

**EAST LYME WATER AND SEWER COMMISSION  
REGULAR MEETING OF JUNE 24, 2014**

Present: Mark Nickerson, Vice Chairman  
David Zoller  
David Murphy  
Roger Spencer  
Joe Mingo  
Carol F. Russell  
David Bond

FILED IN EAST LYME  
CONNECTICUT  
June 26, 2014 AT 3:50 AM/PM  
*V. Mingo*  
EAST LYME TOWN CLERK

Members Absent: Steve DiGiovanna  
John Jasper

Also Present: Joe Bragaw, Public Works Director  
Brad Kargl, Municipal Utility Engineer  
Anna Johnson, Finance Director  
David Kenney, Project Manager

**1. Call to Order.** Vice Chairman Nickerson called the June 24, 2014 Regular Meeting of the Water and Sewer Commission to order at 7 p.m.

**2. Approval of Minutes**

**a. Regular Meeting Minutes - May 27, 2014.** The following correction was noted: On page 5, under item 13, the following to be added "Ms. Russell expressed serious concern that despite multiple requests DPH has not yet cited any studies to support the current standard for optimal water fluoridation to provide a sufficient margin of safety to insure no adverse effects to the developing brain. She highlighted published studies from 1995 through March 2014 linking fluoride to developmental neurotoxicity."

**MOTION (1): Mr. Zoller moved to approve the East Lyme Water and Sewer Commission Meeting Minutes of May 27, 2014, as amended. Seconded by Mr. Murphy. (7-0) Unanimous**

**3. Delegations**

There were no delegations.

**4. Water and Sewer Billing Adjustment Requests--Attachment A.** None.

**5. Approval of Bills -- Attachment B.**

**MOTION (2): Mr. Zoller moved approve Application No. 8 to Mid Atlantic Storage Systems in the amount of \$174,308.85. Seconded by Mr. Mingo. (7-0) Unanimous.**

**MOTION (3): Mr. Zoller moved to approve Application No. 09 to Mid Atlantic Storage Systems in the amount of \$25,917.19. Seconded by Mr. Mingo. (7-0) Unanimous.**

**MOTION (4): Mr. Zoller moved to approve Application No. 09 to D'Amato Construction in the amount of \$49,495.00. Seconded by Mr. Mingo. (7-0) Unanimous.**

**MOTION (5): Mr. Zoller moved to approve Invoice #042014175 to Tighe & Bond in the amount of \$49,085.25. (7-0) Unanimous.**

Mr. Bond asked if Tighe & Bond feels Mid Atlantic Storage Systems, Inc. have completed their work, except for the retainage. Mr. Kenney stated they completed the work on March 23.

Mr. Murphy asked if we have reached an agreement with them? Mr. Kenney replied we have a retainage of 5% of the total project.

**MOTION (6): Mr. Mingo moved to approve invoice dated June 2, 2014 to Anello Brothers, LLC in the amount of \$4,050 for work on the Shore Road water main extension. Seconded by Mr. Zoller. (7-0) Unanimous.**

**MOTION (7): Mr. Mingo moved to approve invoice dated June 9, 2014 to Anello Brothers, LLC in the amount of \$11,250 for work on the Shore Road water main extension. Seconded by Mr. Zoller. (7-0) Unanimous.**

#### **6. Acquisition Program FY15 - Water and Sewer Vehicles.**

Commission members reviewed Memo dated June 20, 2014 from Anna M. Johnson, Director of Finance, regarding an appropriation for the 2014/2015 Vehicle Acquisition Program for sewer operations.

**MOTION (8): Mr. Zoller moved to approve an appropriation in the amount of \$48,802 for Sewer Operations for the purpose of acquiring by way of lease or purchase a vehicle as evidenced by an agreement for the acquisition of the vehicle by lease or purchase or a combination thereof, for a total**

**price of \$47,000 plus interest at the rate of 1.49% per annum, payable in annual installments of \$9,761 (\$813.36/month) over a period of five (5) years. The First Selectman (Water & Sewer Commission Chairman) is authorized in the name and on behalf of the Town, to execute and deliver any documents that may be required in connection with said transaction. Seconded by Mr. Murphy. (7-0) Unanimous.**

Mr. Bond asked if payments are the best way to purchase a truck? Mr. Kargl replied we want to take advantage of this low interest rate.

## **7. Water Project Updates.**

**a. Regional Interconnection.** Commission members reviewed update dated June 1, 2014 regarding the East Lyme-New London Interconnection project. Mr. Kargl reported we are looking to have it fully operational. The system will not be in by July 4 weekend. When the switch over is made, all customers will be on a new zone. We need to manage water quality and evaluate the pressure. We are working on the campground and it will cost \$20,000 to fund the PRV installation. DPH has agreed to fund the PRV installation at the Campground.

Mr. Zoller felt it is wise to do the work after the July 4 weekend so any problems can be handled.

Ms. Russell asked how long a period of time are residents going to feel a big difference? Mr. Kargl replied a day or two, and he and plans to inform the 63 residents who will be affected on what to expect.

Mr. Kenney stated there is very little work for the contractors along routes 161 and 85. There is extra work needed to install a hydrant at the Tank site, and pave around the Tank. This work is scheduled for next week. Mr. Kargl has requested that New London, Waterford and Montville meet to discuss how the fire hydrant will be used.

Mr. Kargl informed the Commission the MOU with New London has been executed. The DEEP and DPH approve of the MOU. Ms. Russell asked if we plan to have a MOU with Montville also. Mr. Kargl stated he would like to.

Mr. Murphy stated Cranberry Meadow has become a flood zone. Mr. Kargl replied that makes it more complicated than normal. Mr. Kenney added it is less than 200' from the creek. Mr. Murphy asked what the change orders were for? Mr. Kenney replied there have been 17 change orders for the pump station. None for the tank. Four for the pipe line. Mr. Kargl needs to determine if we have funding for some of these change orders.

**7.b. Other.** Mr. Kargl asked this Commission to consider funding \$12,000 from the Water Construction Account to refurbish the filter building. It needs the old shingles removed, new 35 year architectural shingles installed to code, all fascias, rack boards and corner board wrapped with aluminum, new aluminum soffit panels, two aluminum cable vents, all corner boards and soffit boards nailed or tightened up before wrapping with aluminum, texture 1-11 will be renailed along the buckled area, and any bad plywood on the roof replaced at \$55 per piece. The total cost of material and labor is \$10,705. If Azeck corner boards are used instead of aluminum there would be an additional cost of \$700.

**MOTION (9):** **Mr. Murphy moved to approve up to \$12,000 from the Water Construction Account to complete building renovations of the Well 1A GAC Filtration Plant to include but not limited to the repair and or replacement of the roof, wrapping of fascias and rakes with aluminum, installation of vinyl or aluminum soffets, replacement of gabled end vents, repairing of siding, replacement of corner posts and trim around the garage door, and disposal of demolition material. Seconded by Mr. Zoller. (7-0) Unanimous**

**8. Budget Report - Finance Director.** Mr. Murphy asked what are we paying each year for sewer bonds? Ms. Johnson replied there are four more payments to be taken out of the Sewer Assessment Fund. There will be sewer related debts that will be considered the Town's portion. She was asked make available to this Commission the Sewer Assessment Account at the next meeting of this Commission.

**9. Pump Station Upgrades.** Mr. Kargl stated he would like to understand the cash flow of our plans for the Niantic Pump Station. At the last meeting he presented the Commission with a draft to upgrade the Niantic Pump Station over a three year period. We may have opportunities with state funding. After discussion it was felt we could take some out of the sewer assessment fund and bond some. Ms. Russell suggested 60% should come from the sewer assessment fund and 30% from bonding. Ms. Johnson added the Sewer Assessment Fund will complete its obligation over the next four years. Ms. Russell felt our rate payers will be taking on a burden. That was not part of the long term planning.

Ms. Johnson will show the Commission how much more of sewer related debt there will be and how much the sewer assessment will pay. We have sewer debts to 2028. Mr. Mingo stated part of the reason we put in sewers was to bring in economic development. Ms. Russell added the customers will pay 60% of the bond payment and the Town budget will pay 40%. We have paid 100% for the last ten years. Mr. Kargl felt a Sewer Capital Plan is needed. He felt a consultant will be needed to prepare plans and specifications for bidding.

**10. Pavement Management Plan.** Mr. Bragaw reported the Public Works Department is putting together a five year plan on pavement. Commission members reviewed a road repair list. If sewers are planned, we do not want to begin paving until the sewers are installed. The Gateway project is being worked on and water will be coming from Rt. 161.

Ms. Russell asked how long can work be delayed on Saunders Point? She was informed six years.

Mr. Kargl informed the Commission \$76,000 will be needed for the study to proceed. He is waiting for correspondence from DEEP.

Ms. Russell asked will this sum come out of the Sewer Assessment Account? Mr. Kargl felt that would be appropriate.

Mr. Mingo suggested extending the water main on Lovers Lane and Dean Road, because they have no fire protection. Mr. Kargl stated we would have to do a water assessment.

Mr. Bond asked if we decide to run water to Lovers Lane how long would it take? Mr. Kargl replied approximately two years. Its out of our service area.

Mr. Mingo felt a Five Year Plan is needed. Mr. Bond felt we need to know how much we need daily.

**11. Route 1 Bridge Project Over the Niantic River - Stantec Proposal.** The Commission was asked to consider the proposal from Stantec Consulting Services, Inc. in the amount of \$4,600 to prepare plans and specifications to accommodate future water and sewer mains from the CTDOT Route 1 bridge replacement project over the Niantic River.

**MOTION (10):** Mr. Zoller moved to authorize the Chair to execute, in the name and on behalf of the Commission, a proposal from Stantec Consulting Services, Inc. dated May 13, 2014, in the amount of \$4,600 to prepare plans and specifications to accommodate future water and sewer mains for the CTDOT Route 1 bridge replacement project over the Niantic River. Seconded by Mr. Spencer. (7-0) Unanimous.

**MOTION (11):** Mr. Murphy moved to transfer \$4,600 from C-62-70-006-500-002, Shore Drive Water Main Replacement to C-62-70-006-500-017, Water Main Improvements.

**Seconded by Ms. Russell. (7-0) Unanimous.**

**12. Communications.**

**a. See Correspondence Log.**

1. Copy of letter dated June 17, 2014 to Mark Zamarka from Timothy Hollister regarding Gateway Development.
2. Letter dated May 22, 2014 from the East Lyme Water and Sewer Commission from the City of New London, regarding regular meeting minutes of May 22, 2014.
3. Letter dated May 22, 2014 from the East Lyme Water and Sewer Commission from the City of New London, regarding comments from the Public Hearing revised.
4. Letter dated May 22, 2014 from the City of New London, regarding comments from the Public Hearing.
5. Letter dated May 22, 2014 from the East Lyme Water and Sewer Commission to the City of New London, regarding a Notice of Public Hearing.
6. Letter dated May 21, 2014 to Paul Formica from Louis D. Bacho, of DOT, regarding US Route 1 over the Pattagansett River.
7. Letter dated May 20, 2014 to the East Lyme Water & Sewer Commission from the Water Utility Commission, regarding Regular Meeting Minutes of May 20, 2014.

**13. Chairman's Report.** There was no Chairman's Report.

**14. Fluoride Update.** Ms. Russell reported in 2011 we discussed a moratorium on the proposed change for the optimal standards for fluoride in drinking water. There was concern about dental fluorosis. Ms. Russell gave copies to Commission members of an article in the Washington Times entitled "Albuquerque Utility Votes Against Floride", article dated June 21, 2012 entitled "New Hampshire Passes First State-wide Fluoride Warning Law." and article dated June 19, 2008 by the Sierra Club entitled "Policy on Fluoride in Drinking Water". (All attached).

**15. Staff Updates.**

**a. Water Department Monthly Reports.** Commission members reviewed the Superintendent of Utilities Monthly Report and Major Project Status Report. Mr. Kargl stated the water usage is under control.

**b. Sewer Department Monthly Reports.** Commission members reviewed the Sewer Department Monthly Report. Mr. Kargl stated we are repairing manholes and reducing usage. We are finding leaks and may need to budget for repairs.

**16. Adjournment.**

**MOTION (12): Mr. Murphy moved to adjourn the June 24, 2015 East Lyme Water and Sewer Commission Regular Meeting at 8:50 p.m. Seconded by Mr. Mingo. (7-0) Unanimous.**

**Respectfully submitted,**

**Frances Gheri  
Substitute Recording Secretary**



EXPLORE, ENJOY AND PROTECT THE PLANET  
EXPLORE, ENJOY AND PROTECT THE PLANET

 

- About
- Goals
- News
- Local
- Outings
- Join, Renew, Give
- Take Action

[Home](#) | [About Us](#) | [Policy](#) | [Conservation](#) | [Fluoride](#)



### Sierra Club Policies

## Sierra Club Conservation Policies

### Policy on Fluoride in Drinking Water

The Sierra Club recommends lowering the maximum contaminant level of fluoride in drinking water from the present 4mg/L to a level shown not to harm aquatic ecosystems or human health. [National Research Council, [Fluoride in Drinking Water: a Scientific Review of EPA's Standards, March 2006](#)]

The Sierra Club understands the historic reason that fluoridation of public water supplies has been promoted and that it may have been historically justifiable (162 million people get fluoride added to their municipal water supply at the recommended level of 0.7-1.2 mg/L). There are now, however, valid concerns regarding the potential adverse impact of fluoridation on the environment, wildlife, and human health.

Therefore, the Sierra Club believes that communities should have the option to reject mandatory fluoridation of their water supplies.

To protect sensitive populations, and because safer strategies and methods for preventing tooth decay are now available, we recommend that these safer alternatives be made available and promoted. If fluoride is added to municipal water supplies, sodium fluoride rather than fluorosilicate compounds should be used because the latter has a greater risk of being contaminated with such heavy metals as lead and arsenic.

Before a water supply is fluoridated, there should be a local assessment of the impact on affected aquatic ecosystems. This assessment should examine background fluoride levels and estimate what the levels will be after fluoridation. It should also assess the effect of this increased fluoride on downstream aquatic ecosystems.

Board of Directors, June 19, 2008

- [Articles of Incorporation](#)
- [Conservation Policies](#)
- [Blogging Guidelines](#)

### Get the Sierra Club Insider

Get the Sierra Club [Insider](#), our email newsletter. News, green lifestyle tips, and ways to take action: right to your Inbox, twice a month.

Email:

Zip:

[Home](#) | [Contact Us](#) | [Careers](#) | [En Español](#) | [Terms and Conditions of Use](#) | [Privacy Policy/Your California Privacy Rights](#) | [Website Help](#) | [Benefactors](#)

Sierra Club® and "Explore, enjoy and protect the planet"® are registered trademarks of the Sierra Club. © 2014 Sierra Club.  
The Sierra Club Seal is a registered copyright, service mark, and trademark of the Sierra Club.



Got a News Tip for NaturalNews? Send us your news tip, and we'll investigate!

## New Hampshire passes first state-wide fluoride warning law

Cottonwood Mall Dental

familydentalcenters.net  
Dentistry-Orthodontics-Oral Surgery J.D. Meehan, DDS, Certif Oral Surgeon

Posted: June 21, 2012 | 0 Comments

90 19 0

Recommend Share 90

Share Tweet +1 Email Share Follow @HealthRanger

Beginning August 4, 2012, New Hampshire will require notification that 6-month-olds should not be routinely fed infant formula mixed with fluoridated water to avoid discoloring babies' unerupted teeth (fluorosis), reports the Fluoride Action Network (FAN).

Passed by the House, 253-23, unanimously by the Senate, and signed by the Governor, HB-1416 reads: "If a public water supply is fluoridated, the following notice shall be posted in the water system's consumer confidence report: 'Your public water supply is fluoridated. According to the Centers for Disease Control and Prevention, if your child under the age of 6 months is exclusively consuming infant formula reconstituted with fluoridated water, there may be an increased chance of dental fluorosis. Consult your child's health care provider for more information.'" The bill was introduced by Rep. Anne Cartwright (R-Alstead), and had four co-sponsors.

"Neither a nutrient nor required for healthy teeth, fluoride chemicals are added to public water supplies in a failed attempt to reduce tooth decay," says Paul Connett, Ph.D., FAN's Executive Director. "Current science shows that fluoride hardens teeth topically. Swallowing fluoride delivers risks without benefits," says Connett.

Fluoridated water contains 100-200 times more fluoride than breast milk. And all infant formula already contains some fluoride.

The Centers for Disease Control reports that 41% of 12-15 year-olds are affected with fluoride overdose symptoms - dental fluorosis, white spotted, yellow, brown and/or pitted teeth - from over-ingesting fluoride while their teeth were forming.

Connett says, "We are proud of New Hampshire legislators for taking this bold step. Fluoridation is a political issue and most legislators shy away from notifying constituents of any scientifically-verified negative effects from fluoride for fear of offending the dental lobby."

The scientific literature has been reporting for over a decade that mixing infant formula with fluoridated water is linked to dental fluorosis. And many government, health and dental agencies now advise against mixing fluoridated water and infant formula. But New Hampshire is the first state to require warnings on annual water reports.

Connett says, "We hope this gives legislators the courage to stop fluoridation entirely because several studies from China show even modest exposure to fluoride is associated with lower IQ. Fluoride promoters can provide no evidence that efforts are being made to either refute or repeat these studies in the U.S."

SOURCE Fluoride Action Network

Got a News Tip for NaturalNews? Send us your news tip, and we'll investigate!

## New Hampshire passes first state-wide fluoride warning law

Cottonwood Mall Dental

familydentalcenters.net

Dentistry-Orthodontics-Oral Surgery J.D. Meehan, DDS, Certif Oral Surgeon

Posted: June 21, 2012 | 0 Comments

90 19 0

Recommend Share 80

Share Tweet g+1 Email Share Follow @HealthRanger

Beginning August 4, 2012, New Hampshire will require notification that 6-month-olds should not be routinely fed infant formula mixed with fluoridated water to avoid discoloring babies' unerupted teeth (fluorosis), reports the Fluoride Action Network (FAN).

Passed by the House, 253-23, unanimously by the Senate, and signed by the Governor, HB-1416 reads: "If a public water supply is fluoridated, the following notice shall be posted in the water system's consumer confidence report: 'Your public water supply is fluoridated. According to the Centers for Disease Control and Prevention, if your child under the age of 6 months is exclusively consuming infant formula reconstituted with fluoridated water, there may be an increased chance of dental fluorosis. Consult your child's health care provider for more information.'" The bill was introduced by Rep. Anne Cartwright (R-Alstead), and had four co-sponsors.

"Neither a nutrient nor required for healthy teeth, fluoride chemicals are added to public water supplies in a failed attempt to reduce tooth decay," says Paul Connett, Ph.D., FAN's Executive Director. "Current science shows that fluoride hardens teeth topically. Swallowing fluoride delivers risks without benefits," says Connett.

Fluoridated water contains 100-200 times more fluoride than breast milk. And all infant formula already contains some fluoride.

The Centers for Disease Control reports that 41% of 12-15 year-olds are affected with fluoride overdose symptoms - dental fluorosis, white spotted, yellow, brown and/or pitted teeth - from over-ingesting fluoride while their teeth were forming.

Connett says, "We are proud of New Hampshire legislators for taking this bold step. Fluoridation is a political issue and most legislators shy away from notifying constituents of any scientifically-verified negative effects from fluoride for fear of offending the dental lobby."

The scientific literature has been reporting for over a decade that mixing infant formula with fluoridated water is linked to dental fluorosis. And many government, health and dental agencies now advise against mixing fluoridated water and infant formula. But New Hampshire is the first state to require warnings on annual water reports.

Connett says, "We hope this gives legislators the courage to stop fluoridation entirely because several studies from China show even modest exposure to fluoride is associated with lower IQ. Fluoride promoters can provide no evidence that efforts are being made to either refute or repeat these studies in the U.S."

SOURCE Fluoride Action Network