

**EAST LYME WATER & SEWER COMMISSION
REGULAR MEETING
TUESDAY, AUGUST 28th, 2018
MINUTES**

The East Lyme Water & Sewer Commission held a Regular Meeting on Tuesday, August 28, 2018, at the East Lyme Town Hall, 108 Pennsylvania Avenue, Niantic, CT. Chairman Nickerson called the Regular Meeting to order at 7 PM.

PRESENT: Mark Nickerson, Chairman, Dave Bond, Steve DiGiovanna, Dave Murphy, Joe Mingo, Carol Russell, Roger Spencer, Dave Zoller

ALSO PRESENT: Joe Bragaw, Public Works Director
Brad Kargl, Municipal Utility Engineer
Paul Malmrose, PE, VP Tighe & Bond
Anna Johnson, Finance Director

ABSENT: Dave Jacques

FILED IN EAST LYME
CONNECTICUT
Sept 4 20 18 AT 10:00 AM/PM
B. Johnson ATC
EAST LYME TOWN CLERK

1. Call to Order / Pledge of Allegiance

Chairman Nickerson called the Regular Meeting of the East Lyme Water & Sewer Commission to order at 7 PM and led the assembly in the Pledge of Allegiance.

2. Approval of Minutes

▪ **Regular Meeting Minutes – July 24, 2018**

Mr. Nickerson called for a motion or any discussion or corrections to the Regular Meeting Minutes of July 24, 2018.

Mr. Zoller noted that on the top of Page 2 in Motion (3) that he is listed as the second on the motion and he was not present for the meeting. It was determined that Mr. Jacques had seconded the motion and that change would be made.

****MOTION (1)**

Mr. DiGiovanna moved to approve the Regular Meeting Minutes of July 24, 2018 as amended.

Mr. Murphy seconded the motion.

Vote: 6 – 0 – 1. Motion passed.

Abstained: Mr. Zoller

(Note: 7:03 PM – Mr. Mingo arrived and was seated.)

3. Delegations

Mr. Nickerson called for delegations.

There were no delegations.

4. Billing Adjustments

▪ **3 Maplewood Drive**

Mr. Kargl noted that a '1 in 10' was done in 2015 when the service line was repaired. This is supposed to be once in 10 years and typically cuts the bill in half if granted. In October 2017 a new meter was installed and it went through the winter fine.

Mr. DiGiovanna asked why the meter was replaced.

Ms. Uguccioni, Owner said that one of the water employees who checked the house regularly thought that she should have one. She noted that she does not have access to the meter pit so she would not know of a leak.

Mr. Kargl noted that the meter pit is owned by the customer and that the only thing that is ours is the meter. There is no way to know when a pinhole leak will occur. Our employee did a temporary repair which is still there.

Mr. Bond asked if it is the old meter type.
Mr. Kargl said no.

Mr. Zoller asked about the temporary fix and if there were plans for it to be repaired.
Mr. Kargl said that it is typically the owner's responsibility to have it repaired.

Mr. Spencer said that the homeowner owns the line from the curb to the house.
Ms. Uguccioni said that she wanted to have the meter moved to the inside of her home so that she would have access to it.

****MOTION (2)**

Mr. Bond moved to reduce the bill as re-calculated and presented by staff contingent upon the 3 Maplewood Drive homeowner moving the meter to the inside of the home within 60 days from this date.

Mr. DiGiovanna seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

▪ **239 Old Black Point Road**

Mr. Bragaw recalled that they had previously discussed this property and that they were going to monitor it as they could not find any leaks. They have done this and it looks like the meter and the bill are both correct. The large amount of water was when we were running the interconnection and there was a drought and there is a sprinkler system at this property. He said that he has spoken with Mr. Adams regarding this and that there are no anomalies. This is a follow-up and the bill is the bill and this has been going on for two (2) years. He suggested that as it has been some time that they consider waiving the interest and requesting full payment within 60 days of this date.

****MOTION (3)**

Mr. DiGiovanna moved to waive the interest due on billing for 239 Old Black Point Road contingent upon the bill being fully paid within 60 days of this date. .

Ms. Russell seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

Mr. Bragaw said that he would contact Mr. Adams regarding this decision.

5. Approval of Bills – from Attachment B

Mr. Nickerson called for a motion on the Well 1A/6 Treatment Project bill.

****MOTION (4)**

Mr. DiGiovanna moved to approve payment of the following Well 1A/6 Treatment Project bill: Tighe & Bond, Inv. #071890034-035 in the amount of \$23,343.01.

Mr. Zoller seconded the motion.

Vote: 8 - 0 – 0. Motion passed.

Mr. Nickerson called for a motion on the Pattagansett Bridge Water Main Relocation bill.

****MOTION (5)**

Mr. DiGiovanna moved to approve payment of the following Pattagansett Bridge Water Main Relocation bill: Lenard Engineering, Inc., #67655 in the amount of \$1000.00.

Mr. Zoller seconded the motion.

Vote: 8 - 0 – 0. Motion passed.

6. Finance Director Report

Ms. Johnson said that they had received her report in their packets.

Ms. Russell asked about the negative balance in water.

Ms. Johnson said that until November when the bills go out that they are using meter deposit dollars to carry them through. She added that this happens every year due to the billing cycle.

7. Water & Sewer Operating Budget Status Reports

Mr. Bragaw said that it is early in the new fiscal year.

8. Sewer Project Updates

▪ Niantic Pump Station Emergency Upgrades

Mr. Kargl reported that the pumps are running well. He recalled that they had discussed the vibration previously. They pulled a lot of the pig launcher out and the vibration has been reduced somewhat. They are still waiting for the final from Weston & Sampson and the final billing.

Mr. Murphy noted that they spoke about the FW Webb issue and of seeking some compensation for the delay and extra expense they incurred.

Mr. Kargl said that he hopes there will be some resolution and compensation on the Weston & Sampson end for the by-pass pump.

Ms. Russell asked about concerns with the vibration and if it is low enough to not cause other issues over time.

Mr. Kargl said that he thought that there should not be other issues.

9. Water Project Updates

▪ Well 1A and 6 Treatment Plant Modifications and Upgrades – Discussion and Possible Project Authorization for Construction Phase

Mr. Kargl presented and explained the project schedule and cost listing noting that it is in the \$5M range. He noted that there are some 'moving parts' – alternates that could potentially be deducted (such as the Micro-grid) that would reduce it to approximately \$4.6M. Reasons for the project include the fact that Wells 1A and 6 provide 1/3 of the system capacity with Well 1A being critical to the businesses, schools and large residential developments along Flanders Road. This would help with the water quality issues and they are coming upon the useful life of the systems with Well 1A being constructed in 2004 and having approximately a 30 year life and Well 6 constructed in 2002 having a 20 year life.

Paul Malmrose, VP, PE with Tighe & Bond said that they are seeing higher bids from contractors who are apparently very busy. He said that they are also seeing less bids come in when they used to see more. This also drives the price up. Also under discussion is the need to do some considerable upgrades to Well 6 and provide for a larger size generator.

Mr. Nickerson asked why they would need both the micro-grid and the generators.

Mr. Bragaw said that we cannot be charged for the micro-grid which would be under a grant so the purpose was to save some \$400,000 with that.

Ms. Russell said that the greensand filtration is a big part of this and asked if the GAC filtration is also included.

Mr. Kargl said yes.

Mr. Mingo noted that they have the infrastructure for this at Well 1A and it should be moved so that they could use it.

Mr. Bragaw noted the other issue with not being able to do work behind the school until thanksgiving to Christmas and that the asphalt plants would be closed.

Ms. Russell asked about the extra cost for this.

Mr. Malmrose said that it is around \$150,000.

Mr. Mingo asked who is dictating that it cannot be done before that timeframe.

Mr. Kargl said that it is Parks & Rec and the Board of Ed.

Mr. Mingo said that is too bad, they need to work together on this project and get it done without the extra expense.

Mr. Bragaw said that he thought that there should be another window with the use of the fields, etc.

Mr. Mingo recalled that they had visited the reverse osmosis system at Foxwoods some time ago and that it might be an answer to some of the issues they face.

Mr. Malmrose said that it is extremely expensive.

Mr. Bond asked about payment options.

Mr. Bragaw said that in October they start figuring rates and suggested a debt reserve to ease up on the rates.

Ms. Russell asked if the Town could give extra funds for the monitoring that has to be done.

Mr. Nickerson said that she is asking for an increase in taxes to fund this.

Ms. Johnson pointed out that the Town is paying the debt on the regional interconnection.

Mr. Mingo asked what is most important for the projects – his opinion is that the meters need to be done as they will generate more revenue.

Mr. Bragaw said that he feels that the projects run concurrently.

Mr. Bond agreed that they need to finish something and work on another project after they finish one. They need to get something done.

Mr. DiGiovanna asked about the risk of losing the DWSRF funding if the project is not done in a timely manner.

Mr. Malmrose said that the State is really pushing them to get the new meters in and while it would be pushing his project he would suggest that they attend to the meter project. He said that he also agrees that a debt reserve may be the right direction to go in.

Mr. Bragaw said that they would discuss this more next month and wait until October when they work up the rates for the next year.

Mr. Bond said that he wants to see a project timeline – even if they run concurrently and also what the meters will bring them.

Ms. Russell said that she was concerned with the affordability and moving forward and how to 'hedge' their financial investment.

Mr. Bragaw said that would involve a specialty company – a re-insurer.

Mr. Malmrose said that with the new meters that their income will go up because old meters slow down.

10. Costco – Discussion and Formation of a Subcommittee

Mr. Nickerson said that Ms. Russell has asked for Costco to be on the agenda. He noted that he expects them to walk in on October 2nd with an application and fees.

Ms. Russell said that specific to Costco that part of the building and parking lot will be in Zone A. She asked if while construction was going on if they would have some monitoring wells.

Mr. Kargl said that it is a Zoning plan and execution. They will file Best Management Plans and Procedures under Zoning. He said that the ZEO will receive the information at the appropriate time.

Ms. Russell asked about the DOT and the exit ramps.

Mr. Nickerson said that it is too early for that so he has not heard from the DOT on it as of yet.

Ms. Russell said that she was looking for the Town and Costco development to 'hedge' the well project.

Mr. Nickerson said that Gateway is not going to come up with dollars for such items. Further the Town would most likely not be paying either as you have heard Ms. Johnson say that the Town is paying for

the Regional Interconnection debt. He said that he would inquire in Waterford on how they handle such matters.

Mr. Bond explained that as a Water Co. that they have a responsibility to Costco and others as a customer to do well by them and not to ask them for an extra contribution to this when they have paid to become a customer.

Mr. Mingo said that all the gas stations have monitoring wells and bonds and for the service stations it is all covered and insured. Further, it is public information.

11. Correspondence Log

There were no comments.

12. Chairman's Report

Mr. Nickerson reported that the judge reached a decision on the capacity appeal and that it was not favorable. He said that they must provide enough capacity to the Landmark property. He said that he needs to review it further and would have more later on this.

13. Assistant Utility Engineer Update

Mr. Bragaw updated that they are working on this and would have more at a later date.

14. Staff Updates

a. Water Department Monthly Report

Ms. Russell asked about Item 5 regarding monitoring of contaminants – which are they.

Mr. Kargl said that this is an unfunded mandate from what he can see.

Ms. Russell asked when it was last tested.

Mr. Kargl said that it is the first time and it is for emergent contaminants.

b. Sewer Department Monthly Report

Ms. Russell said that she did an analysis and is trying to figure out where they stood on capacity as it seems to her that they are getting close to their allowable capacity.

Mr. Kargl and Mr. Mingo noted that the flows increase with the summer influx of people.

Ms. Russell said that she thinks that they have to plan ahead.

Mr. Kargl said that the amount is based upon an annual average and we are always under.

Mr. Murphy asked about the status on the meeting agreement with New London as it is coming up for renewal.

15. Future Agenda Items

Ms. Russell asked for information on the water quality report to be discussed.

16. ADJOURNMENT

Mr. Nickerson called for a motion to adjourn.

****MOTION (6)**

Mr. DiGiovanna moved to adjourn this Regular Meeting of the East Lyme Water & Sewer Commission at 9:09 PM.

Mr. Murphy seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

Respectfully submitted,

Karen Zmitruk,
Recording Secretary

Well 1A & Well 6 Treatment Project East Lyme, CT

Job Number: E-0610-07
Opinion of Probable Construction Cost
Prepared August 2018 - Permit Set

CONSTRUCTION

	Cost
Div 2: Site Work ¹	\$582,000
Div 3: Concrete	\$183,000
Div 4: Masonry	\$68,000
Div 5: Metals	\$12,000
Div 6: Woods & Plastics	\$30,000
Div 7: Thermal & Moisture Protection	\$72,000
Div 8: Doors and Windows	\$19,000
Div 9: Finishes	\$123,000
Div 11: Equipment	\$894,000
Div 13: Special Construction	\$93,000
Div 15: Mechanical	\$224,000
Div 16: Electrical	\$1,065,000
General Conditions (15%)	\$505,000
	SUBTOTAL
	\$3,870,000
Escalation/Market Conditions (3%)	\$116,000
Construction Contingency (10%)	\$387,000
	CONSTRUCTION
	\$4,373,000

ENGINEERING AND OTHER PROJECT COSTS

Engineering Bidding, Construction Administration, Observation and Post Construction Allowance	\$575,000
SCADA Integration Services Allowance ²	\$75,000
Bond Counsel Allowance	\$10,000
	SUBTOTAL ENGINEERING AND OTHER PROJECT COSTS
	\$660,000

TOTAL PROJECT CONSTRUCTION PHASE **\$5,033,000**

moving parts

DEDUCT ALTERNATES (These costs are included above)

D1 - Irrigation Well and System Modifications	\$50,000
D2 - Furnishing and Installing 4th pressure filter	\$420,000
D3 - Microgrid Conduits Handholds and Manholes	\$400,000
D4 - Well 1A and Well 6 WTP Standby Power	\$590,000

SUBTOTAL DEDUCT ALTERNATES **\$1,460,000**

RECOMMENDED PROJECT BUDGET CONSTRUCTION PHASE **\$4,640,000**

RECOMMENDED PROJECT BUDGET CONSTRUCTION PHASE W/ MICROGRID **\$5,040,000**

¹ A \$75,000 allowance for Natural Gas and Electric Utility fees is include in Site Work

² SCADA Integration Services to be paid directly from the Town to Town SCADA Integrator

Attachment was 8/28/18 Discussion -