

BOARD OF PUBLIC WORKS

Regular Board Meeting

Tuesday, November 17, 2015
3:00 P.M.

Present:	Randy Park	President
	Betty Anderson	Vice President
	Susan Wathen	Secretary
	Tim Goodman	Board Member
	Robert Stevenson	General Manager
	Heath Hall	Director of Operations
	Courtney Harris	Administrative Assistant
	Mathew Munzlinger	Water/Wastewater Facilities Engineer
	John Hummel	WWTP Supervisor
	James Lemon	City Attorney
	George Walley	Economic Development
	Mike Dobson	Hannibal City Councilman
	Jim VanHoose	Hannibal City Councilman
	Alyse Thompson	Quincy Herald Whig
	Danny Henley	Hannibal Courier Post

CALL TO ORDER

The meeting was called to order at 4:00 P.M. by President Randy Park.

CONSENT AGENDA

- A) Minutes – October 20, 2015 (Regular Meeting Minutes)
- B) Payrolls – October 16 & 30, 2015, November 13, 2015
- C) Claims – October 2015

On motion of Betty Anderson, seconded by Susan Wathen the Board voted unanimously to approve the Consent Agenda.

GENERAL MANAGER'S REPORT

Mr. Stevenson reported development activities for the Hannibal Lakeside Technology Park are on hold for the time being. The HBPW received a letter from the Missouri Department of Natural Resources (MoDNR) explaining they are not benefiting from the payments the HBPW might make to their specified mitigation fund. Mr. Stevenson will be reporting more information on stream mitigation further in the meeting.

Mr. Stevenson reported Bluebird Network is installing conduit and fiber for the fiber ring project. Developments are still being made and fiber will be ready to utilize before the end of November 2015.

Mr. Stevenson reported the new UV Reactor was successfully started up on October 29, 2015. Due to an electrical issue at the plant involving the stand-by diesel generator, the UV Reactor tripped off line several times. Plant staff is working with generator service staff to resolve the issue. The MoDNR has sent a letter approving the UV Reactor installation and operating procedures as well as the temporary chloramine feed point.

Mr. Stevenson noted work to the sanitary sewer flooding in the Lake Apollo area continues. A total of 17 illegal or problematic sump pump connections have been detected. The pace of inspections have dropped off drastically due to customers not responding to the phone calls being made by the HBPW attempting to set up an appointment. Mr. Stevenson noted the remainder of homes that have not been inspected will be turned over to the Building Inspector and the City Attorney for more vigorous enforcement.

Kari Goodman reported she is the Chair of the Business Retention and Expansion committee for the Economic Development Council. Mrs. Goodman will be researching ways for the HBPW Key Accounts program and the BR&E committee to collaborate. The BR&E committee met last week to discuss several initiatives, and work will continue to include companies that are part of the Key Accounts program.

Mr. Stevenson presented two letters from the MoDNR regarding stream mitigation, and approval of the installation and the temporary installation of the chloramine distributed into the water system.

OPERATION'S REPORT

Mr. Hall reported the sump pump inspection/meter change outs began around Labor Day in the Lake Apollo area. Here are the latest statistics as of 11/9/15.

- Mailed out slightly over 612 questionnaires to customers in late August
- 415 Surveys have been returned
- 285 Inspections have been performed by BPW crews
- 17 were found to have sump pumps draining into the sanitary sewer system
- 6 of the 17 have been repaired and approved by the Building Inspector
- 86 door tags were created to deliver to addresses that did not respond via survey and who we could not get a hold of over the phone. Of these 86, 40 door tags have been delivered so far and the crews have been able to perform several on-the-spot inspections/water meter swaps.

Mr. Hall reported preliminary plans to continue the Snow Removal Agreement with the Hannibal Street Department is underway. A training date of September 20th has been scheduled for all the HBPW qualified personnel to attend as a refresher course.

Mr. Hall reported outages in the Electric Department were up for the month of October due to squirrel and birds.

Mr. Hall reported the Sewer Crew has been repairing creek crossings and they have repaired 12 out of the 17 crossings at this time.

Mr. Hall reported there were two entire plant shut downs at the Water Treatment Plant in October due to construction. The first one occurred on October 14th for an electrical tie over and to plug the presedimentation basin. The second shut down occurred on October 22nd for about 10 hours. Both shut downs went very smoothly.

Mr. Hall reported The Street Department paved the two lane roadway around the Waste Water Treatment Plant with approximately two inches of asphalt. The pavement is part of the labor trade for the HBPW assisting with snow plowing last winter.

Mr. Hall reported the SCADA Department has been actively working with Advanced Control Systems (ACS) on the conversion of the current SCADA system to the new hardware and software platform. Matthew Jones has been having bi-monthly conference calls to monitor status. ACS engineers are hopeful to have the conversion completed in late December and then be on-site for the final installation and conversion.

FINANCIAL REPORT

Mr. Stevenson presented the Board with the financial results for the month of October and year to date results.

PROJECTS REPORT

Mathew Munzlinger presented the Board with an updated progress report of ongoing projects. This includes projects from the Water System and Water Treatment Plant, as well as the Sewer System and Wastewater Treatment Plant. Mr. Munzlinger noted the progress of these projects and studies is acceptable and will continue as weather permits.

On motion of Tim Goodman, seconded by Betty Anderson, the Board voted unanimously to approve the Regular Reports.

SPECIAL REPORTS

Mr. Stevenson presented information prepared by GDS, Atlanta Consultants on the Post 2016 Energy Procurement Strategy. Mr. Stevenson showed data regarding price trends and examples of energy procurement options were discussed.

Mr. Stevenson and Abe Gray, Finance Director, attended a community solar projects meeting in Columbia, MO. The solar power option is trendy in different cities around the state of Missouri.

Mr. Stevenson reported he received a letter from Klingner & Associates in response to the MoDNR letter he received dated November 10, 2015 regarding Hannibal Lake Technology Park. The stream mitigation is required due to the proposed creation of the lake which is creating a delay in activity. Mr. Stevenson noted work moving the dirt on the south side of the park can begin while trying to decide how to proceed with the stream mitigation issue.

On motion of Susan Wathen, seconded by Betty Anderson, the Board voted unanimously to approve the Special Reports.

CITY ATTORNEY – PENDING MATTERS

NONE

COMMENTS FROM AUDIENCE

Janet Dietich a Hannibal resident asked Mr. Stevenson, “How long does the UV Reactor stay offline and what affect does this have regarding the electrical issue at the Water Plant?” Mr. Stevenson replied it takes 8 minutes to restart the UV Reactor back up. Mr. Stevenson explained the problem has been identified as we have a high voltage breaker issue, and a replacement has just arrived to be installed. The UV Reactor has to be running at least 95% of the day and at this time we are meeting the availability number.

Janet Dietich asked Mr. Stevenson, “If the UV Reactor is off, what kind of back up is there?” Mr. Stevenson replied the UV Reactor is now killing microorganisms that we have not been able to kill, but we have gone a hundred years without killing them and now we are. Mr. Hall added when the UV Reactor tripped the Water Plant was shut down until the reactor was up and running again.

Janet Dietich asked, “Is smoke testing harmful?” Mr. Stevenson responded, it is not harmful and the smoke testing was done in the Lake Apollo area. The testing helps identify leaks in the sewer system and has nothing to do with the Water System.

Janet Dietich requested, “Is it possible to take a Water Plant tour?” Mr. Stevenson replied the HBPW gives tours to any group that would like to schedule one, but due to construction it may be a better time to wait until Spring. Please ask Heath Hall or John Hummel to set up a tour anytime.

Melissa Cogdale a Hannibal resident wanted to verify, “Has the UV process been fully operational since October 28th?” Mr. Stevenson responded, Correct.

Melissa Cogdale asked, “Is the ammonia addition feeds all done?” Mr. Stevenson replied yes and no. We are feeding chloramine at a temporary site in the pipe and have been waiting on the permanent feed pumps that have just been delivered this morning. Within a week or two from now, the chloramine will be distributed in the final MoDNR approved injection point in the pipe. The temporary injection point was approved by the MoDNR.

Melissa Cogdale asked Mr. Stevenson, “Has the HBPW received water test results from the MoDNR and will the results be mailed to all Hannibal residents?” Mr. Stevenson replied, we have not received test results, and they take weeks to receive. Mr. Stevenson also noted the test results will not be mailed to the residents, and we do not expect to be in violation of any water quality parameter when the test results come back.

Melissa Cogdale asked, “When will I be able to view the test results?” Mr. Hall replied, it may be the Janaury board meeting before the results are reported.

Melissa Cogdale asked, "What are the levels of injecting chloramine and how it's administered?" Mr. Hall replied, a metering pump regulates the injection and it's based on the flow rate of the plant injecting a specific concentration. There is a certain ratio of chlorine and ammonia that we are trying to achieve all of the time.

Melissa Cogdale asked, "Is the HBPW staff putting the chlorine in one way at one time and is the ammonia going in at a separate time?" Mr. Hall replied, both the ammonia and chlorine are going in the same location at the same time to keep the ratio.

Melissa Cogdale asked, "What is the difference between what you are doing now and when you have the injectors all in, what is the difference in that?" Matt Munzlinger replied location only. Heath Hall noted, right now it is being injected prior to the UV and it will be injected after the UV within the next couple weeks.

Janet Dietich asked, "Does it make any difference to administer before or after the UV reactor?" Heath Hall replied it is debatable, some of the chlorine could be dissipated out in the UV reactor but it doesn't appear to be happening.

Melissa Cogdale asked, "The loan from MoDNR, what would that be for? Was that to help cover the cost of the changes we had to make for the water?" Matt Munzlinger replied, the loan covers the changes that were made and other projects being worked on in the water system. Mr. Stevenson noted the HBPW is spending around 13 million dollars on the water system to make a variety of improvements including the water tower, large pipe between the pump house and the Water Plant, raw water lines, adding water main out in the distribution system, and making plant improvements. In 2013 voters in the City approved a bond sale to finance all of these improvements so we don't have to pay cash. The HBPW applied to the DNR to borrow money from the state revolving fund which is federal money loaned out at very low interest. Overall we perceived that borrowing money from the MoDNR would save millions of dollars over the life of the loan as compared to going out to selling bonds in the private market. We have been working for two years to achieve that loan, and we received it last month. Board Member Randy Park asked how much was spent on the UV and chloramine? Mr. Stevenson replied the chloramine was less than \$50,000 and Matt Munzlinger reported the UV system and building was around \$600,000.

Jay Cookson Hannibal resident asked, "Is there a chart or list of what rate the chlorine and ammonia of the feed rates going in now, and will the Water Plant have to adjust it down after it's working properly?" Mr. Hall replied there is an ideal ratio, and it's about 3 to 1 but it shouldn't change the ratio. Mr. Hall noted the HBPW staff would be happy to show Mr. Cookson the document of the rate at the Water Plant while taking a tour.

Kellie Cookson asked, "Just to be clear, about a half a million dollars was spent on all of the UV plus the chloramine, plus the injections?" Mr. Stevenson replied, Yes.

Kellie Cookson asked, "What is a CT credit?" Matt Munzlinger replied the reactor has to provide a certain dosage of UV light based upon the organism we are trying to kill. It measures that we're getting it.

Kellie Cookson asked Mr. Stevenson "Is the HBPW is continuing to look into other options that were discussed before?" Mr. Stevenson replied yes, it is a slow process with a lot of activity, and waiting on people to get back with us. At the present time, we are discussing best available options with granulated carbon. They are in contact with a vendor. They have been working on this the last three weeks.

Board Member Randy Park asked Mrs. Cookson, "Have you seen any new studies on chloramine?" Mrs. Cookson replied the EPA is doing a lot of research right now. She believes there are a lot of different damages and dangers of chloramine not only to individuals but also to infrastructure. Mrs. Cookson noted she has hope that the HBPW will stay in communication and see if there is a better alternative.

Mike Dobson noted that Mr. Stevenson is staying in contact with the City Council and keeping them well informed on the issue.

GENERAL DISCUSSION

NONE

ADJOURNMENT

Randy Park made a motion to adjourn. Motion seconded by Betty Anderson and carried unanimously. The meeting was adjourned at 4:17p.m.

Robert W Stevenson

Robert Stevenson
General Manager

Susan Wathen
Secretary