



TOWN OF BURLINGTON, MA
BOARD OF HEALTH
SUBCOMMITTEE MEETING MINUTES
Onsite: Burlington Square Shopping Plaza,
111 Middlesex Turnpike and Remotely via Webex

TUESDAY, OCTOBER 18, 2022

Board Members Present: Ed Weiner, PhD, Chairman; David McSweeney, Vice Chairman;

Staff Members Present: Susan Lumenello, REHS/RS, CHMM, Director of Public Health

Others Present: John Sanchez, Superintendent of Public Works; John Keeley, Conservation Administrator; Tom Hayes, Town Engineer; Attorney Mark T. Vaughan, Reimer & Braunstein; Brian Dundon, Engineer, RJ O'Connell, Matt Heil, Sanborn Head; Mary Hollebeke, Brixmor

Dr. Ed Weiner called the Board of Health meeting to order at 1:30 pm.

Discussion

111 Middlesex Turnpike Site Walk

- Discussion was in regard to the situation of the flooding of the parking lot resulting in standing water.
- Mark Vaughan stated that his concern was that they need to determine a cause to address the situation before Brixmor comes up with a solution to something that is going to continue to be an issue. David McSweeney reiterated that it was important to understand the root cause, however, the end goal is to remediate the problem. The focus should be on fixing the problem.
- Matt Heil stated that, based on the groundwater level data that he reviewed, he believes that the water elevation in the basin is the same elevation as groundwater elevation. Matt Heil stated, in his opinion, the groundwater level is higher in this area because public wells #10 and #11 were turned off. that over the past 4-5 years the ramping down of the wells has allowed the ground water table, called the "cone of depression", to rise resulting in rising groundwater levels.
- John Sanchez stated the parking lot flooding was a problem prior to 5 years ago (before the wells were turned off). Matt Heil stated that the one time that it got fixed was when they cleaned the basin based on aerial photos. The basin was cleaned in 2010 then again in March of 2021. Matt Heil's opinion is that the lack of maintenance on the basin ended up complicating the issue.
- Matt provided 3 suggestions to fix the problem: 1) Turn wells #10 & #11 back on. 2) Bring the ground

and parking lot up by 3 feet 3) Put in some form of well curtain or de-watering system, however the problem with this is the capital and maintenance cost as well as obtaining a NPDES permit.

- John Sanchez stated that Matt Heil's data collection concentrated only on ground water levels.
- Matt Heil commented that he did not look at the process of grading to make the fix and, if that could happen, it may be a solution.
- It was agreed that Brixmor's Team would take another look at possible solutions and appear before the Board of Health on November 22, 2022. Dr. Weiner requested that they also come up with a plan for the winter and discuss at the November 22 meeting.

Adjourn 2:20pm