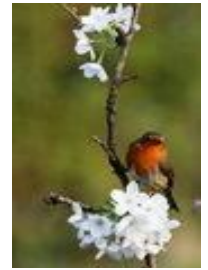


Hanover Conservation Commission
550 Hanover St., Hanover MA 2nd Floor Meeting Room
MINUTES for JUNE 30, 2021
Approved 7/28/21



6:05 PM Vice Chair Satterwhite stepped in as Chairman and welcomed all present.

A Roll Call of Members present resulted in the following:

Present in person: Vice Chair Satterwhite, Hearing Officer Robert Sennett,
Members James Vaille and Mahendra Patel

Present via Zoom: Associate Member Steve Louko

Not present: Chairman Brian McLoone

Staff present: Conservation Agent Sandra MacFarlane

Host for remote session: Stephen Ryerson, Dir. of Communications

Others present in person: Candidate Associate Member David Sawin

I. GENERAL ANNOUNCEMENTS: Vice Chair Satterwhite made the following announcements:

1. The Commission wishes to thank Associate Member Steve Louko for his service to the Conservation Commission and to extend Congratulations on becoming a Member of the Select Board.
2. Notice from Town Manager- Mr. David Sawin has been appointed to the Conservation Commission as an Associate Member as of July 1, 2021.
3. Request for Conservation Representative to the Community Preservation Committee
4. Request for Conservation Representative to the Master Plan Implementation Committee
5. June 15, 2021, in-house meetings resumed at Town Hall.
6. June 16, 2021, Governor Baker signed into law *An Act Extending Certain COVID-19 Measures Adopted During the State of Emergency*. This Act includes an extension, until April 1, 2022, of the remote meeting provisions of his March 12, 2020, *Executive Order Suspending Certain Provisions of the Open Meeting Law*.
7. Next Meetings: July 28, 2021 and August 25, 2021 (times to be announced) – The Commission set the date and time via the following:

VOTE: Upon a motion and second made by Members Sennett and Vaille it was voted 4-0-0 to set the date/time of next 2 meetings as listed at 6:00 PM.
8. Future Conservation Meetings: full remote vs. hybrid- Held for full board vote.

6:15 PM

II. PUBLIC HEARINGS:

1. COOC-21-2, SE 31-1229, 45 Broadway, Nathan's Hill Estates- NOI- *continued from 5/26/21 meeting- for detention basin in bz to BVW associated with 6-lot subdivision +100 ft. from BVW*
PRESENT: Jeffrey Hassett, PE, Morse Engineering Co., Inc., Applicant's Representative
DISCUSSION: Mr. Hassett presented a plan dated 5/26/21 for the installation of a detention basin with erosion control materials located at 35 ft. from an on-site bordering vegetated wetland. All work is in association with work located +100 ft. from the BVW, including the construction of a six-lot subdivision roadway and installation of related infrastructure. The Agent pointed out that to avoid confusion in the future, all lots were to have conservation setback markers installed at the 35 ft. BVW setback under this Order and prior to release of the lots. She also noted the standard requirement of drywell for roof run for all structures that require a building permit. A brief discussion rose concerning the responsibility for the detention basin maintenance and repair. It was stated that the Homeowners Association will be responsible for following the Operation and Maintenance Plans.
VOTE: Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to closer the hearing and issue an Order of Conditions.

2. COOC-21-3, SE 31-1230, 85 Grove St.- NOI- *for septic upgrade in bz to BVW and RFA*
PRESENT: Darren Grady, PE, Grady Consulting, LLC, Applicant's Representative
DISCUSSION: Mr. Grady presented a plan dated 5/27/21 showing a septic upgrade with erosion control materials and limit of work located at the 35 ft. setback to the wetland, within inner riparian to Torrey Brook due to the constraints of the site. He pointed out locations of proposed setback markers and noted that the new system would improve riverfront area conditions.
VOTE: Upon a motion and second made by Members Sennett and Patel, it was voted 4-0-0 to close the hearing and issue a standard Order of Conditions.
3. COOC-21-5, SE 31-1231, 156 West Ave.- NOI- *for septic upgrade in bz to BVW and bz to intermittent stream*
PRESENT: Scott Fanara, PE, Grady Consulting, LLC, Applicant's Representative.
DISCUSSION: Mr. Fanara presented a plan dated 6/4/21 detailing a septic upgrade with erosion control materials and limit of work located at 35 ft. from a northern BVW and 50 ft. from the West Ave. BVW. He pointed out that due to the constraints of the site an historic inground swimming pool, patio, fence and shed are located within the 25 ft. no-disturbance setback.
VOTE: Upon a motion and second made by Members Sennett and Patel, it was voted 4-0-0 to close the hearing and issue an Order of Conditions with special conditions regard limitation on shed contents, and required 35 ft. distance from wetland for any new shed.
4. COOC-21-4, SE 31-1232, 342 Circuit St.- NOI- *for raised solar array in bz to BVW*
PRESENT: Nathan Collins, PE, CLC Design, Applicant's Representative, Daniel Serber, Applicant.
DISCUSSION: Mr. Collins presented a plan dated 4/15/21 showing the installation of three solar canopies, five new utility poles and three new concrete equipment pads with utility enclosures. He pointed out that all canopy footings are located outside of the 35 ft. setback to wetlands. Also, that work to install the roof solar arrays would not impact the wetlands adjacent to those buildings. Regarding the canopies, he noted that there would be no change to stormwater flow or direction, as the panels are fitted into a track system, that even though the canopy hangs over the 35 ft. setback to the BVW, it will not impact the buffer zone or wetland plants, as the canopies do not hang over the resource area. In response to concerns for chemical contamination, Mr. Collins explained that the panels consisted of sand and silicon, so there would be no such leaks.
VOTE: Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to close the hearing and issue a standard Order of Conditions.
5. CDOA-21-5, 0 King St. rear, Fireworks Site- RDA- *for geotechnical borings in Factory Pond*
PRESENT: Ron Marnicio, PhD and Peter Dillon, Tetra Tech, Inc. Applicant's Representative.
DISCUSSION: Mr. Marnicio explained that as a precursor to work within Factory Pond to remove mercury contamination, the installation of five geotechnical borings into sediment and bedrock beneath the pond was necessary and that it would be conducted via boat access. Further that this geotechnical investigation would be conducted in the High Metal Density Area (HMDA) of the pond. He added that the metallic debris and contamination in the area like resulted from historic test firing conducted from the mid-1940's to the late- 1960's, as well as disposal of munitions and other materials associated with the Former national Fireworks Facility. Mr. Dillon added that under an Immediate Response Action (IRA) to eliminate or control the potential explosion and fire hazards associated with the munitions of explosive concern (MEC's), work has been concentrated on inland areas. The IRA is now being extended into this portion of Factory Pond (the HMDA) which exhibits a high concentration of metallic items.
Mr. Marnicio added that the borings will allow proper designing for sheet piling installation and anchoring for the next phases of the project. Also that sediment samples will also be analyzed. The Preliminary Boring Locations Map was reviewed with minor discussion.
VOTE: Upon a motion and second made by Member Sennett and Vaille, it was voted 4-0-0 to issue a Negative #2 Determination of Applicability.

6. BL 18-69, SE 31-1182, 0 King St. rear, Fireworks Site- AOOC- *for add'l work in wetlands*
PRESENT: Ronald Marnicio, PhD, and Peter Dillon, Tetra Tech, Inc. Applicant's Representatives
DISCUSSION: Mr. Dillon explained that within the Order of Conditions SE 31-1182/BL 18-69, work was approved by the Conservation Commission and by MA DEP under IRA for the removal of munitions and explosives of concern (MEC's), material potentially presenting an explosive hazard (MPPEH) or other materials and soils presenting a threat to public health or the environment from the wetland resource areas identified as Wetland B and D. Further that the amendment would allow for the use of mechanical rather than manual means to remove vegetation, MEC, MPPEH, and mercury-contaminated soils from Wetland D, also known as the Marsh Upland Area (MUA) Sediment Area. Mr. Marnicio noted that although there are no plans to remove said materials from Wetland B (which has a high potential of the same contamination), it would be prudent to approve such work with the amendment. The Agent agreed and added that with the project running into a great deal of unexpected unexpended munitions and other items, it is expedient and makes sense to include exploration, removal, and restoration of both wetlands.
Mr. Dillon noted that work within Wetland D was included in IRA Plan Modification 4 and has been approved by MA DEP in the IRA Work Plan MUASA. He also confirmed that these wetlands are Isolated Land Subject to Flooding (ILSF) and not directly connected to Factory Pond. In addition, observation forms are being submitted to NHESP, as spotted salamander and wood frog eggs were found in both. The Agent noted Time-of-Year restrictions due to wildlife and associated habitats. Mr. Dillon agreed with such and noted that for this and other reasons, the project will be delayed until September this year. A brief discussion ensued regarding sediment drying, which will be done on pads. Mr. Dillon also gave a more detailed explanation of the mercury extraction, noting that the characteristics of the mercury require mechanical means for separation from the sediment and removal from the pond. Also that after further study of this type of contamination, it was found that the manual method was not safe for personnel, that the requested mechanical method was more effective and safer.
The Agent explained that for an Amended Order, only those portions of the document that are effected by the new activities, (i.e., project description, revised removal methods), additional document listings, additional plans, and area references, would be changed; that all other information on SE 31-1182 would remain the same, including the expiration date.
VOTE: Upon a motion and second made by Members Sennett and Patel, it was voted 4-0-0 to approve the requested amended activities and issue an Amended Order of Conditions.
7. BL 20-64, SE 31-1215, 110 Industrial Way- NOI- *continued from 5/26/21 meeting- for redevelopment project in RFA to Drinkwater River for establishment of professional landscaping company- See applicant's request for continuance to August 25, 2021 meeting at 6:15 pm*
PRESENT: none
VOTE: Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to continue the hearing to August 25, 2021 at 6:15 PM as per the Applicant's request.

7:15 PM

8. COOC-21-6, SE 31-____¹, 96 Webster St.- NOI- *for demo and new structure w/ associated work in RFA*
PRESENT: Jeffrey Hassett, PE, Morse Engineering Co., Applicant's Representative and Applicant Paul Gallagher
DISCUSSION: Mr. Hassett presented a plan dated 6/22/21 for a redevelopment project on a damaged 16,090 sf commercial site. He noted that work includes the demolition of a retail building and shed, damaged parking lot, and removal of a large amount of debris on this commercial site. The project also includes stormwater management improvements, installation of new Title V rated septic disposal system, rain garden, landscaping, new parking area, and the construction of a new office building. He pointed out that this non-conforming lot was entirely within riverfront area to an unnamed tributary flowing under Route 53 to Jacob's Pond in Norwell. The Agent added that the former owner was issued an Enforcement Order that remained open due to unforeseen circumstances and the owner's passing. She added that those items listed in the EO will now be

¹ MA DEP File number not issued as per posting of this agenda

resolved and mitigated by Mr. Gallagher. Also that after 2 successful growing seasons for the riverfront area and bank restoration, buffer restoration and wetland enhancements, the EO will be fulfilled and closed. She recommended a condition to allow for work within the stream to remove a large storm-felled tree trunk and broken branches, to return the stream to a more natural flow. Also that riverfront restoration include removal of contaminated soils to a depth of 6" – 12" x 10 ft. wide along the top of bank due to the long time disposal of unfiltered sewage into the stream. Mr. Hassett explained that under the EO, Mr. Gallagher has already completed a great amount of cleanup on the site, which was confirmed by the Agent.

VOTE: Upon a motion and second made by Members Sennett and Vaille it was voted 4-0-0 to close the hearing and issue an Order of Conditions with special conditions as discussed.

III. ACTION ITEMS:

1. Certificate of Compliance- SE 31-1121, BL 16-06, 85 Grove St.- *work never commenced*

Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to issue a Certificate of Compliance.

2. Extension Permit- SE 31-1182, BL 18-69, 0 King St. rear, Fireworks Site- *request for 3- years*

Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to issue a 3-yr. Extension permit.

IV. ADMINISTRATIVE:

1. Minutes- 5/26/21

Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to approve the minutes.

2. Agent's Report - Reviewed with general comments.

- a. Fireworks Site- A request to amend SE 31-1182 for work within Wetland D, including removal of soils and restoration was received for the 6/30/21 meeting, as well as an RDA for geotechnical borings within Factory Pond, and an Extension Request for SE 31-1182. Work is scheduled for late July or August 2021 for the geotechnical borings. As a result of several meetings with the Agent and Project Manager, and to avoid delays with the project, some of the work within Factory Pond will now take place with UXO divers, which eliminates the necessity to lower the water level. Work on the bank remains as permitted under the 2 existing Orders of Conditions. A Scope of work for the Marsh Upland Area (MUA) has been received, we await further applications for this work.
- b. Hanover Crossing- A meeting was held on site to introduce the new Norwell Agent to the project. Kelly Engineering, Mall Mgt., Prep, Hanover Co., Hanover and Norwell Agents, and other interested parties were present. Topics of discussion and site areas reviewed included the newly breached Peterson Pond dam and 3rd Herring Brook, the upcoming demolition of the existing wastewater treatment plant, the NGRID bridge project, construction of the infrastructure for the residential portion of the site, Mill Lane widening project by DPW, and the wetland replication area located adjacent to Hanover Mall Rd. and Mill Lane. A June 30, 2021 pre-construction meeting was held at the Town Hall with Hanover Co., Inc. personnel, the Planner, Conservation Agent, and Building Commissioner for the residential portion of project. A request to amend the Order is pending to add an addendum with new owner information for the residential portion and related information, which will be reviewed at the July 28, 2021 Conservation meeting.
- c. Peterson Pond Dam- A Final Report was received for Peterson Pond Dam from GZA, Inc. dated June 2021. Recent site inspections found the channel flowing freely, marsh and associated riverfront area vegetation growing in as expected and no issues from the breaching of the dam. A portion of the historic mill foundation on the Norwell side, that was the cause of a revision to the plan, is now visible.
- d. Natural Resource Damages Grants (NRD)- A meeting was held on 6/24/21 with the Conservation Agent, NSRWA Executive Director, and Hanover Community Development and MI Director to discuss a cooperative effort for mutual support and applications for these beneficial grants. The proposed project will involve aquatic habitat and fisheries restoration within the Indian Head River.
- e. Cumberland Farms- A request for Certificate of Compliance is pending for this project.
- f. Linden Ln. dumping issue- The boulders have eliminated truckloads of yard waste onto this Conservation Parcel and hopefully the signage will be a deterrent to those who are using wheelbarrows.

- g. General complaints- Site inspections conducted this month for additional complaint review did not warrant enforcement orders.
- h. The following Minor Activities and Event Permits were issued: Reviewed without comment.
 - CDMA-21-5- DOA for Minor Activities- *for septic upgrade +70' ft. from BVW at 195 Dillingham Way*
 - CEVP-21-1- Event Permit- *for Great River Race- 8/7/21- with ceremony at Luddams Ford Park*
 - CEVP-21-2- Event Permit- *for Cub Scout Pack 37 Fishing Derby- 8/7/2- at Luddams Ford Park*
 - CEXT-21-1- Extension Permit- DOA-MA, BL 18-56- *for Columbia Gas work w/i Hanover + Circuit St.'s*
 - CHPD-21-2 thru 8- Scheduled Events- *for April, May and June training events at Clarke Bog Firing Range*
 - CMA-21-8- Minor Acts Permit- *for North River Project by Northeastern Un. student on microbial communities*
 - CSI-21-13- Site Inspection- *(not related to an application or permit)- for complaint on Broadway*
 - CSI-21-14- Site Inspection- *(not related to an application or permit)- for complaint on Frank's Ln.*
 - CHPD-21-9- Scheduled Event- *for July training events at Clark Bog Firing Range*

3. Other - *Those items not reasonably anticipated by the Chair within 48 hours of the meeting-* None

7:55 PM

Upon a motion and second made by Members Sennett and Vaille, it was voted 4-0-0 to adjourn the meeting.

Minutes Respectfully submitted by
Sandra MacFarlane, Conservation Agent, CDMI

Documents provided for the meeting:

- 6/30/21 Agenda
- NOI application packet for 45 Broadway
- NOI application packet for 85 Grove St.
- NOI application packet for 156 West Ave.
- NOI application packet for 342 Circuit St.
- RDA application packet for 0 King St., FWS
- AOOC Request packet for 0 King St., FWS
- NOI application packet for 110 Industrial Way
- NOI application packet for 96 Webster St.
- COC Request packet for 85 Grove St.
- 5/26/21 draft Minutes
- 6/30/21 Agent's Report
- Minor Activities and Event Permits issued as listed in IV.2.h.
- General correspondence and mail