



Manhasset Bay Protection Committee

Minutes: October 29, 2015 Meeting, 7:30

Second Floor Conference Room, Town Hall

Attendees: Bob Keane (Port Washington North, Chair), Pasqua Dziadul (Sands Point), Brian Herrington (Flower Hill), Annie Mendelson (Great Neck), Erin Reilley (Town of North Hempstead rep), Kevin Braun (Town of North Hempstead), Sarah Deonarine (Executive Director), Dan Fucci (Nassau County), To-On Pang (Thomaston), Priscilla von Roeschlaub (Manorhaven), Ray Herbert (Plandome), Jennifer Wilson-Pines (representative from Legislator Delia DeRiggi Whitton's office), Buddy Vetrone (citizen), Annie Vetrone (citizen), Stephen Lloyd (TNC), Carl LoBue (TNC),

Note: Action items are in ***bold highlighted, underlined italics***. Motions are highlighted in blue.

Welcome & Introductions

Presentation by TNC on their project to assess the sources of Nitrogen on the North Shore of LI

- Carl LoBue gave an introduction, explaining that what we need to do to mitigate N-pollution is understand how much nitrogen is loading and where from. He then introduced Stephen Lloyd, who gave the presentation.
- The purpose of the modeling study was: 1) ID where nitrogen is coming from; 2) ID opportunities for nitrogen reduction on a subwatershed level. The focus was on Little Neck Bay, Manhasset Bay, and Hempstead Harbor.
- TNC used the open-source Nitrogen Loading Model (NLM). Inputs were estimated (and averaged across the watershed) for atmospheric deposition to the land (both wet and dry taken from local monitoring stations), fertilizer (based on land cover), wastewater; then how it interacts with each system as it moves through the subwatershed (soil, vadose zone, etc).
- The general assumption is that a lot of the water is landing on naturally vegetated surfaces. Other assumptions: if 200m from shore, the water doesn't go into aquifer, it goes directly to the bay; and the majority of water is assumed to go through groundwater system.
- Manhasset Bay specific information:
 - According to TNC's model, our largest Nitrogen sources are WWTP (49%) and cesspools/septics (35%). Across LI, the contribution from on-site systems has been fairly large (usually larger than that from WWTPs).
 - Size of pie charts relates to the size of the watershed load and MB has the largest load of the three.
 - The largest load is from the Great Neck WWTP (which was upgraded to tertiary treatment and made a big difference in the Nitrogen load, not captured here) and a lot of that is from residents outside our watershed.
 - It is important to note that TNC modeled land-based sources in the watershed and does not include what is coming in and out through the mouth of the Bay, particularly the CSOs from New York City. Additionally, these sources strictly account for residential inputs and do not account for businesses.

- Sarah Deonarine, Director • c/o Town of North Hempstead Parking District
 - 15 Vanderverter Ave. • Port Washington, New York 11050
 - Phone: 516-869-7983 • Fax: • Email: mbpcExec@gmail.com

Our efforts would not be possible without the assistance of the NYS Dept. of State, the NYS Dept. of Environmental Conservation, the Long Island Sound Study, and NY Sea Grant.

- **TNC will take in any more information, if anyone knows more details.** They will resend the presentation as we were the first to see the revised numbers after correcting data from Manorhaven (attached to these notes). TNC will also release a final report.
- The model is open-sourced, so TNC can use it to run scenarios (i.e., what if we sewer an area). TNC can also host a training session for people already into modeling.

Questions and discussion on the N-load model from TNC

- Based on these sources, what should we be doing? Carl LoBue answered that this is just one piece of information and there are a couple pieces we need. This is a snapshot under current land use (may be a good snapshot if land use hasn't changed much in 20y). We need to also understand the hydrodynamics.
- Estimates from on-site wastewater treatment systems (OWTS) is conservative (since there isn't an end of pipe number), the model didn't include business districts. If there are a lot of non-residential OWTS (such as in Manhasset), the number will be higher.
- TNC pushed the north shore up on their agenda, because there is a lot of talk about spending money to upgrade WWTP and OWTS, but in Nassau Co. all the focus is on Bay Park. TNC wanted to make sure the north shore wasn't forgotten.
- Any questions can go through Sarah Deonarine or Erin Reilley.

New Business:

Chair election: Robert (Bob) Keane of Port Washington North was the only nominee. He left the room while there was a very brief discussion. **Brian Herrington made the motion for Robert Keane to be the new chairman, Pasqua Dziadul seconded. The motion passed unanimously.**

Review and Adoption of the Minutes of May 13, 2015 and September 24, 2015. **Brian Herrington made a motion to approve the May minutes, Erin Reilley seconded. Brian Herrington made a motion to approve the September minutes, Dan Fucci seconded. All were in favor.**

Support for CESSPOOL project at a total of \$500 (retroactively): **Ray Herbert made a motion to approve a maximum of \$250 for the CESSPOOL project website and another maximum of \$250 for training (cesspool inspections for one project participant, as scout) for one year, contingent on the other Protection Committees matching our contributions. Brian Herrington seconded. The motion carried.**

Buddy Vetrone, 16, resident of Plandome and a Manhasset High School student, introduced himself. He reached out to the ED to volunteer or assist in any way. Some suggestions of how he could help were to install storm drain medallions and/or hand-out literature in Plandome. ***Sarah Deonarine will follow-up with Buddy Vetrone on volunteer opportunities.***

Inter-Municipal Agreement discussion:

- Discussion about the dues formulation:
 - Sarah Deonarine passed out copies of a letter from Kensington (attached) expressing their concerns that the dues formula was unfair.
 - When originally being drafted, it was too difficult to figure in every possible factor, eventually deciding that we all have a similar stake in the water quality of the bay.
 - Only one member is raising it as a concern and this structure has been around since the 1990s.
 - The Committee listened to Kensington's concerns, but will maintain the dues structure.
 - ***Sarah Deonarine will follow-up with a letter to Kensington expressing the Committee's stance.***

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- Further discussion followed the comments in the IMA as follows:
 - There were no objections to general grammatical corrections and removing “Inc.” from all instances at the beginning of the document and in the notarial pages.
 - Paragraph 5, “What if the dues are unacceptable to the Village after another Village pulls out, etc?” Discussion was that such a situation would be dealt with at that time and would not be covered by specific language in the IMA.
 - Paragraph 6, the Committee decided to leave the changes (i.e., addition of maximum levels for the Town and Villages).
 - Paragraph 8, the Committee decided to leave in the previously deleted text, “Dues shall be paid by each member municipality without the need for a separate [IMA].”
 - Paragraph 12, the Committee extended the written notice requirement for a withdrawing municipality to 60 days and agreed to delete the confusing end of that paragraph which starts, “the dues for the remaining members for the following calendar year...”
 - Paragraph 13, the Committee agreed with the text changes suggested by the Town stating that the Agreement may be extended in five year increments.
 - Paragraph 15, language had been added that each municipality shall be named as an insured on a General Liability Insurance, but, through discussion, it was realized that this may pose a significant problem for some vendors. **Brian Herrington made a motion to strike this additional language from the paragraph, Ray Herbert seconded. Dan Fucci abstained from the vote, and the motion carried.**
 - The Committee agreed to the addition of paragraph 20.
 - The Committee agreed to the addition of paragraph 21, but with the clarification that over half the members had to sign for the IMA to be approved.
- **Erin Reilley made a motion to approve the IMA as amended and discussed and to be circulated to the County for final approval before moving ahead with signatures. Brian Herrington seconded. Dan Fucci abstained. The motion carried.**
- Post meeting follow-up: Deonarine made the changes and sent to Nassau County on 10-30-2015.

Andy DeMartin, Director of the Harbor and Town Code, was introduced and gave his background. He offered to help the Committee in whatever we need. His Department currently provides office space and supplies for the Executive Director. The Town has money to improve Manorhaven Town Dock and they also have FEMA money coming in.

Old Business:

Vote to order more curb medallions

Brian Herrington made a motion to order 275 curb medallions at a cost of \$4.05 each and 26 glue tubes at a cost of \$10.89 each, not to exceed \$1,625 (estimated total with freight shipping (\$86) is \$1,482.89). Dan Fucci seconded and the motion carried.

Comments sent to Army Corps of Engineers Draft Dredged Material Management Plan for LIS and a joint letter with the other Protection Committees was sent to NYSDEC on proposed modifications to MS4 Permits. ***Deonarine will forward those around.***

Other updates:

On November 12th at 6pm at Town Hall, there is an exploratory meeting to discuss the possibility of shared procurement of Stormwater Program Management services for the State-mandated MS4 Program.

Large amounts of peanut bunker are in Manhasset Valley Park, resulting in another fish kill (post-meeting follow-up: also present in Baxter Estates). This is due to the fish becoming trapped as the tide recedes (and they’re trying to avoid predation) and losing oxygen.

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Brian Herrington made motion to adjourn at 9:26pm.

Next Meeting Dates: November 19, January 21

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