

LYME CONSERVATION COMMISSION  
INLAND WETLANDS and WATERCOURSE AGENCY

April 18, 2018, 7:00 p.m.

The Lyme Inland Wetlands Agency held a regular meeting on Wednesday, April 18, 2018 at 7:00 p.m., Lyme Town Hall, 480 Hamburg Road, Lyme, CT.

**MEMBERS PRESENT** Paul Armond Chairman, Sue Hessel seated for Tom Reynolds, Beverly Crowther, Priscilla Hammond, Ben Kegley, Pat Crowley, Roger Dill, Bernie Gigliotti ZEO, and Patsy Turner Secretary.

Absent Members: S. Kurlansky (alternate), T. Reynolds

Site walk: Was cancelled due to heavy rains.

**Seat Alternate Member**

Armond: Alternate member Sue Hessel was seated for absent regular member T. Reynolds.

**REGULAR MEETING**

Pat Crowley was recused from this section of the meeting at 7:00 p.m.

**Keeney Road LLC, Grassy Hill Road Tax Map 52 Lot 22; an application for construction of a shared driveway to serve three lots of a subdivision across a designated wetland and 100 feet of regulated area. This is to replace a previously approved application (2009) which has lapsed.**

Armond: This information was presented last month when the application was received. Are there questions or comments from the commission members about the application?

A motion was entertained by Armond to approve the application as presented, the motion was moved by Dill, seconded by Hessel, and was passed unanimously by all members voting.

Pat Crowley re-entered the meeting at 7:02 p.m.

**Malvin and Gail Karwoski, 46-3 Gungy Road; an application to install a boat dock in Whitford Pond.**

Gigliotti: Mr. Karwoski was called out of town and could not attend this meeting; the application can be received and then reviewed next month.

Armond: The application has been accepted by the commission and will be before this commission next month.

**Lyme Land Conservation Trust, Banningwood Preserve, Town Street Tax Map 8 Lot 102; an application to install four cross drains along the red trail and do some regrading to improve erosion control.**

Present at the meeting was Don Gerber, Vice President and Stewardship Chairman of the Lyme Land Conservation Trust.

Types of materials which could be installed for trail improvement were discussed.

Armond called for questions or comments from the commission members, with there being none a motion was entertained to approve the application as presented.

The motion was moved by Crowther, seconded by Hessel, and was passed.

**Joshua Abrams, 155 Joshuatown Road Tax Map 18 Lot 8; an application to create a recirculating watercourse within a wetland and regulated area utilizing water from an existing pond.**

Present at the meeting were Anne Penniman (Penniman Associates, LLC), Joseph Kelleher-PLA, and Rob Townsend, (Aquascapes of CT, LLC).

Penniman: The proposed improvements will meet different levels; ascetically, habitat, and ecological function. (Handouts were given to the commission members to add to their information; additions to the narrative and an image board showing plants species.

Kelleher: The proposal will address the poor drainage conditions and will minimize runoff. The project will improve habitat, ecological function of the pond, and provide safe access to the pond edge by the property owner.

Crowther: How will the water be recirculated?

Townsend: There will be a pump vault in the pond beneath the rocks and gravel then the piping will follow along the edge of the stream and recirculate to the top of the stream, the water flow will continue down the stream into the pond. The stream will be lined with underlayment and liner, covered with rocks and gravel. The excavation will be minimal. The stream will begin where the runoff is currently located.

Penniman marked with a highlighter the location of the piping on the plans.

Townsend: The current pipe is located approximately 14 feet above the pond level over a 120 foot span. There will be 7 to 8 waterfall drops in the streambed.

Kelleher: The grade changes are documented on the enlarged plan. Each pool will be approximately 1½ to 2 foot grade change. The site walk was cancelled due to rain, seeing the site would have been helpful. The water entering the pipe is surface water that collects on the opposite side of the driveway.

Penniman: The outbuildings on the property are a distance away.

Kegley: If the water coming off of the outbuildings' roofs is discharged into the stream the water will be hot.

Penniman: There are no discharge or down pipes off the outbuildings.

Dill: What will stop the water from turning green?

Townsend: The property owners do not fertilize the lawn. The pond is treated with aerobic bacteria; safe for fish and plants.

Armond: A site walk can occur next month. A construction sequence will be necessary for this project.

Townsend: The pipe (flexible piping) running along the stream will be 6 to 10 inches below the surface. The pump will run all year long.

Dill: How is the previously approved application coming along in terms of the plants?

Townsend: The marginal plants are growing well.

Armond: The pools in the stream will be perfect habitat for the amphibians.

Photographs of sample pond with attached streams were presented to the commission.

Kelleher: The pump will run all year to keep the stream running and keep the area looking beautiful throughout the seasons.

Townsend: This project started in 2016 with very little water in the pond, the liner was added in the fall of 2016 and the natural rain fall filled the pond.

Dill: The construction sequence needs to be documented.

Penniman: The power for the pond and stream may come in off the pole near the road.

Armond: Will the excavated material be brought off site?

Townsend: The material will be reused on the site for fill after the digging.

Armond: The construction sequence should have the timing of the project, when things will occur, the volume of material being moved, is the extra stone being brought onto the property & how is it being moved, and the type of machinery that will be used. The projected amount of disturbance should be documented. Erosion and sedimentation installation should be added to the plans. A list of proposed plantings should be on the plan, also. There will be a site walk before next month's meeting (the area needs to be flagged).

Kelleher: Approximately 12 Red Cedars will be planted.

Penniman: Near the driveway the White Pine Trees will be removed (2 big and 1 small pine will be taken).

Armond: This will be seen before the commission in May 2018.

#### **NEW BUSINESS**

##### **Tiffany Farm Pond**

Present at the meeting was David Tiffany.

Tiffany: The plan is to fix the farm pond on the property; the dam started to wash out in 1982 and has become lower over the past thirty years. The earthen dam needs repair and then the water level will rise. Photographs were taken of the area but everything is overgrown which makes it difficult to see the dam and pond area. When the pond level is down a 12 inch pipe with a valve will be installed with a stand pipe, a clay based fill will be brought in, an 18 inch outflow pipe will be added, and the overflow will be released as sheet flow at the dam area; the dam is more like a peninsula of land.

Kegley: If a mess underlay is added to the dam area the grass roots will have stability.

Armond: A site walk would be scheduled and this will be seen again next month.

Tiffany: The area will be trimmed with a brush hog for the site walk.

#### **REGULAR MEETING** (re-opened)

##### **Review of regulation changes resulting from DEEP comments and setting a new public hearing date.**

The commission discussed Attorney Mike Carey's comments and made changes together accordingly.

Gigliotti: The changes will be made and resent to the DEEP and neighboring municipalities. The public hearing will be set for June 2018.

#### **OLD BUSINESS**N/A

##### **APPROVAL OF OUTSTANDING MINUTES**

A motion was made by Armond to approve the minutes of the March 2018 meeting.

Hessel moved the motion, seconded by Crowley, and the minutes were accepted.

##### **Adjournment**

The meeting was adjourned at 8:47 p.m.

Respectfully submitted,

Patsy Turner, Secretary