

Meeting Minutes
Charlton Water and Sewer Commission
Date: September 23, 2013

Location: 8A Worcester Road, office at the sewer treatment plant

Attendees:

<u>Members</u>	<u>Present</u>	<u>Members</u>	<u>Present</u>
Joseph Haebler	Y	Robert Lemansky	Y
Joseph Spiewak	Y	Paul Gagner	Y
Alex J. MacKenzie	Y		

Mr. Haebler: I'd like to call the meeting to order. It is 6:03 p.m. and we are at the sewer plant. Mr. Spiewak: Mr. Chair, I would like to approve the following warrants: Verizon: \$448.85; Poland Spring Direct: \$6.17; Town of Charlton: case of paper: \$22.88; total: \$477.90; Central Mass Regional Planning Commission for the Muni-GIS contract for \$1,600.00; invoice #2617; Commissioner payroll for the month of September: \$400.00; and The Abrahams Group: services through 8/23/13 regarding the water betterment process: \$3,500.00; seconded by Mr. Gagner. Mr. Gagner: Have we checked into the number of hours in the past? Steve: I took the two participants and calculated on the hourly rates vs. dollars; and it is in keeping with what we had agreed to pay. Mr. Gagner: I'm not putting my name on it. There are enough signatures on it. I don't mind if it gets approved. You are saying that we hired two people which makes it more reasonable. Vote: All in favor? Unanimous.

Mr. Spiewak: We have some warrants that were signed in between meetings since we did not meet on September 9th. I make a motion to approve the following warrants which have been signed: National Grid: \$7,662.26; AT&T: \$43.93; Ricoh USA, Inc.: \$142.27 (Note: Steve: We have a contract with them. They were here recently and replaced the drum; put in another ink cartridge; took the rollers out; cleaned them and replaced a couple of gears which would have cost us just under \$600.); Poland Spring Direct: \$7.16; Carol A. Goodspeed: \$48.05; Osterman Propane LLC: \$2,407.97; National Grid: Muggett Hill pump station: \$70.21; Charlton Police Department with respect to the paving project on Burlingame Road and Main Street: \$2,029.99 and \$964.62; Charlton Gas & Market LLC: \$235.16; Woodard & Curran: contract operations for September 2013: \$42,253.00; Abatement warrant: 37 Main Street: \$665.99; Abatement warrant: 140 Stafford Street: \$162.81; Franklin Electric \$19,918.60 (grinder pumps); McClure Engineering, Inc.: services regarding the Charlton City water line; #10847: \$12,166.15; McClure Engineering, Inc.: services at Muggett Hill pump station; #10848: \$5,303.75; McClure Engineering, Inc.: services regarding S. Sturbridge Road #10849: \$2,672.50; McClure Engineering, Inc.: work regarding betterments #10874: \$1,072.50; attendance by Chris McClure at betterment meeting with Water & Sewer Commission administrator and The Abrahams Group: \$280.00; #10874; total: \$1,352.50; Worcester Telegram & Gazette: advertising regarding the S. Sturbridge Rd./Route 20 waterline connection ads: \$202.11; seconded by Mr. Gagner. Vote: Unanimous.

Mr. Spiewak: We have two sets of minutes: August 5. Mr. Spiewak: I make a motion we approve these minutes; seconded by Mr. Gagner. Vote: Unanimous. Mr. Spiewak: I make a motion we approve the minutes of August 19; seconded by Mr. Gagner. Vote: Unanimous.

Steve gave his report: Charlton City activation has been DEP approved. Southbridge has given us the go ahead to connect up all residents. I contacted Honey Farms and told them to go ahead and make the

connections; posted a notice with the department heads; it has been placed on the cable channel; also provided you with a news release and sent to Debbie LaPlaca. The intent is to get it out to everyone. Also I indicated that there is water available. Mr. Haebler: Just a good newspaper article would be good. Steve: I can send it to a couple of newspapers. Mr. Spiewak to Steve: Have we done any calling to residents? Steve: We have done 6 or 8 mailings to residents we had addresses for. Steve: There are 23 properties that will be hooked up. Paul has spoken with people who don't want to hook up. I'll be out on vacation and gone for a week. I sent an email to Paul McNeil and asked that he bring whatever water applications he had to the office and I would have the chairman come to the office and sign them. Mr. Spiewak: It is disconcerting that people can get a free connection and don't want to do that. Steve: And they are going to pay a betterment anyway. Mr. Spiewak: We need to think about options. Steve: Honey Farms is knocking on doors. They have a list of 34 people (19 or 20 that we have processed and are signed). Paul has told me he has some additions. Mr. Spiewak: Do we have a list of properties that are eligible and then those who are eligible to be connected by Honey Farms, the town of Charlton and ExxonMobil? Steve: We have a list which has been started by the town's LSP. Gary Magnuson has been knocking door-to-door. Honey Farms is knocking door-to-door in Charlton City. Exxon which is in the vicinity of Lamountain's – they are working on getting people hooked up on Main Street.

S. Sturbridge interconnection: There was a pressure test failure which will necessitate a retest which will occur no later than September 25th. There was a coliform detection at the town hall on August 30th; the system was chlorinated the day we were supposed to meet up there. Jody and I met the town of Southbridge the next morning; everything was drained and flushed; and they continued to flush additional hydrants until Thursday of that week. All is well at this time. We have two hydrants to be fixed (one at Gillespie Road which needs to be repaired; and the one at Carpenter Hill Road that needs to be tested). E. J. Prescott will do both in one day for about \$1,400. That was the lowest bid. Bay Path has stopped construction with respect to sewer because school is back in session. Muggett Hill completion is still being managed by the contractors and the engineer. There has been a discussion about delivery slips vs. calculated volumes needed. Next, I received a call from Mass DOT. We had an issue on Rt. 20 between poles 89 and 90 (the other side of the industrial park). There was a sinkhole, we dug it up; it was ground wash; our bill was around \$13,000. We went to DOT for reimbursement; they sent us an offer which the commission accepted for \$7,500. They have come back and said they would do some work in Charlton such that we could do a trade off. Mr. Haebler to Steve: Do we have any paving to do on S. Sturbridge Road? Steve: We don't have to use it tomorrow (it had been bid out). Mr. MacKenzie: Can we wait a while to act? Steve: Yes. I just need direction. Mr. MacKenzie: Just send them something in writing.

6:32 p.m. Jody St. George met with the commission and gave his reports for July and August (attached). August: we were in complete compliance...it was just too hot temperature wise in July which caused the bug kill. Mr. Lemansky: At 18,000 miles, the tires were cooked. Jody: They were cheap tires. I bought four brand new tires with aggressive tread. They are 10 ply. I need them for plowing and for maintaining all of our pump stations. Jody concluded his report at 6:52 p.m.

Next, the town is looking to plead their case (4 Dresser Hill Road): the town administrator is concerned about the dollars and cents they are suffering. I have gone back several quarters with billings they are concerned about from December – March; and the most recent one is 498 gallons a day; the last one ending in July was 588 gallons per day; something is going on – coming into their building – going

back in history to August of 2010; consumptions; cubic feet: October 2010: 4,662 cubic feet; February 2011; 1,700 cubic feet; April 14, 2011: 800 cubic feet; August: 1,800 cubic feet; October 2011: 500 cubic feet; January 2012: 400 cubic feet; April 2012: 300 cubic feet; July 12, 2012: 1,500 cubic feet; October 4, 2012: 500 cubic feet; 12/18/2012: 891 cubic feet; and the last two which were 6,132 cubic feet ending in March; and 7,236 cubic feet ending in July. At a meeting at the town hall, Curt Meskus and Ms. Craver presented their case; and I agreed to present it to the commission. Curt is reading that meter once a day. Mr. Haebler: My feeling is they have a problem; and until they find out what their problem is, I don't think we should do anything. Mr. MacKenzie: What is this building? Mr. Haebler: This is the cultural arts center. Mr. Lemansky to Steve: The jump in those cubic feet – the history is that the building was on edu's; then the building went on to the Charlton meter; and then it went on to the Southbridge meter. The use from the Southbridge meter – is that when the big change came? Steve: The meter went in in December. Mr. Lemansky: Is there a relationship between when the meter went in and when the usage seemed to increase? Steve: Yes. Mr. Lemansky: Is the meter a gallon meter or a cubic feet meter? Steve: Cubic feet. Mr. MacKenzie: Where's the meter from? Charlton? Mr. Lemansky: They brought it back. Mr. MacKenzie: Where is it? Could we track those numbers? If that meter failed; and no one realized it; it got switched out and it was an actual reading when the Southbridge meter went in, then it is what it is. Mr. Gagner: I think Curt's monitoring this every day should shed some light on this. Mr. Lemansky: I talked to Curt recently and was advised that there was 6" of water in the basement. We should follow the chairman's recommendation. I'd like to get more information. We should have Southbridge check the meter.

Steve: I had sent out the letter that we received from the town of Leicester. I spoke with Barbara Cox, the secretary, and said we would have a meeting on Monday the 23rd and I would get back to her with a level of interest. Should I try to work out an appointment? Mr. Gagner: I personally think that we need a Plan B the way things are going with Southbridge. We should talk with them and present the problems we have had with Southbridge. I don't know where the water comes from in Leicester. Just address some issues and gather information. I would volunteer my time to speak with someone there if necessary. Mr. Haebler: I feel the same way. Does everyone agree? They did.

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Paul
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Mr. Lemansky: We are billing Masonic Home – our people at Jody's company – are we getting a bill from them for Jody's time? Steve: The only time we get billed by them is if it's overtime. Mr. Spiewak: Are we still billing them a constant rate? Steve: Yes. We haven't had an incident at the North Main Street pump station since we have been pulling the manhole every Monday. Steve continued: Masonic Home: They were clean today. Mr. MacKenzie: You can't set up something at every access point into the system. Mr. Spiewak: I would suspect that if you had a known offender who continues to offend, at some point you would say you are either going to escalate the fines or shut the valves off. Mr. Lemansky: I think George is a responsible manager. Steve: He is looking into a large grinding machine. Mr. MacKenzie: At least at this time, it's not causing us to need overtime from plant personnel. It would increase the BOD levels per Steve with a larger machine. Mr. Lemansky: Is there any way that on their own property within one of the manholes, they could put some type of catch basin in there? Mr. MacKenzie: We don't have any construction standard for that.

7:16 p.m. Chris McClure: Everybody is aware that Charlton City is activated. There was an announcement at the Selectmen's meeting. Are you doing something for public notification? Mr. Haebler: We are going to send a notice in the next sewer bill to the people in Charlton City. We're going to do something on the cable TV and a letter out to the newspaper. Mr. Lemansky: Do we have a list of the properties that are able to connect? Chris: Yes. It's all of Charlton City. Mr. Lemansky: I

would be in favor of a personal letter and a follow-up telephone call. Steve: We have done 6 or 7 letters over the course of the water project; and phone calls. A couple of the letters came back. We've got 20 on Main Street; and most everyone connected up on Northside Road; Exxon had 8 people who said no. Mr. Lemansky: North Main Street: Aren't there people on the Exxon-Mobil list who still haven't connected; and haven't been told that Exxon-Mobil will pay for it? Gary Magnusson and the town administrator have been handling that. Mr. Lemansky: I think when Steve gets back, there needs to be a campaign to get as many people to connect as possible using mail and follow-up phone calls. Chris: At one point you had a message board in the center of town and you could put that on there. Activation of Charlton City: Southbridge will flush this area; and then put the blowoff on tomorrow. We haven't passed the interconnection test yet. There was a pound and a half drop over a two hour period; after an hour and 20 minutes, there was no drop. They just need to re-pressurize the line again. He put the insertion valve on Monday and started with the piping on Tuesday. He had another project to do but will come back and continue with this project. I'd like to talk to Mr. Foskett; and as long as the temporary/permanent trench went in to his satisfaction, he would waive the overlay for that project. I think the overlay is the most expensive component of the project. Mr. Haebler: We have a \$7,500 credit with Mass DOT. Chris: We have to approve this part of the project. Mr. Lemansky: I suggest we ask Mr. McClure to do some research with Gerry; and the contractor would like to beg off on the overlay. Gerry would have to sign off on the overlay. Chris: The length is 230 feet. Mr. Haebler: Get an idea from Gerry and we'll see what they could do it for. Chris: S. Sturbridge/Rt. 20 connection – we will need to get the DEP to sign off and we can activate that; and once the construction is done, we can certify it. The crews worked well together. Mr. Lemansky: Why open up the blowoff if the water is good? Chris: We can't do connections until the water is blown off; the chlorination is done; 24 hours it has to sit; then 48 hours (HPC coliform testing) on top of that – about five days. Mr. Lemansky: I'm interested in making sure that we get that specific reading (Chris: 0-500; when we tested it was in the 200 range). I just want us to have a clear understanding. Last item: Muggett Hill Road – Originally Ricciardi Bros. sent in a pencil req; and we told them we would pay them 90% on this first req; provide punchlist items; and do an as built because of the in place gravel. We told him regarding earth quantities: bid item description for payment is per cubic yard to be measured by the engineer. The slips are submitted from your own company to count the loads and measure truck volumes because we weren't there every day; and the as built plan did confirm differences in elevations or the existing grade as discussed. He responded to us on the 18th indicating it was unfair to respond to our pay reqs more than 30 days after submission and they requested a deduction. We will sit down with them one more time. I have only been dealing with the project manager; and haven't met with the owner yet to discuss the discrepancy. Mr. Haebler: We should pay them something. Chris: He did not sign off on the pay req. With respect to Gillespie Road repair of hydrant, Chris went through the history of hydrant repair. The prevailing wage would be used. Originally we got quotes from E.J. Prescott and Hydrotech. Whitewater said they could do this work at \$75 an hour and do it in a couple of hours. They provided a quote and requested prevailing wages. They had run into issues before and had decided that any work they do for a town, they would request prevailing wage. Hydrotech quote was \$1,300 just to rebuild the hydrant. He wouldn't give us a per hour breakdown of mileage; and said, 'pay us \$1,500'. We have been pushing Prescott to give us a breakdown for their cost. I sent you the individual quotes at one time. Mr. Lemansky: They earned enough credit to be at the bottom of the list with this insertion valve. What do you recommend? Chris: I recommend we get Prescott out here and put this thing to bed. Mr. Haebler: Freight and mileage? Chris: I have numbers – he has been out here 3 or 4 times. Freight (the parts for the hydrant). We are still pushing on repairs to other hydrants. There was a recall. Mr. MacKenzie: There were issues with the shafts and the grease that was used. **Mr. MacKenzie: I make a motion that we accept the quote from E.J. Prescott and have them do the work; seconded by Mr. Gagner.** Mr. Haebler: All in favor of the motion to have E.J. Prescott repair the hydrant on

Gillespie Road for a quote of \$1,685.06? The motion restated: **Mr. MacKenzie: I make a motion that we accept the quote from E.J. Prescott to repair the hydrant and pressure test that hydrant and the hydrant on Carpenter Hill Road; and have them do the work; seconded by Mr. Gagner. Vote: four I's and 1 nay.** Mr. Haebler: The motion passes. Chris to Steve: Any water applications? Steve: One for Power Station Road was pulled today. I believe there are 13 in the hands of Honey Farms. They have several more due in this week. Mr. Lemansky: Do we need Chris here to talk about the IMA? Mr. Haebler: We could do that but don't believe we need to go into Executive Session. I had called his office in Southbridge; spoke with his secretary; and I did send him an email and outlined our need to get going on the project. On Monday I received a call from Chris Clark indicating that he was ready to submit a proposal that would be in the best interests of Southbridge and Charlton. He wants to meet the first week of October. He wants to meet with Joe and me, present an agreement; and we would bring it back to the commission. He doesn't want formal sessions like we had done in the past. His secretary is supposed to call me this week or next to set up a meeting time so we can meet in Southbridge and bring information back to the commission. Mr. Haebler: Joe, are you acceptable to that? Mr. Spiewak: I'll make myself available. Mr. Lemansky: Was it the 19th or the 12th when you talked to him? Mr. Haebler: I talked directly with him on the 16th. Mr. Haebler to Mr. Lemansky: Do you want to talk about strategy? Mr. Lemansky: Yes.

7:51 p.m. **Mr. Lemansky: I make a motion to go into Executive Session under no. 2 and/or no. 6 for the possibility of the trading or selling of properties; seconded by Mr. Gagner; and include Mr. McClure in this. Vote: Mr. Lemansky: I; Mr. MacKenzie: I; Mr. Gagner: I; Mr. Spiewak: I; Mr. Haebler: I.**

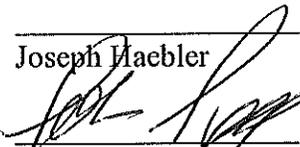
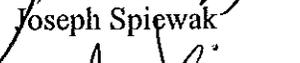
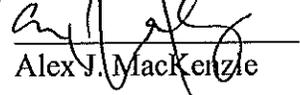
Mr. Gagner: I make a motion to adjourn Executive Session; seconded by Mr. Spiewak. Roll call vote: Mr. Spiewak: I; Mr. Gagner: I; Mr. MacKenzie; Mr. Lemansky: I; Mr. Haebler: I. We are now out of Executive Session at 8:22 p.m.

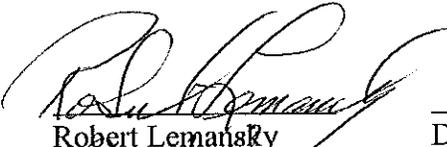
Mr. Haebler to Steve: We have two more things on your office report. Would the commission consider the bidding of materials; inventory of pipes, valves; both water and sewer items. This could be a cost saver. Mr. Gagner: I see problems with wrong parts coming in... Mr. Lemansky: In Southbridge what they do is take generic items; they say here is our list and do a request for proposal; and then solicit bids. If something comes up to where we are doing a job, we have the equipment on hand; so all we have to do is put the bid out. Mr. MacKenzie: If we have a specification written as to what parts are used, and we supply them, it's a dead issue. The contractor comes to the job and does it; and we only have to pay labor. This is standard operation procedure. We can get the parts cheaper than through a contractor. Mr. MacKenzie: If we go and do 1,000 feet of main, get three quotes and say this is what we need to do – give us a quote – bring everything in. It is cost effective in the long run. Mr. Lemansky: If we don't put the request out there, if we want to do something next summer, we have to go through a long process. Mr. MacKenzie: We keep certain items on hand all the time. Mr. Haebler: We need specifications. We also need to look at next year's budget; in particular, water. Steve: We are at \$250,000 or \$260,000. Mr. Lemansky: Of that money, how much is reimbursable through betterments? The only line I'd like to see us do is the water line from the Masonic Home Road intersection up the center down to the police station. Do we want to consider it and pursue it some more? Mr. Spiewak: We could inventory a few things. Mr. MacKenzie: You could have a vendor you could contact when necessary. Mr. Haebler: We need more detail and then we can consider it. Chris McClure: You won't be doing any more water projects.

Mr. Lemansky: Subject: interns. If we are looking for interns, we would need to have people submit applications. We would need to consider making it a paid position or not. Mr. Haebler: We need to do some more research on this. Mr. Lemansky: We would need to talk with Frank Cavaleri. Mr. Spiewak: I would be concerned about insurance. Mr. Lemansky: If they are not being paid, they are automatically covered by insurance.

Mr. Haebler: Rules and Regulations review. Steve had nothing to report. Mr. Gagner: I make a motion to adjourn the meeting with our next meeting being October 7th at 6 p.m. at the town hall; seconded by Mr. MacKenzie. Vote: Unanimous.

Meeting adjourned at 8:42 p.m.

 _____ Joseph Haebler	_____ Date 10/21/13
 _____ Joseph Spiewak	_____ Date 21 OCT 13
 _____ Alex J. MacKenzie	_____ Date

 _____ Robert Lemansky	_____ Date 10/21/13
 _____ Paul Gagner	_____ Date 10/21/13



Charlton Water & Sewer Commission
37 Main Street
Charlton, Massachusetts 01507

August 12, 2013

RE: July Operating Report

Commissioners,

Treatment Plant:

The treatment plant is performing well overall with the exception of the Ammonia Nitrogen issue we had last month. We violated one permit parameter in the Ammonia Nitrogen range as was predicted in last month's report. I had called in help from corporate for any insight available but ultimately what I had thought the issue was indeed proved to be correct. I'll cut right to the chase. The extreme heat we experienced in the last 2-3 weeks of June and the beginning of July was indeed the culprit. The two RBC's that are outside and closely covered with a fiberglass dome experienced inside air temperatures of over 150 degrees F. The water temperature exiting the RBC's outside was ridiculously hot. What all this means is that through the RBC's there is a detention time of approximately 4 hours. In this time there are many transfers of Oxygen both in the wastewater and out of the water. At a water temperature of approximately 70 degrees F there is about 8.0 mg/l of Dissolved Oxygen (D.O.) available for respiration HOWEVER the hotter the water gets the less D.O. is available. It is the same basic principle with the air; the hotter the air the less Oxygen available for the "bugs". The inside RBC's are housed inside of a building where the ambient temperature does not really get that hot and the wastewater temperature stays somewhat constant and much less than the outside RBC's. The short story is this we had two "ovens" outside that could not promote nitrification due to a diminished level of D.O. in the air & water. When all flows combined (Inside & Outside RBC's) the result was some Nitrification but not enough to make permit. I spoke with the manufacturer and they suggested ventilating the outside RBC's immediately to cool them and introduce fresh air into the "ovens". This worked wonderfully and we began to see progress in the right direction however it was too late for this month. At the end of this month we were back to permit requirements and will be good for next month.

We replaced the Final Effluent pH probe and installed the new mixer in Sludge Holding Tank #2.



Collection System & MTA Pump Stations:

The Masonic Home is still being monitored for debris in its discharge manhole. At least once a week (usually Mondays) operators remove the manhole cover in the street and check to see if there is debris present. If there is, the operators manually remove it and dispose of it. We then notify the Administrator and he bills the Home for violations.

Muggett Hill Pump Station (A.K.A. Pump Station # 6) was discovered to have one its check valves broken and spraying water everywhere inside the wet well. We isolated the line and arranged for the installer to repair it. During its down period we were still able to operate the station on one pump. Grounds configuration has also begun at this station. Fill has been brought in to elevate the grade, rip rap has been applied to the banking, the asphalt driveway has been installed, the fence is up and the control panel has been relocated.

Miscellaneous:

Grounds maintenance at the plant and pump stations continues.

Conclusion:

This concludes the monthly operating report for July 2013. I would be happy to answer any questions the commission may have regarding this report or any other concerns.

Sincerely,
Woodard & Curran
Jody St. George

A handwritten signature in black ink, appearing to read "Jody St. George".

COMMITMENT & INTEGRITY
DRIVE RESULTS

Woodard & Curran
Charlton WWTP
37 Main Street
Charlton, MA 01507

T 508-248-4699
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F 508-248-7197



Charlton Water & Sewer Commission
37 Main Street
Charlton, Massachusetts 01507

September 9, 2013

RE: August Operating Report

Commissioners,

I am happy to inform you that we are once again in complete compliance with our NPDES permit. The fiasco that happened during the extreme heat has passed and all the “bugs” are happy once again (I know this because I talk to them). We have learned a great deal from this experience and will hopefully be able to deter such an occurrence from happening again. We are also exploring the possibility of introducing Dissolved Oxygen (D.O.) at Diversion Structure #2 which directly and equally feeds all of the RBC’s. This could be accomplished by adding a positive displacement blower at D.S. #2 and installing an airline into the tank near the bottom. By doing this we would create a much more Oxygen rich environment as well as provide mixing to prevent settling of solids. This would enhance the process as a whole and most likely help to prevent a repeat of this summer. We are looking into options at this time and will inform the Commission of our findings. This would be a Capital Expenditure.

Treatment Plant:

The treatment plant is really performing well this month and I, for one, am glad that we are making permit and discovered the why of our past issues. We will learn from this going forward and make adjustments as deemed necessary. Maintenance has been key this month with the greasing of all the RBC’s, grease and oil changes in both secondary clarifiers, grease, oil, air filters and drive belts on all of the positive displacement blowers, oils and grease in the splitter box mixer, and all the normal monthly routine items we take care of.

Collection System & MTA Pump Stations:

Muggett Hill Pump Station (A.K.A. Pump Station #6) is complete and finishing up the punch list. This will hopefully end the saga of the flooding of this station. All electrical appurtenances are now well above the road surface which is the high point before the water would level out. The road acts as a dam until the water flows over it thus getting no higher in elevation. Our pump station is now



higher than this point and therefore should be protected from flood damage. Also with the addition of submersible pumps there is no danger of pump failures as they are already underwater.

The Masonic Home is still being monitored for debris in its discharge manhole. At least once a week (usually Mondays) operators remove the manhole cover in the street and check to see if there is debris present. If there is, the operators manually remove it and dispose of it. We then notify the Administrator and he bills the Home for violations.

The Masonic Home has asked if we would accept the water from them draining one half of their swimming pool. Apparently they need to do this to maintain their pool chemistry. I have investigated the chemicals that they are currently using and have also asked my superiors for their input on the ramifications of this water with respect to the delicate microbiology present at the treatment plant. The water that will be discharged from the home has a residual Bromine concentration of 3-5 mg/l (or ppm). This oxidizer will virtually be non-existent by the time it reaches the plant so there should be no detrimental effects from this. Organics contained within the collection system will quickly negate any disinfection properties and render this water safe for the plant. I have been told that the quantity of this discharge will be approximately 16,000 gallons and will be gradual over the course of a day which should pose no threat hydraulically.

We have also been making routine visits to Bay Path for inspections on the renovations taking place with respect to the sewer. New lines are being installed and new grease tanks are also being put in for the kitchen. We have been inspecting the installation of manhole chimneys, sewer lines, grease tanks and were present during a manhole vacuum test. Basically a vacuum of 10 inches of Mercury will be drawn and must hold for a specified time based on the depth and circumference of the chimney. The test was fine and all chimneys will be vacuum tested as well as all sewer lines being pressure tested. The sewer lines will be pressure tested to 4 psi for two minutes and cannot drop more than the allowed time based on pipe size and length of pipe.

Miscellaneous:

There were 5 residential grinder pump alarm calls this month 1 of which resulted in a clogged pump.

Grounds maintenance at the plant and pump stations continues.



Conclusion:

This concludes the monthly operating report for August 2013. I would be happy to answer any questions the commission may have regarding this report or any other concerns.

Sincerely,
Woodard & Curran
Jody St. George

A handwritten signature in black ink, appearing to read "Jody St. George", written over the printed name.