

Town of Lakeville
Board of Health
November 3, 2021

Members present: Chairman Maxim, Member Spratt, Member Poillucci, and Health Agent Ed Cullen. Chairman Maxim called the meeting to order at 6pm. This meeting was recorded by LakeCam.

84 County St. - Meet with Outback Engineering to discuss local upgrade approval. Jeff Youngquist from Outback Engineering was present for discussion. This project is a septic repair with a variance request. They are requesting a reduction in the minimum separation to groundwater from 4' to 3' in soils with a perc rate of 8 minutes per inch. This will allow for a gravity system and not a mounded pump system. Chairman Maxim said they would need to keep raising the contours which would trap water under the deck, so he understood why they were proposing this. They are already raising the plumbing one-foot so he didn't know if they could raise it more to avoid a pump. There are no wells in the vicinity and they are 170-feet from their own well. Agent Cullen said they are about 170-feet from the closest abutter and no wells within 150-feet. Chairman Maxim said the two percs are only 20-feet apart but are quite different. One has no water, no mottles. Then in 20-feet you have water at 5 and mottles at 80. The perc elevations are at the higher side at 101, so by the time this system drops off, two-feet across the system, you're down to 99, there will be 5-feet of sand under it and four-feet at the 100 grade. Member Spratt said if you come out the side of the house a little bit higher, with the plumbing higher, you could avoid the pump. There was a discussion about the site.

Upon a motion made by Member Poillucci, seconded by Member Spratt, it was:

Voted: to approve the waiver from 4-feet to 3-feet above ground water at 84 County Street.
Unanimous approval.

21 Hilltop Acres - Continued discussion from October 6, 2021. Meet with Outback Engineering to discuss local upgrade approval requests. Jeff Youngquist from Outback Engineering was present for discussion. Mr. Youngquist said they moved the system so they could get at least 100-feet from every well on this side of the street. The only ones they couldn't get 100-feet from is their own well, which is 57. From one neighboring well, they are 87 and from another they are 59. All abutters were notified and green cards were turned in. Chairman Maxim said it's a tight location and it's almost impossible to get down the hill. Pumping from a pump tank to a septic tank, under CMR 15.229, it's not recommended. If you pump up to 25%, you have to have met criteria 1A and 1B, a non-grinder pump is preferred to get a pump under 60-gallons a minute. Under section 2, it says it's not recommended to pump 25% of the design flow for the system to a septic tank. However, when necessary, specifying pump and sewage may be approved by the Board. Chairman Maxim explained that it grinds it up and sends it all into the tank in a dilution and it's not the intent of the system to hold it that way. The Board is allowed to permit this, its gravity feeding into a grinder pump at the base of the house and pumping up to about 100-feet to another two-compartment septic tank with a Zabel filter on it. Chairman Maxim thought it would help to upgrade the filter to an A100 or an A300, a bigger filter. There was a discussion regarding the tank. The fields are going in the back almost in the same spot, they're just putting a two-compartment tank. Agent Cullen said the well at 21 Hilltop has come back with high nitrates at 16.6. The well at 19 Hilltop Acres had 9 milligrams per liter, and 24 Hilltop had about 9.8. There was a review

of the waiver requests. A sixth variance will need to be added to the plan. There are three waivers from the wells, two waivers from the pond and then one from the garage, for a total of six. Chairman Maxim reviewed the variance requests from the previous system. In the 2001 approval, the condition was that a backup generator was required. It will be necessary to verify that there is a backup generator on site. There was no treatment system required in the approval from 2001. Since many of the surrounding wells are contaminated a treatment system may be necessary. Agent Cullen said there will be a reverse osmosis water treatment because the nitrates are so high. Member Spratt asked if the homeowners were selling. Mr. Youngquist said he did not know. Agent Cullen said it was a good point that if they are not selling, they do not have to put in a treatment system. If they were selling they would have to put in a water treatment system because nitrates are over.

Upon a motion made by Member Poillucci, seconded by Member Spratt, it was:

Voted: to approve the five requested upgrades and add a sixth that reduces the tank to the pond to 110-feet and with the stipulation that when the Agent goes out for the Certificate of Compliance, see that there's a generator installed there, as the last septic system was required to have.

Unanimous approval.

Review and approve meeting minutes as typed - June 2, 2021.

Upon a motion made by Member Spratt, Chairman Maxim stepped down to second, it was:

Voted: to approve the Lakeville Board of Health meeting minutes dated June 2, 2021 as typed.

Two in favor (Spratt, Maxim), one abstain (Poillucci).

Announcements -

2021 Animal Inspections - Agent Cullen said that the animal inspections are starting now. Residents will be notified prior to the inspection. This is for stable permits for equine.

Town meeting - There will be a Special Town Meeting on November 8th 2021 at 7pm at Apponequet High School. Masks will be required.

COVID-19 - Agent Cullen said cases are declining. There was a larger than normal amount of cases over the last few days, possibly from Halloween. In general, the trend is still going downward. With the holidays coming, we do get an increase. Residents should be concerned 3-4 days after any holiday event, that's when the majority of cases appear. There has also been an emergency approval for vaccines for children 5-11 years old. The dose is 1/3 the adult dosage and is given in two shots.

Adjournment - (6:48pm)

Upon a motion made by Member Poillucci, seconded by Member Spratt, it was:

Voted: to adjourn.

Unanimous approval.