

**THESE MINUTES ARE SUBJECT TO APPROVAL AT THE NEXT WPCA MEETING
WATER POLLUTION CONTROL AUTHORITY
ESSEX TOWN HALL – DECEMBER 17, 2018 5:00 PM**

The Essex Water Pollution Control Authority Regular Meeting was held on Monday, December 17, 2018. In attendance were Chair Susan Malan, Randel Osborne, Mark Reeves, Leigh Rankin and Wendy Arnold. Absent: Al Wolfram.

CALL TO ORDER

The meeting was called to order by Chair Malan at 5:02pm.

APPROVAL OF THE AGENDA

Upon a motion made by Randel Osborne and seconded by Leigh Rankin, the Water Pollution Control Authority unanimously **VOTED** to approve the agenda as written.

APPROVAL OF OCTOBER MEETING MINUTES

Upon a motion made by Randel Osborne and seconded by Leigh Rankin the Water Pollution Control Authority unanimously **VOTED** to approve the October 2018 minutes.

PUBLIC COMMENT – VISITORS

None.

OLD BUSINESS

Lisa Fasulo was not in attendance but provided the following written report:

1. **Main Street Essex – Monitoring Wells Report**
Lisa provided a written update including data on the monitoring wells. The commission discussed the test results provided and had follow up questions for Lisa Fasulo. The commission feels 1 year of collection data is necessary to determine if work to systems that occurred in the fall of 2018 shows any improvement to the test results. The commission questioned why only one monitoring well is being tested for phosphorous.
2. **Cesspool removal/replacement ordinance action steps:** No additional cesspools are known at this time.

NEW BUSINESS

Approval of 2019 meeting calendar – motion by Mark Reeves, seconded by Randal Osborne to approve the meeting calendar as submitted – passed unanimously

Election of officers – a motion made by Mark Reeves and seconded by Randel Osborne to elect Susan Malan as Chair of WPCA – passed unanimously

REPORT – LISA FASULO, HEALTH DIRECTOR

Lisa Fasulo was not in attendance but provided the following written report:

1. **Carlson's Landing** Septic system is designed by Milone & MacBroom Inc. The septic system is sized for a 55-seat restaurant, 5 office employees and 11 boat slips. Design flow is 1970gpd. System consists of a 2000-gallon grease tank, 2000-gallon septic tank, 4500-gallon pump chamber and 86 LF of GEOU1851 leaching structure with SoilAir system. GEOU1851 x 29.9 sf/lf = 2571.4 ELA. All tanks are made of concrete & the engineer shall verify all tanks are water tight. An annual maintenance contract is required between the property owner and Geomatrix to monitor septic system performance. A 100% reserve area is shown on the plan. The primary leaching structure was

installed in August 2018 by Jeff Stevens and piped for Soil Air System. Not sure when the remainder of the septic system will be installed.

2. **Essex Glen** Septic system was designed by Angus McDonald & Assoc. in 2016 and submitted to CT DEEP for their review and approval because the total wastewater flow to the entire parcel is > 5000 gpd (CT Public Health Code Sec. 19-13-B104). Local health dept. did not review or approve the plan nor will the local health dept. issue any permits to discharge. DEEP will issue the permit to discharge as each home is built. The construction notes indicate that "Maintenance & repair of septic systems shall be responsibility of the Homeowners Association".

Local Health Dept is responsible for inspecting the system as it is installed. There are 26 single family homes each having 2-bedrooms. Each home will have a 1000-gallon septic tank and 42LF of GST6202 leaching structure. Soil Air is installed on each septic system. Per CT DEEP calculations GST 6206 leaching structure has a credit of 10.5sf/LF therefore each leaching structure provides 441 sf ELA. This is a different calculation than DPH Technical Standards. All leaching structures were installed in January 2017. As each new home is built, the tank, distribution pipes, and SoilAir are installed and connected to the specific leaching structure for that home.

As of Oct 2018, 4 homes are completely constructed, and Certificates of Occupancy have been issued by the Building Official and Permits to Discharge to the septic system have been issued by CT DEEP.

3. **Essex Meadows** change in ownership. Change in ownership from Essex Meadows Inc. to LCS Essex Meadows LLC a continuing care community is complete. The new owner will still be bound to the Community Sewage System agreement made with the Essex WPCA in 2008.
4. **Current septic issues**
 - 90 Main Rd. Essex - Septic System Failure (breakout) – Order Issued. Soil testing is done. Joe Wren is the engineer
 - 90 Plains Rd Essex - Septic System Failure (breakout) – Order Issued. Soil testing is done. John Finkeldey will prepare a repair plan.
 - 9 Novelty La – Septic System Failure (broken pump chamber). Repair completed last week.
 - 13 Novelty La – Septic System failure (frequent pumpouts are required to prevent breakout). Soil testing is done. Roger Nemergut is the engineer.

REVIEW OPERATING STATEMENT AND INCOME STATEMENT

The financial reports were reviewed and accepted

ADJOURNMENT

Upon motion made by Mark Reeves and seconded by Wendy Arnold, the Water Pollution Control Authority unanimously **VOTED** to adjourn at 5:31 pm.