TOWN OF BURLINGTON, MA
BOARD OF HEALTH
MINUTES
Main Meeting Room, Town Hall

TUESDAY, May 22, 2018

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

Staff Members Present: Susan Lumenello, REHS/RS, CHMM, Director of Public Health; Christine Mathis, Environmental Engineer

Dr. Wayne Saltsman called the Board of Health meeting to order at 7:00 pm followed by the Pledge of Allegiance.

Open Meeting/Pledge of Allegiance

Citizen’s Time: None

Chairman’s Report: None

Permits

- **41 Burlington Mall Road, Lahey Hospital & Medical Center, rDNA Permit**
  Dr. Rieger-Christ, Chief Scientific Officer, Lahey Health, was present to represent the applicants. Dr. Saltsman recused himself. There are two rDNA laboratories at 41 Burlington Mall Road and one is run by Dr. Rieger-Christ. Copies of a presentation were provided to the Board. One laboratory will be used for Bio-Marker validation studies to help diagnose, provide prognosis or therapeutic services. The second laboratory will be working on tissue regeneration revolving around wound healing.

  **Motion:** Mr. McSweeney moved to approve the renewal of the rDNA permits for 41 Burlington Mall Road, Lahey Hospital & Medical Center, rDNA Permit Renewal. Seconded by Ms. Welch and approved (4-0-0).

Variances

- **Ray Avenue, Sewer Lines & Fats, Oils & Grease**
  Michael Murray, owner of Cafe Escadrille and Paul Denaro, Protein Matrix, were present. Jim Sacco, owner of 26 Ray Avenue and John Sanchez, DPW Superintendent were also present.

  Susan Lumenello stated that on March 31, 2018, the BOH received a complaint from the occupants of 26 Ray Ave that there was a backup of sewage into their business. The DPW responded to this complaint and cleared up the backup. Ms. Lumenello reached out to John Sanchez, DPW Superintendent regarding this issue and Mr. Sanchez
decided to perform a video survey of the sewer lines along Ray Avenue. On April 4, 2018 a video survey was completed. This survey was presented at the meeting. The survey revealed that a significant amount of grease was present in the sewer line, beginning at the manhole which is the outfall location for Cafe Escadrille and extending down Ray Avenue. On the day of the video survey, a blockage was discovered at the end of Ray Avenue and this blockage needed to be removed.

In 2016, the DPW jetted the sewer lines along Ray Avenue every 3 months. In 2017, the frequency was increased to every month. Due to this latest sewer blockage, the DPW increased the frequency of jetting the sewer lines along Ray Avenue to every two weeks. The DPW reported that there were sewer back ups at the business at 26 Ray Avenue on 11/5/15, 10/22/16, 3/2/18, 3/30/18, and 4/4/18. On May 7, 2018, Ms. Lumenello conducted the regular inspection of the sewer manholes. The inspection prior to the May 7 inspection was conducted in November, 2017. A regular cleaning of the grease interceptor and the sewer lines at Café Escadrille was conducted following the November, 2017 inspection. Ms. Lumenello noted that she saw grease during the manhole inspections in May, 2018 but did not see this in November, 2017.

On May 9, 2018, Dr. Weiner and Ms. Lumenello met with the scientists of Protein Matrix to review the video tapes presented today. During this meeting, the Protein Matrix Scientists suggested there could be an issue with the maintenance program. It was noted that the maintenance company did not recommend any dosing changes and, in addition, during inspections they were not able to inspect one area. They also suggested that it is possible that sewer lines are full of historic grease and the Protein Matrix solution is causing the grease to come off in chunks. Dr. Weiner stated that the two Protein Matrix scientists who were going to come up with a plan did not attend tonight’s meeting. He stated that he would like to hear about the scientist’s proposed solution.

Mr. Sacco, owner of 26 Ray Avenue stated the problem arose in 2008 and have been having problems 1-2 times per year. The DPW has been very responsive and would unblock the grease promptly. Each time this happened, he would immediately call the DPW and also have his own sewer lines cleared. He has noticed the problem has gotten worse in the last three months and is happening more often.

Mr. Murray stated that at the end of Ray Avenue there is a large tie in to another sewer line and work conducted last year may have had an impact on this line. He speculated that this is reducing the flow going down Ray Avenue. He stated that the video did not go through the area at the end of Ray Avenue and there could be other factors that are contributing to the problem.

Mr. Sanchez stated that, there has been an increase in the amount of times that DPW has had to clean the line. This has caused a significant cost to the Town. The service line coming out of the Cafe Escadrille is full of grease which could indicate a problem with the Protein Matrix product. Mr. Sanchez stated that, based on his experience, he does not believe that work conducted on the line could have created a blockage. There was nothing added to the sewer line in question and he believes that this line could not have had an effect on the lines in Ray Avenue. Dr. Weiner asked if 26 Ray Avenue could tie into another line. Mr. Sanchez stated that there are no other service lines.

Mr. Murray said they have two locations where Protein Matrix enters the system. There is no expiration date on the product.

Mr. Sanchez stated that the DPW is not willing to stop the bi-weekly cleaning at this time. He stated that this particular sewer line only services two restaurants. A back flow device could be installed at 26 Ray Avenue, however, it would need to be kept clean and maintained on a regular basis. In addition, if there is a blockage, the back up would occur on another property. Dr. Weiner stated that Protein Matrix was not adverse to coming up with a solution and video taping the line to see if the solution has worked.

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Paul Denaro stated that Protein Matrix would like to help to resolve the problem if it is being caused by the use of Protein Matrix. Protein Matrix does not have an answer to the issue today. Dr. Saltsman requested that Protein Matrix have an actionable plan by next week or the Board should consider revoking the variance. Within the next week, the Board will convene a Subcommittee for approval of the plan. Mr. Sanchez suggested that the plan include, at the least, deep cleaning of the service line coming out of Café Escadrille and the line along Ray Avenue and the line get video taped following this cleaning. The DPW will continue to do what is necessary to maintain the line.

- **Cosmic Dragon Puffs, 75 Middlesex Tpk. – grease interceptors**
  Mr. and Mrs. Sari were present on behalf of Cosmic Dragon Puffs.

Ms. Lumenello stated the applicant is looking to obtain a variance from the requirements of the installation of an internal and external grease interceptor. Cosmic Dragon Puffs will be located at a kiosk in the Burlington Mall. They will have a canister of liquid nitrogen that will coat the puffs. They will need to also register with the Board of Health under the Hazardous Materials Bylaw. The two recommended conditions are 1) no other food will be sold without approval and, 2) the BOH may revoke the variance. The FDA considers food made with liquid nitrogen as Generally Recognized as Safe (GRAS).

Waste water will be discarded at a location within the mall. The liquid nitrogen gets coated on the puffs. The liquid nitrogen will last at least 2 weeks and the process of transporting the gas will be managed by the vendor. The liquid nitrogen will remain in the kiosk and locked in a cabinet. In addition, employees will be educated on the handling of liquid nitrogen. Ms. Mathis stated that they will also need to have a hazardous safety plan in place. Two warning signs will be posted in view for customers.

**Motion:** Dr. Weiner moved to approve the variance for Cosmic Dragon Puffs, 75 Middlesex Turnpike with the two conditions. Seconded by Ms. Welch and approved (5-0-0).

**Staff Reports**
- **Environmental Engineer**
  Ms. Mathis provided a progress report on Northeastern University in regards to the structural integrity of the Nike missile bunker. Engineers working on the project recommended that vehicles should not drive over the bunker areas and items should not be stored on them until the study is completed. The structural integrity report will be available in 8 to 12 weeks and the results of water testing should be available shortly.
Motion: Ms. Walendziewicz moved to approve the Environmental Engineer report. Seconded by Mr. McSweeney and approved. (5-0-0)

- Director of Public Health
  The Health Fair surveys from the exhibitors and attendees were received and overall the results were positive. Results of the surveys included requests for more children’s activities, access to wi-fi for the vendors, and requests from vendors not to have to share tables. Ms. Lumenello stated that next year tables will be placed back to back.

  BOH will be getting a summer intern from Boston University to work on a data project. The psychological first aid training had approximately 18 participants and there was a survey taken and results will be available shortly. Ms. Lumenello is working on the MRC Work Plan which will include a first aid training.

  The BOH is still actively searching for a Public Health Nurse.

  Motion: Dr. Weiner moved to approve the Director of Public Health Report. Seconded by Mr. Walendziewicz and approved. (5-0-0)

Adjourn

Motion: Mr. McSweeney moved to adjourn at 8:40 pm. Seconded by Dr. Weiner and approved. (5-0-0)

Respectfully Submitted,

Manisha Parwani
Recording Clerk
TOWN OF BURLINGTON, MA
BOARD OF HEALTH
MINUTES
Main Meeting Room, Town Hall

TUESDAY, MAY 22 2018

DOCUMENTS REVIEWED AT MEETING – TUESDAY, May 22, 2018

Agenda
Permits
41 Burlington Mall Road, Lahey Hospital & Medical Center – rDNA Permit Renewal:  Permit Applications:  Presentation on 2018 Institutional Biosafety Report

Variances
Ray Avenue, Sewer Lines & Fats, Oils & Grease:  May 11, 2018 email from Patrick Antle to Susan Lumenello;  May 22, 2018 Report prepared by Susan Lumenello on Sanitary Sewer Inspection, Ray Avenue
Cosmic Dragon Puffs, 75 Middlesex Tpk. – grease interceptors:  May 22, 2018 Variance Request prepared by Marlene Johnson;  Variance Application; May 15, 2018 Letter to BOH from Guray Sari

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