



## TOWN OF ARLINGTON

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### ARLINGTON CONSERVATION COMMISSION

Arlington Conservation Commission

Minutes

December 20, 2018

Mr. Stevens called the meeting to order at 7:33 p.m. in the second floor conference room of the Town Hall Annex. Present were Commission Members Nathaniel Stevens, David White, Charles Tirone, Curt Connors, and Pam Heidell; and Conservation Agent Emily Sullivan. Not present were Commissioners Susan Chapnick and Mike Nonni, and Associate Commissioner Cathy Garnett. Also present were Recreation Director Jon Marshall, Assistant Recreation Director Stacey Mulroy, Mark Mariano, P.E. of Weston & Sampson, as well as other members of the public who did not sign in.

#### **Administrative**

##### 11/15/2018 Meeting Minutes

The Commission discussed edits to the draft minutes. C. Connors motioned to approve the minutes as edited, C. Tirone seconded, all were in favor, motion approved.

##### 12/06/2018 Meeting Minutes

The Commission discussed edits to the draft minutes. D. White motioned to approve the minutes as edited, P. Heidell seconded, all were in favor, motion approved.

##### Floodplain and Inland Wetlands Zoning Revision

Documents Reviewed: draft revisions to Sections 11.04 and 11.05 of the Zoning Bylaws  
The Commission briefly discussed the draft revisions made by L. Shepherd and N. Stevens a year ago to the Floodplain and Inland Wetlands section of the Town's Zoning Bylaw. E. Sullivan will send the Commission electronic drafts of the sections so Commissioners can suggest further edits to the sections. The Town Meeting Warrants for changes will be filed Warrant on 1/25/209 for the Spring 2019 Town Meeting.

##### 2018 Annual Report

E. Sullivan informed the Commission that the Conservation Commission Annual Report is due 1/07/2019. E. Sullivan will circulate an electronic copy of the draft report to the Commission for revisions and additions before the 1/03/2018 meeting.

### Waterbodies Working Group Meeting

D. White and E. Sullivan summarized the Waterbodies Working Group meeting that was held on 12/19/2018. Steve Ricci and Brad Barber were present at the meeting, representing the Spy Pond Committee. E. Sullivan will work with the Spy Pond Committee to draft up request for proposals for a 1-year long treatment and management contract for Spy Pond, as well as a request for proposals for a comprehensive study of Spy Pond's aquatic vegetation and invasives. E. Sullivan will work with the Department of Public Works to transfer all existing contracts to the Commission's oversight.

### Wellington Park Project

E. Sullivan updated the Commission that the full construction package will be ready to go out to bid in early-mid January.

### Spy Pond Project

E. Sullivan updated the Commission that the full construction package is complete and will be placed out to bid in early January.

### **Notice of Intent: Arlington Reservoir Bathing Beach, Mark Mariano**

*Documents Reviewed: NOI Package, dated 12/05/2018; NOI Plan Packet, dated 11/20/2018*

*Resource Area: Arlington Reservoir, 100 Ft Adjacent Upland Wetland Resource Area (AURA) under the Arlington Wetland regulations, Land Under Water*

M. Mariano, from Weston and Sampson, presented the bathing beach improvement project at the Arlington Reservoir. The bathing beach project is part of the Arlington Reservoir Master Plan, and this beach work along with a path pilot project in Lexington constitutes Phase 1 of the Master Plan work.

Weston and Sampson filed an NOI with Lexington's Conservation Commission for the work under the Lexington Commission's jurisdiction. The Arlington Recreation Department expects Lexington to issue an Order of Conditions on 1/07/2019.

The bathing beach project focuses primarily on updating the pump house and water filtration infrastructure, which is close to failure. The project includes the installation of a sand filter system, liquid chlorine pump, and UV filtration system in the pump house. The project also includes installing new pipes under the beach area. These enhancements will improve the beach's water quality and distribution, reducing dead zones.

The liquid chlorine solution pump system, which is currently used, will be updated. Ultimately, less chlorine will be used to clean the water since the water will be primarily cleaned by the UV filtration system. Once chlorine enters the bathing beach areas, it is rendered inert as it hits dirt, sand, or soil and will not contaminate the resource area. Reservoir and Recreation staff is forced to add municipal water to the beach during peak summertime use when water is low. This proposed work will reduce the amount of municipal water used to fill the beach as needed.

The new system will repurpose reservoir water and transfer it to the bathing beach. Such water transfers will not perceptibly lower the reservoir's water level due to the hydrostatic balance properties of the area.

C. Tirone asked whether or not dewatering was required for the work, and if so where it would occur. It was confirmed that dewatering would be within the limit of work.

P. Heidell requested more clarity around the amount of land disturbed in the proposed work.

C. Connors inquired about the location of material storage. The Commission suggested that materials be stored within the reservoir's parking lot.

C. Tirone suggested adding a limit of work for the storage area to the NOI.

J. Marshall explained that the project's goal is to have this Phase 1 work complete by May 31, 2019. The beach work will last approximately 12 weeks. J. Marshall explained that controlled access in and out of the reservoir park will be established depending upon the intensity of pipework occurring on the beach.

The NOI also includes adding a porch roof to the pump house, covering the same area where an outdoor tank is currently located. The porch roof will be made of corrugated metal and will not add to the impervious area of the pump house. The outdoor tank removal will require excavation and fill.

C. Tirone requested more information about construction access and erosion control.

D. White motioned to continue the hearing to 1/03/2019 to review the requested information at the request of the applicant, C. Tirone seconded, all in favor, motion passed.

#### **Notices of Intent- Deliberation: 47 Spy Pond Lane, Lots 1(A) and 2(B)**

The Commission reviewed draft Order of Conditions for Lots 1(A) and 2(B) and suggested edits.

C. Tirone motioned to approve the revised denial Order of Conditions for Lot 1(A) document, D. White seconded, all were in favor, motion passed.

P. Heidell motioned to approve the revised approval Order of Conditions for Lot 2(B) document, C. Connors seconded, all were in favor, motion passed.

#### **Certificate of Compliance: 79 Dothan Street**

The Commission reviewed the Applicant's Request for Certificate of Compliance. E. Sullivan summarized her site visit to determine compliance. C. Tirone motioned to issue a Certificate of Compliance, C. Connors seconded, all were in favor, motion passed. E. Sullivan will issue the Certificate and add the continuing conditions, which survive the expiration of the permit, to the packet.

**Certificate of Compliance: 83 Dothan Street**

The Commission reviewed the Applicant's Request for Certificate of Compliance. E. Sullivan summarized her site visit to determine compliance and found work was done in compliance with the Order of Conditions. C. Tirone motioned to issue a Certificate of Compliance, C. Connors seconded, all were in favor, motion passed. E. Sullivan will issue the Certificate and add the continuing conditions, which survive the expiration of the permit, to the packet.

**Proposed Modified Planting Plan: 12 Clyde Terrace**

This topic will be reviewed during the 1/03/2019 meeting.

Meeting adjourned at 9:59pm.

The Conservation Commission's next meeting scheduled for Thursday, January 3, 2019 at 7:30pm in the second floor conference room of the Town Hall Annex.

Respectfully submitted,  
Emily Sullivan