District meeting. Carol usually does a list of accomplishments." Paul Joly "Unfortunately we don't get a lot of people that show up at the meeting so I think when we do your annual mailing, put that in there. Also we can probably put it on the web site. Are we getting any hits on that web site?" Sue Medeiros/Tina Bragga "I don't know." Sue Medeiros "Tina can you

check with Jason, find out, he should know." Paul Joly "That is very important because right now we have an image of spend, spend, spend." Charles Cestodio "As far as the energy audit, there's tons of different options out there. National Grid, they looked at the well pumps, all the vertical turbine pumps at the wells." Sue Medeiros "Is she going to be coming back and give....." Charles Cestodio "She's going to draft a report and submit it to National Grid. Will send us back a copy of the report with any recommendations. If the change is going to pay off in two or three years, if it's not going to pay off for 15 or 20 why bother."

Sue Medeiros "Pickup truck, patch and trucks in general." Charles Cestodio "The box truck blew the brakes again today, it's an "82", it doesn't have many miles on it but it's in tough shape. We don't use it that much. We just had the front end brakes done a couple weeks ago. The pickup, the bumpers going to fall off." Sue Medeiros "Chuck, tell us what you need, you know better than we do. This box truck you have is this where you keep most of your equipment when you go to a break?" Charles Cestodio "The only question I want to ask is do you want to keep fixing, what do you want to do?" Paul Joly asked how often do you use this truck. Charles Cestodio "It all depends, lately with all the breaks we've been using it quite a bit." Sue Medeiros "Would you say that's more important than a pickup truck?" Charles "Not necessarily." Sue Medeiros "Or are we at the point where we need both?" Charles Cestodio "The pickup needs an exhaust and tires." Sue Medeiros "How old is the truck?" Charles "96." Paul Joly "Can we get away with a small white truck?" Charles "Yes." Sue Medeiros "I know on the last District meeting there was an article there for three pickup trucks, I struggled with that." I don't have a problem with this. I expect free cash is going to come back pretty decent again. Even if we put \$300,000.00 aside for Main Street pipes and another \$300,000.00 aside to reduce the tax rate. What are we looking at one pickup truck and a box truck? If we explain to the people that the box truck is an "82", we've invested all this money into it. It's a safety issue and the pickup trucks a "96", we just keep putting money into it. I think if we explain it to the people and show there's a good need and a safety issue. I think they'll be okay. If you want to get some bids." Paul Joly questioned trucks at the Auto Auction. Charles Cestodio "I've looked but there was nothing." Sue Medeiros "Chuck what's your needs?" Charles Cestodio "A truck with boxes on the side." Sue asked if we get any deals because we're a municipality. Charles "Last time the state bid was more than the one we got. We send out bids for the truck." Paul Joly "What about military surplus?" Charles Cestodio "That would probably be the same as the Auction. Do you want me to have the trucks fixed?" Paul Joly "We should probably replace that truck." Sue Medeiros "But in the mean time it could be a couple months before we replace it." Paul Joly "If we put a bid in the next couple weeks are they usually good for a couple of weeks?" Sue Medeiros "The only problem is we can't buy it without going to District meeting." Charles Cestodio "We're probably looking at mid December like last time." Sue Medeiros "You're probably going to have to fix it up for now. Get us an estimate before District meeting." Paul Joly "Get us a rough idea." Charles Cestodio "The pickup needs tires and the white one needs tires." Commissioners continued discussing options and time frame to get new truck. Charles Cestodio "I can get a ball park price." Sue Medeiros "That's what we'll put on the warrant." Paul Joly "We can get a ball park." Charles Cestodio "I'll see if I

can get the state price. More than likely if you approve the state bid I can buy a truck for that if you put it out to bid." Sue Medeiros "If we go to District meeting in November you could get a truck by December." Discussion on truck tires. Sue continues "If you can get a couple used tires for the pickup to hold till we get a new truck and get new tires for the white truck.

Sue Medeiros "Chuck anything else on Superintendents report?" Chuck Cestodio "Lin's Propane brought in as built that needs to be approved by the commissioners." Sue Medeiros and Paul Joly initialed their approval.

Paul Joly "Tony Roderick if he paid the \$5,000.00 can he have the water turned on." Charles Cestodio "He paid the \$5,000.00, he owes us tapping connection fees and capital improvement fees for each lot." Paul Joly "Are we suppose to perform pressure test?" Charles Cestodio "That's up to him. They have to pressure test but he's got to get the pipe to tap at the main. You have to get the air out. He has to pay the \$18,000.00 for the three lots and \$24,000.00 for the tap in order to put the tap at the street. But the plan hasn't been approved yet by the Board. David Gay was suppose to send a letter telling him what he owes." Sue Medeiros "You can't get water till that is all paid for. He knows that right? Has he made any mention of when he's going to pay this?" Paul Joly "If he wants to sell the lots he has to have all that cleared up." Charles Cestodio "The problem he had was the hydrant wasn't put where it says it is on the plan. The plan shows they were going to put it originally at the end of the cul-de-sac and then they moved it to the beginning of the cul-de-sac. Tony went and put the pipe in and instead of putting it where it shows on the plan he put it half way between where we wanted it and the Fire Department wanted. So the plan is not approved yet. Letters went to the planning board about the placement of the hydrant. He worded it "He had to install it according to the Water District specs." I don't have a problem where it is now. So where it stands now the plan the way we wanted the hydrant at the end. The Fire Department requested an additional hydrant would be placed at the original location on the plan. So he would have to put two hydrants. He, Tony, decided he was putting it in the middle. The letter went to the Attorney, he's never called me back." Sue Medeiros "Tina can you check. Can you put a call into Matthew Costa. Any other correspondence? We will get any updates on The Reserve and Tina put that on the next month's agenda."

Sue Medeiros "Chuck you want to continue." Charles Cestodio "Chlorine analyzers has to go out to bid but I'm just waiting, you're looking at 7 to 10 thousand dollars by the time we get done with it to be installed in the clearwell. I have quotes."

Charles Cestodio "Water Ban, we need water, we need rain. The brook isn't even flowing over the dam. Over here (behind the plant) there's just pockets of puddles. In order to flush hydrants I have to lift the ban. Sue Medeiros "I step down and make a motion to lift the water ban." Paul Joly "Second." All in favor. Ayes have it.

Sue Medeiros "Trees at the old office." Charles Cestodio "Trees at the old office. I have a couple of oak trees the roots are in the septic pipe. This is what I have planned; the last time we took the one down here we just had the guy come down

and topped it. The stump we can take care of. There's two big oaks near the building itself, their pretty good size."

Paul Joly "Hunters hill." Sue Medeiros "Miranda, he's doing the Senior Center?" Charles Cestodio "It's in the Town Hall already I was told. This is what he told me, he's looking to put in Senior Center, Assisted Living. He asked me to tell the Board, to inform you what he would like to see is if he extended the lines coming from this project out to get it to a point where he can get it to this development. He would be willing to bring it to Elm Street. Now from this point what he wants to do is try to make the loop." Sue Medeiros "It's pretty far from where he is to Elm Street isn't it?" Chuck "Yes it's quite away." Now what he was telling me he said it would be to move the project along, if the town, mean us, would pick up the water from this point back to Hart Street." Paul Joly "Now this Senior Center who's this going to be for? Is this going to be tied into this housing project he has there?" Charles Cestodio "It's a project that's coming up."

Charles Cestodio "Capital Improvement Grants. John's (Daniels) is coming down tomorrow. It's going to take about three hours. The application is due Thursday. Sue & Paul "It's worth it." Charles Cestodio "We will see what we can get. Maybe we can get a section done (Main Street)."

Charles Cestodio "I need to get some fittings, service boxes, double checks and angle valves." Sue Medeiros "I step down to make a motion, Chuck to buy the supplies he needs." Paul Joly "Second." All in favor, ayes have it.

Paul Joly "Chuck that District meeting will be coming up. I'll go with you if you want, we'll pick up one of those signs. Did you decide where you're going to get that outside sign. Charles Cestodio "The 4 X 8's, I have one place. What do you want to do about a trailer? They have little portable jobbers at Home Depot for a couple of hundred. Just something we can mount it on." Paul Joly "With that District meeting we want everyone to know about that." Sue Medeiros "We want people to know." Paul Joly "See if we could put it on the corner at Figueiredo's. It would only be there for about two weeks, and then we'll take it down and put it away." Sue Medeiros "I'll ask." Paul Joly "We have an election coming up in May, what do you think of a Saturday election?" Charles Cestodio "We tried that before." Sue Medeiros "Ours was good for the Town election." Paul Joly "Most of the towns are switching over to Saturdays." Sue Medeiros "You'd have to vote on it at District meeting to change it. It's in your By Laws." Paul Joly "It was just an idea."

Sue Medeiros "I'll step down to make the motion to Adjourn the meeting at 9:00 PM." Paul Joly "Second." All in favor, ayes have it.

Respectfully submitted,  
Tina Bragga

Those in attendance:

Sue Medeiros, Paul Joly, Charles Cestodio, Tina Bragga, Mark Owen, Stephen DeFrancesco

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