

Lebanon Township Environmental & Open Space Commission

Agenda

November 4th, 2019

CALL TO ORDER

In compliance with the "Open Public Meetings Act", notice has been given that the Lebanon Township Environmental and Open Space Commission conducts its regular business meetings on the first Monday of each month at 7:00 PM in the main meeting room of the municipal building. Notice of this meeting was published in the Hunterdon County Democrat and the monthly agendas are posted on the bulletin board of the municipal building.

AGENDA

Topic	Description
Kickoff, Roll Call & Connecting Moment	Call meeting to order and take roll call.
Presentation of Minutes	Review and approval of October Meeting Minutes. All commission members can approve except for Mr. Newman who was not present at the October meeting.
Special Event	Lebanon Township water quality management ideation session with partners from Raritan Headwaters Association (RHA), Musconetcong Watershed Association (MWA), NJ Water Supply Authority (NJWSA) and Highlands Council.
Old Business	<ul style="list-style-type: none">a) Lebanon Township Deer Management Program (Sub-Committee: Lawler, Chen, Duckworth)b) LT open space boundary signage (Duckworth)c) Miquin-Goracy Link (Hardy)
New Business	<ul style="list-style-type: none">a) Location for December meetingb) Green Acres matching grant approval (Attachment 1: Approval Letter)c) LT Stormwater ordinance update (Attachment 2: Proposed Scope of Work)d) Township seal vector graphic
Newsletter	Winter newsletter deadline is November 1 st . Articles on the docket include: <ul style="list-style-type: none">• 2019 EOSC Year in Review (Duckworth)• 2019 Well Testing Results Summary (Koch)• Spotted Lantern Fly/Tree of Heaven (Petzinger)
Correspondence	Acknowledge and share any formal correspondence received by EOSC chair or informal correspondence received by EOSC members. All correspondence when possible is scanned and stored digitally in a public access Google Drive folder at https://drive.google.com/open?id=0B14m3wFylheUWjBjNEkwalU4TGc <ul style="list-style-type: none">• Notification of NJDEP Land Use Regulation Permit Applications from Engineering & Land Planning Associates, Inc. on behalf of 17 Hickory Run Road (Block 38, Lot 7)

Lebanon Township Environmental & Open Space Commission

Minutes

November 4th, 2019

ROLL CALL

EOSC Member	Role	Attendance
Adam Duckworth	Chairman, Planning Board Liaison	X
Sharon Petzinger	Member	X
Warren Newman	Member	No
Erik Jan Henriksen	Member	X
Nancy Lawler	Member	No
Sharon Hardy	Member	X
Kathy Koch	Member	X
Marty Collett	Alternate 1	X
Mike Chen	Alternate 2	X

MEETING MINUTES

Topic	Description
Kickoff, Roll Call & Connecting Moment	<p>Call meeting to order and take roll call.</p> <p>Minutes: The meeting was called to order at 7:02 pm. In addition to the EOSC members noted above, Mayor Schmidt and members from four water quality partner organizations were in attendance, as well as a potential volunteer, David Nell.</p>
Presentation of Minutes	<p>Review and approval of October Meeting Minutes. All commission members can approve except for Mr. Newman who was not present at the October meeting.</p> <p>Minutes: Mr. Duckworth asked if there were any comments on the proposed October Meeting Minutes. There were none. A motion was made to approve the October Meeting Minutes by Mr. Henriksen, seconded by Mr. Collett and unanimously approved.</p>
Special Event	<p>Lebanon Township water quality management ideation session with partners from Raritan Headwaters Association (RHA), Musconetcong Watershed Association (MWA), NJ Water Supply Authority (NJWSA) and Highlands Council.</p> <p>Minutes: Mr. Duckworth acknowledged and welcomed the many representatives in the room from various water quality partner organizations. He reminded everyone about the background for the meeting, stating that the Township has an interest in being more proactive and data-driven when it comes to water quality monitoring and protection. Partners were invited to help set priorities for the Township and understand existing water quality data sources. There is the potential to use Highland Council grant money to organize all existing water quality data sources and create a municipal dashboard. Ms. Lawler stated that the Township has done a lot of preservation and is interested in what other things can be done, such as ordinances; the Township wants to be data driven. Mr. Duckworth asked all the guests to introduce themselves. The following list shows most participants.</p> <p>NJWSA</p> <ul style="list-style-type: none"> Julie Shelley Property & Permit Administrator jshelley@njwsa.org Kathleen Hale, Principal Watershed Protection Specialist khale@raritanbasin.org <p>Musconetcong Watershed Association (MWA)</p> <ul style="list-style-type: none"> Nancy Lawler Water Quality Program Coordinator

Topic	Description
	<p>Raritan Headwaters Association (RHA)</p> <ul style="list-style-type: none"> • Mara Tippet Watershed Scientist mtippet@raritanheadwaters.org • Shealynn O'Toole AmeriCorps NJ Watershed Ambassador americorps@raritanheadwaters.org • Maria Berezin, Watershed Scientist, Surface Water mberezin@raritanheadwaters.org <p>Highlands Council</p> <ul style="list-style-type: none"> • Keri Green Science Manager Keri.Green@highlands.nj.gov • Judy Thornton Lebanon Township Liaison judy.thornton@highlands.nj.gov <p>There was robust discussion with some of the following highlights.</p> <p>Ms. Hale stated that the DEP just released the 2016 integrated list of priority sub-watersheds; there are 8 priority sub-watersheds in the Raritan portion of our Township. She said that generally our water quality is very good, including results for phosphorous, nitrates and sediments, but there were instances of non-attaining values for temperature and E. coli. Ms. Lawler said the situation in the Musconetcong is very similar in that temperature and bacteria are two of the biggest problems. The sources for bacteria are typically human and deer and are not typically from agriculture.</p> <p>Ms. Tippet said that septic ordinances, land preservation and public outreach are some important things that can be done to address these problems. In addition, pharmaceutical drop boxes and discounted septic pumping are options. Ms. Koch said that she thinks about stream buffers when she sees issues with E. coli and temperature. Mr. Duckworth noted that it would be interested to see if stormwater runoff correlated with the non-attaining sub-watersheds. Ms. Lawler said it would be great if we could have a map of all the sub-watersheds. Ms. Green responded that that is exactly the type of thing a Highlands Grant could fund – map-making and data collection. Ms. Tippet suggested looking at the Highlands Build-Out Plan.</p> <p>Ms. Shelley said she would provide the list of the best remaining open space parcels to be preserved that NJWSA had created when they were preserving property. Ms. Lawler said that MWA has a similar list.</p> <p>Ms. Tippet then reviewed the 2019 well-testing results for the Township.</p> <p>Ms. Koch shared her regrets as she left the meeting at 8:15 pm; she was to be volunteering at the election polls the following morning. Mr. Duckworth thanked everyone for attending and asked if the partner organizations present would provide input to a Highlands Grant application should the Township pursue one. There was unanimous support for that.</p>
Old Business	<ul style="list-style-type: none"> d) Lebanon Township Deer Management Program (Sub-Committee: Lawler, Chen, Duckworth) e) LT open space boundary signage (Duckworth) f) Miquin-Goracy Link (Hardy) <p>Minutes: Mr. Duckworth stated that since the water quality discussion took a while, he would just touch on some of the critical items from the remainder of the agenda. He stated that he should be receiving a proof of the open space boundary sign design from Voss Signs by tomorrow. He asked Mayor Schmidt about the timing for the 2019-2020 deer management resolution. Mayor Schmidt stated that there were two opportunities to review the resolution and those would be at the Township Committee Meetings on December 4th and 18th. He stated that the resolution could be introduced and approved at the same meeting and the permit application should be approved along with the resolution; he believed that was the way Tewksbury did it. Mr. Duckworth said he would go back and look at the Tewksbury resolution and see.</p>
New Business	<ul style="list-style-type: none"> e) Location for December meeting f) Green Acres matching grant approval (Attachment 1: Approval Letter) g) LT Stormwater ordinance update (Attachment 2: Proposed Scope of Work)

Topic	Description
	<p>h) Township seal vector graphic</p> <p>Minutes: None of the topics in new business were discussed due to the late hour.</p>
Newsletter	<p>Winter newsletter deadline is November 1st. Articles on the docket include:</p> <ul style="list-style-type: none"> • 2019 EOSC Year in Review (Duckworth) • 2019 Well Testing Results Summary (Koch) • Spotted Lantern Fly/Tree of Heaven (Petzinger) <p>Minutes: Newsletter articles were not discussed.</p>
Correspondence	<p>Acknowledge and share any formal correspondence received by EOSC chair or informal correspondence received by EOSC members. All correspondence when possible is scanned and stored digitally in a public access Google Drive folder at https://drive.google.com/open?id=0B14m3wFylheUWjBjNEkwalU4TGc</p> <ul style="list-style-type: none"> • Notification of NJDEP Land Use Regulation Permit Applications from Engineering & Land Planning Associates, Inc. on behalf of 17 Hickory Run Road (Block 38, Lot 7) <p>Minutes: Mr. Duckworth stated that he received the correspondence mentioned above and provided the paper copy to Ms. Petzinger so she could review it and advise if there were any concerns. Ms. Petzinger stated she would review it.</p> <p>Mr. Duckworth said that Ms. Shelley from NJWSA approached him while the crowd was dispersing after the water quality discussion. Ms. Shelley provided the results of the ash tree analysis done on the jointly-owned open space. Only eleven trees were identified in Lebanon Township – nine trees on Schaaf and two trees on Nicholson.</p> <p>Ms. Shelley had said that NJWSA plans to combine all tree removal work into a single SOW and then ask each municipality to contribute half the cost for the portion that is in their municipality. Mayor Schmidt asked if the Township will be named as one of the insured. Mr. Duckworth said he would follow up with Julie.</p> <p>Mr. Duckworth then proceeded to ask each EOSC member if there were any other topics they would like to raise. Ms. Hardy said that she ran into Mr. Nicholson and that he stated he was interested in preserving some more of his property. This is presumed to be the same Nicholson who was the previous landowner of the two “Nicholson” open space. Mr. Duckworth did a tax lookup to determine which parcels were currently under Mr. Nicholson’s name within the Township and discovered two. The team referenced the tax map but it did not seem that either of the two parcels were obvious preservation opportunities. Additional follow-up with Mr. Nicholson would be required to get more information.</p> <p>Ms. Lawler asked about the flags in front of Bunnvale library where there is a stormwater management problem. Mayor Schmidt stated that the Township has applied for General Permit 6 from the DEP, which will establish that the area is not wetlands. Once this is established then the town can do something about it directly.</p>



State of New Jersey

Department of Environmental Protection
P.O. Box 420
Trenton, New Jersey 08625

PHILIP D. MURPHY
Governor

CATHERINE R. McCABE
Commissioner

SHEILA Y. OLIVER
Lt. Governor

October 23, 2019

Honorable Mike Schmidt
Mayor, Lebanon Township
530 West Hill Road
Glen Gardner, New Jersey 08826

RE: Green Acres Project Number 1019-17-054
Lebanon Township Preservation Priorities
Lebanon Township, Hunterdon County

Dear Mayor Schmidt:

I am pleased to inform you that the Department of Environmental Protection and the Garden State Preservation Trust have approved Lebanon Township's application for a Green Acres matching grant of \$350,000.00. This funding is contingent upon the passage of a legislative appropriation.

Preserving open space and improving and expanding local parks are critical components of New Jersey's efforts to combat sprawl. This project represents a significant step toward achieving our goal of protecting New Jersey's most important recreation and conservation lands and our quality of life. Green Acres staff will contact you directly and provide further information to guide you through this project.

We look forward to working with Lebanon Township toward the successful completion of this important project.

Sincerely,

A handwritten signature in blue ink that reads "Catherine R. McCabe".

Catherine R. McCabe
Commissioner

Highlands Plan Conformance Grant Program Lebanon Township Scope of Work

This scope of work (SOW) overview document supports the Plan Conformance resource management implementation plan and the required Highlands Regional Master Plan (RMP) updates to the existing New Jersey Stormwater Management Rules at N.J.A.C. 7:8 (Stormwater Rules) for Lebanon Township, Hunterdon County, NJ. The Lebanon Township SOW tasks identify the required update components as was indicated in its municipal Plan Conformance Petition and associated Highlands Implementation Plan and Schedule approved by the Highlands Council.

The Highlands Council has authorized grant funding for Lebanon Township's Plan Conformance for GIS mapping of stormwater structure locations and conditions assessment, amendments to the existing Stormwater Control Ordinance, evaluating and updating municipal Stormwater Management and Mitigation Plans in accordance with the Stormwater Rules to reflect the RMP resource protection standards, and training.

This document discusses each component of the overall program..

Component I – GIS mapping of Stormwater Structure Locations and Conditions Assessment

Task 1. Lebanon Township will conduct an assessment of existing stormwater structure locations and submit digital GIS data for each structure in the municipality in accordance with the Stormwater Rules. The Lebanon Township Engineer and the Public Works director will be responsible for handling this task; Public works employees will locate and assess the stormwater structures under the direct supervision of the Director of Public Works. Initially, outfall structures will be located and assessed. Each outfall structure will be named using an abbreviation for the outfall's receiving stream and an ascending number for each structure moving from where the stream flows out of the township to the uppermost point where the stream originates within the township or where the stream flows into the township.

Lebanon Township plans to utilize the New Jersey Department of Environmental Protection's (NJDEP) Arc GIS Online Mapping Tool (Tool). The use of this tool requires an ArcGIS Online license and a mobile device such as a cell phone or tablet. The NJDEP is making a number of ArcGIS Online licenses available, at no cost, to permittees who request it. Lebanon Township has requested a license from NJDEP

Component II – Adoption of Highlands Area Stormwater Control Ordinance Amendments

Task 1. Lebanon Township will review its existing Stormwater Control Ordinance to incorporate Highlands RMP stormwater control requirements; as referenced in Appendix D of the Highlands Region Stormwater Management Program Guidance for required revisions to the NJ Model Stormwater Control Ordinance for Municipalities as presented in Appendix D of the NJ Stormwater Best Management Practices Manual dated April 2004.

Task 2. Revise Lebanon Township's Stormwater Control Ordinance to reflect Highlands RMP updates. Submit draft revised document to Highlands Council for review.

Task 3. Revise document based on comments received from Highlands Council. Finalize document and receive Highlands Council approval prior to local adoption. Provide electronic copy of adopted document to Highlands Council.

Component III – Develop or Review and Update of Stormwater Mitigation Plan

- Task 1. Review the guidance document for the preparation of a Highlands RMP Stormwater Mitigation Plan provided by the Highlands Council in Appendix E of the Highlands Region Stormwater Management Program Guidance for a detailed outline of mitigation components and required sections. The Highlands guidance was prepared based on the requirements of N.J.A.C. 7:8 et al. Lebanon Township will select a **minimum** of two sites for mitigation priority projects and develop concept mitigation plans for the sites as part of the municipal Stormwater Mitigation Plan. A developer may provide funding or partial funding to Lebanon Township for the cost to implement the mitigation in accordance with the Stormwater Rules.
- Task 2. Ensure that the Lebanon Township Stormwater Mitigation Plan reflects Highlands RMP component details. Submit draft document to Highlands Council for review.
- Task 3. Revise document based on comments received from Highlands Council. Finalize document and receive Highlands Council approval prior to local adoption. Provide electronic copy of adopted document to Highlands Council.

Component IV – Stormwater Management Training

- Task 1. Funding is available through the Plan Conformance process for Lebanon Township officials and/or designees to attend either Highlands-sponsored Stormwater Management training programs or other stormwater training programs. Please note that **prior approval from the Highlands Council is required** for attendance at non-Highlands stormwater training events and all funding is reimbursement-based.