Board Members Present: Ed Weiner, PhD, Chairman; David McSweeney, Vice Chairman; Libby Walendziewicz, RN, MSN and Maribeth Welch

Not Present: Dr. Wayne Saltsman, MD, PhD

Staff Members Present: Susan Lumenello, REHS/RS, CHMM, Director of Public Health; Christine Mathis, Environmental Engineer; Christine Paulik, RN, Supervising Nurse; and Samantha Hardy, Associate Health Inspector

Dr. Weiner called the Board of Health meeting to order at 7:00 PM followed by the Pledge of Allegiance.

Approval of Minutes: July 23, 2019 and September 24, 2019

Dr. Weiner stated that they will postpone the vote of the July 23, 2019 and September 24, 2019 minutes until the members present at that meeting are in attendance.

Citizen's Time: No one spoke.

Chairman's Report: There was no Chairman’s Report.

Subcommittee Reports: 1 Wheeler Road

Dr. Weiner stated that they will discuss the subcommittee report during the application hearing.

Dr. Weiner stated that they have had a request to take an agenda item out of order.

MOTION: Mr. McSweeney made a motion to take the agenda item for 207 Cambridge Street out of order. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

Discussion:

*Stormwater Management – 207 Cambridge Street*

Fred Russell, Project Manager; Mo Santangelo, Owner and Mark DiPietro, Landscaper for 207 Cambridge Street appeared to discuss storm water management for the site. Ms. Mathis stated that this property was discussed in May. There were many issues with this property during the winter of 2018-2019 with run off that went into the street and sidewalk creating issues with ice. The Town and Mass DOT have visited this site multiple times. The water table is high in this area and when there are heavy rains, the water overflows into the street.
Mr. Russell stated that they are proposing a depression area to catch the runoff from the adjacent slope that drains towards Cambridge Street. The depression area will have no more than 1’ of standing water and they will be removing ~1,000 SF of asphalt and a few parking spaces. There is also an overflow structure that will be installed. The water table is only 1’ below ground so they can’t install any subsurface infiltration systems.

Mr. McSweeney stated that he is concerned with 1’ of standing water especially so close to the street and asked if it could be moved elsewhere or protected with a barrier. Mr. McSweeney asked when the work will be done. Mr. Santangelo stated that they would like to do it as soon as possible but they need to get Mass DOT approval after the Town approves it.

Dr. Weiner asked what is behind the depression. Mr. Russell stated that there is a hill with a 6’-7’ grade differential. Dr. Weiner stated that he is also concerned with the location of the depression that is so close to the street and a bus stop and asked if a barrier could be installed. Mr. Santangelo stated they could install trees or a guardrail. Mr. Russell added that a row of arborvitaes would also work. Ms. Mathis added that trees would help with water absorption and they should be planted close together. Dr. Weiner asked if there is a maintenance schedule for this depression area. Mr. Russell replied yes, the Operation & Maintenance manual has been included.

The Board was in favor of the proposal. Ms. Mathis stated that she will send an email to Mass DOT indicating the Board’s has no objections.

Applications:

- Application for Definitive Subdivision – 108 Muller Road

Attorney Thomas Murphy and Fred Russell, Project Engineer appeared for the 108 Muller Road Definitive Subdivision. Attorney Murphy stated that this has been approved by the Planning Board subject to this Board’s approval. Dr. Weiner asked if our conditions will be added to their decision or will their decision be added to our conditions. Ms. Lumenello stated that our conditions will be added to the Planning Board decision. Their hearing is closed but their decision has not been finalized. Our conditions will be added and then it be recorded at the Registry of Deeds.

Mr. Russell stated that this proposal includes 3 ½ acres of land. They will be filing a Notice of Intent with the Conservation Commission. The roof runoff will be processed through infiltrators. There is a problem with runoff from the driveway so they are proposing porous pavement instead of a drainage swale.

Dr. Weiner stated that the original plans showed access off of Muller Road but the Police and Fire Departments had objections. The Board of Health only deals with drainage and sewerage structures. Mr. Weiner asked if test pits were done. Ms. Mathis replied yes, there were test pits dug and witnessed about 4 weeks ago. The applicant will have to import soil to make the system work.

Ms. Welch asked how condition #2 would be enforced. Ms. Mathis stated that they would need to provide maintenance logs. This would only be needed if there was an issue. Ms. Mathis stated that this is the first project using porous pavement. Ms. Welch stated that we should require an annual report. Ms. Lumenello stated that condition #3 states that if there is a problem, an inspection would be required.
Mr. McSweeney asked how long the driveway is. Mr. Russell replied about 120’. The base of the driveway is ¾” crushed stone to absorb the water. It resembles a binder course. Mass DOT uses porous pavement on highways and airports. Ms. Mathis stated that this can be plowed, but cannot be sanded. Ice Melt can be used on it.

Neil Russell of 26 Cormier Road – Mr. Russell stated that he is a direct abutter. There are legal issues with this subdivision that he will not go into right now. Mr. Russell stated that there used to be standing water where the driveway is proposed before he removed a 3-car garage, graded and planted grass on his property. He is concerned this proposal will lead to standing water again. Mr. Russell stated that he is concerned because they did mitigation on their property to address the standing water issue and now there will be a new house and driveway adding to the water problem. Dr. Weiner stated that the regulations stated that a project cannot cause water run off to other properties.

Mr. McSweeney stated that there were two subcommittee meetings to discuss this project. The water runoff from the house has not changed and the only change proposed is the driveway. Attorney Murphy stated that is correct, the driveway used to come off Muller Road, now it is coming off Cormier Road.

Ms. Lumenello asked if there were test pits done where the driveway will be located. Mr. Fred Russell replied no, but they will be removing unsuitable material. Mr. Fred Russell stated that the base coat of the driveway is very important and there should be an inspection conducted when it is being installed. Ms. Lumenello stated that a condition should be added that engineering is present during installation of the porous pavement.

MOTION: Mr. McSweeney made a motion to approve the application for the Definitive Subdivision for 108 Muller Road subject to the proposed conditions and amended to add Condition #12 that Engineering will be onsite to conduct an inspection of the porous pavement. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

Ms. Mathis stated that she will email the conditions to the abutter, Mr. Russell.

Application for Site Plan Approval – 1 Wheeler Road

Attorney Thomas Murphy, Dan Yu, owner and James White, PE, H.W. Moore Associates appeared for a Site Plan Approval at 1 Wheeler Road. Attorney Murphy stated that the applicant would like to demolish the existing building and construct a new commercial building in its place. They have opened with the Planning Board and had a joint departmental review meeting today. There was a subcommittee meeting held last week. Mr. White stated that the site is surrounded by Middlesex Turnpike to the south, Rt. 128 to the north, and the Vine Brook. The current building sits about 40’ from Middlesex Turnpike. The new building will be 2 stories and will have a smaller footprint than the existing but more square footage due to the two stories. There will be an increase in green space on the site. There will be parking for both levels of the building. The second floor will be at the same level as Middlesex Turnpike. There will be 103 parking spaces. There will be two stormwater infiltration systems with catch basins, deep sumps and water quality systems installed.
Mr. McSweeney stated that the subcommittee met last week and the applicant has addressed all of their issues. There is currently no storm water management on the site now and they will add a vapor barrier in the basement and provide a barrier for Vine Brook. Dr. Weiner stated that the vapor barrier will be a condition.

Dr. Weiner stated that the groundwater was contaminated by others and if during excavation, contamination is found in the ground water they will have to alleviate it. Mr. McSweeney stated that the groundwater is 12’ down so that should not be a problem. Ms. Mathis stated that they are also bringing in fill.

Attorney Murphy stated that in #4 on the subcommittee reports details that a fence, guardrail or planting are needed. They would like some flexibility. Dr. Weiner stated that condition is to provide protection to keep cars and kids out of the Vine Brook. Attorney Murphy is concerned with fencing and the potential to block line of sight and there are aesthetic issues so they would like to look at substantial landscaping and/or boulders with vertical granite curbing. Dr. Weiner stated that the key element is protection.

**MOTION:** Mr. McSweeney made a motion to approve the application for the Site Plan Approval for 1 Wheeler Road subject to the proposed conditions. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

**Permits:**

- **5 Harvard Road – Geothermal Well Permit**

Dennis Skilling appeared representing the owners at 5 Harvard Road.

Ms. Mathis stated that this application is for a geothermal well. There will be (2) 425’ deep wells to work as a heat exchangers to heat and cool the residence at 5 Harvard Road. A similar system was recently done and all the abutters have been notified.

Dr. Weiner asked how many of these systems have been done. Mr. Skillings replied thousands of geothermal holes. This system will have 2 holes but a commercial system could have as many as 50 to 100 holes. Dr. Weiner asked who puts the systems together. Mr. Skillings stated that they do the outside work and a mechanical contractor does the inside. Dr. Weiner asked what the responsibility of the Board of Health on this issue. Ms. Mathis stated that it is technically a well permit. Dr. Weiner asked how long will this process take and will the equipment go through rock. Mr. Skillings stated that it will take about 2 days and yes it goes through bedrock.

Ms. Lumenello stated that a lot of fill has been brought in to this property.

_Dan Costa of 5 Harvard Road –_ Mr. Costa stated that the fill was brought in for the equipment to dig these wells. Once the wells are drilled, the fill will be graded out. It will look the same as it was before.

**MOTION:** Ms. Walendziewicz moved to approve the geothermal well permit for 5 Harvard Road. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)
Staff Reports

Environmental Engineer

Ms. Mathis presented her report:

- Mosquito sampling stopped last week but the risk levels remain the same and Burlington is still at a low. The mosquitos are still here until there is a hard frost which is 4 hours at 28 degrees or below. Residents should still use protection.

Ms. Welch asked for an update on the storm drains that had E.coli. Ms. Mathis stated that the Conservation Commission did some samplings of outfalls and storm drains and they had multiple hits of E.coli. They are not sure where it is coming from. Ms. Mathis stated that they did site visits of surrounding septic system to look for any failures but they did not find any evidence it was coming from them.

Dr. Weiner stated that Burlington has received Platinum status from the Mass Biotechnology Council. Ms. Mathis stated that Burlington has met their criteria for Platinum status. Some of the criteria are: development coordination meetings, streamline permitting process, and having zoning areas that are biotech friendly to name a few. Burlington went from Bronze status to Platinum status, which is great for the Town.

MOTION: Ms. Walendziewicz moved to approve the Environmental Engineer’s report. The motion was seconded by Mr. McSweeney and unanimously approved. (4-0-0)

Associate Health Inspector

Ms. Hardy presented her report:

- The vaping ban inspections were done and all locations are now in compliance.

Mr. McSweeney asked why reinspections were done for the vaping locations. Ms. Hardy stated that all the products were removed, but they had to go back to make sure stickers and advertisements were also removed. Mr. McSweeney asked that the names of the locations for all reinspections be added to the report.

Dr. Weiner asked if the Board of Health has social media. Ms. Lumenello stated that we use the BVRC website to get our information out.

MOTION: Ms. Walendziewicz moved to approve the Associate Health Inspector report. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

Supervisory Nurse

Ms. Paulik presented her report:

- They will be busy with the flu clinic this Saturday at the Memorial School from 12:00 to 3:00 PM. There are no high dose flu vaccines available.

Ms. Walendziewicz asked if there will be any high dose available. Ms. Paulik stated that they have distributed all the high dose vaccines that they had. There is a 3 week delay in getting more. Dr. Weiner stated that on the FDA website, there is a list of where to find the high dose vaccine. Ms. Lumenello stated that it is also on our website.

MOTION: Ms. Walendziewicz moved to approve the Supervisory Nurse’s report. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)
**Director of Public Health**

Ms. Lumenello presented her report:

- They will have over 50 volunteers for the flu clinic and will have 4 lines open, so it should move quickly. The BVRC has over 165 volunteers in total.
- Ms. Paulik did training on administering pediatric vaccines to the volunteers so the lines can be commingled with pediatric and adult doses.
- There will be 1 police officer outside and 2 EMTs available for the flu clinic but no police officer in the dispensary room.

Dr. Weiner asked what the status is of the Board of Health car. Ms. Lumenello stated that it was ordered and will check with the DPW on the status. Ms. Lumenello added that even if we had the car, we would have still needed to rent a truck to move all the equipment for the flu clinic.

**MOTION:** Mr. McSweeney moved to approve the Director of Public Health’s report. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

Dr. Weiner reminded residents to wash their hands and to come to the flu clinic.

**Adjourn**

**MOTION:** Ms. Walendziewicz moved to approve to adjourn the Board of Health meeting at 8:20 PM. The motion was seconded by Ms. Welch and unanimously approved. (4-0-0)

Respectfully Submitted by Dawn Cathcart,
Recording Clerk
DOCUMENTS REVIEWED AT MEETING – TUESDAY, OCTOBER 22, 2019

Agenda

Minutes: July 23, 2019 and September 24, 2019

Chairman’s Report: None

Subcommittee Reports: None

Applications:

Application for Definitive Subdivision – 108 Muller Road – Application, Subcommittee Report 10/10/19, Memo from C. Mathis dated 10/17/19, Drainage Summary, Site Plan dated 10/7/19

Application for Site Plan Approval – 1 Wheeler Road – Application, Memo from C. Mathis dated 10/17/19, Site Plan w/renderings dated 08/28/19, Memo from SMG dated 9/11/19

Permits:

5 Harvard Road – Geothermal Well Permit – Application, Memo from C. Mathis dated 10/22/19, Memo from D. Costa dated 10/14/19, Plot Plan dated 8/12/19, Geothermal Heating and Cooling Technologies information dated 10/27/14, DEP Guidelines

Discussion:

Stormwater Management – 207 Cambridge Street – Memo from C. Mathis dated 10/17/19, 2 pictures, Drainage Summary, Proposed Site Plan dated 10/11/19

Staff Reports: Environmental Engineer’s Report; Associate Health Inspector’s Report; Supervisory Nurse’s Report; Director of Public Health’s Report