

INLAND WETLANDS AND WATERCOURSES COMMISSION

Town of Trumbull

CONNECTICUT

www.trumbull-ct.gov

TOWN HALL  
Trumbull

TELEPHONE  
(203) 452-5005



MINUTES  
APRIL 2, 2019

CALL TO ORDER: The Chair called the meeting to order at 7:02 p.m.

PRESENT: Chairman Richard Girouard Vice-Chairman John Lauria  
Carmine DeFeo Mark MacKeil  
Laura Pulie, alternate David Verespy

ABSENT: Secretary Richard Deecken

ALSO

PRESENT: Tatiana Smotritskaya, P.E. Civil Engineer, IWWC Co-Agent

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The following is a brief summary of the meeting. A complete record is on tape, on file, in the office of the Inland Wetland and Watercourses Commission located in the Trumbull Town Hall.

Chairman Richard Girouard seated Commissioner Laura Pulie in Secretary Richard Deecken's absence.

**NEW BUSINESS OPENED** at 7:02 p.m.

Application 19-10 Pereira Engineering LLC-Permit approval to remove trees, clear vegetation, construct a 10'x14' shed, chicken coop and dredge pond within a regulated area at 699 Booth Hill Road. Joe Pereira, P.E. addressed the Commission on behalf of the applicant Jason Kerestury. The homeowner was issued a violation for clearing trees and vegetation within the 100 feet setback and also installed a shed and a chicken coop. It's outside of the wetlands itself but is within the setback. There's a man-made pond on the north side of the driveway. There is a former right of way that the town had with an easement to access town owned property. Approximately 8 trees were removed. Jason Kerestury, homeowner told the commission that no more trees would be removed. Where the vegetation was cleared it is now lawn. He said all the trees that were removed were wrapped with poison ivy and the stumps were removed. The Commission said it appears the chicken coop runoff into the pond and asked if it could be moved and not having the lawn area going right up to the wetlands. They also have concerns about where the chicken manure is going. The homeowner said he is putting it away from the property in a place where it's not going to run off into the wetlands or the pond. The commission said it appears the coop is in an area that floods and whatever chicken stuff is in there would move downstream and into the wetlands. The Commission would like to see on the plan the area where the manure is going to be disposed of. Creating a buffer between the driveway and the current coop location with native plantings would benefit the overall system. Contour elevations need to be added as well. The IWWC Co-Agent made the following comments: grading plan is needed, a preexisting and current topography, the dam that is on the

property falls under Class A and state requires it be inspected every 10 years a copy of that report is needed for the Town records. The shed and chicken coop are not in compliance with zoning regulations a letter of approval is needed by the zoning dept. because the current location requires a variance and the shed is in the town right of way. The Town is looking to get an easement to that landlocked parcel in the back and would like to work out a new easement location outside of the shed. The Commission asked what is being stored in the shed. The homeowner said it has lawnmowers and gas cans. The Commission said that they may be an issue. The IWWC Co-Agent said that in regards to pond dredging a plan will need to be in place for erosion controls, where the materials is going to be stockpiled and volume calculations and how it is going to be removed from the site. There is a requirement that it has to be tested for contaminants. More detailed information for the dredging would be helpful. There would also need to be a dewatering plan, where is the dredge material going if staying onsite it needs to be shown on the grading plan. The Commission believes the shed and the coop could be moved somewhere else away from the wetlands. Mr. Pereira said in regards to the dredging that is something the homeowner is thinking about doing so he added it to the application for discussions. They are not worried about that right now. The Commission said soil testing of the dredged material is important. They asked when the wetlands were flagged. They said fairly recently-January 2019.

Application 19-11 Suzanne McCabe-Permit approval for proposed swale, tree removal, patio and walkways within a regulated area at 15 Harvest Hill Drive. This application modifies a previous approval of Application 16-12, 41 Hedgehog Road. Mary Blackburn, Registered Landscape Architect, Solli Engineering addressed the Commission. The house is under construction and the application is to modify the previous permit. This was a subdivision. The original site was 41 Hedgehog Road. There is a small pocket of wetlands to the north and a larger area to the south of the property. There is an existing headwall at the southernmost point of the wetlands. There is a 4" pipe that runs along the west and wraps around the northwest corner of 41 Hedgehog. There is a 6" pipe that runs straight down through the wetland and it outlets directly into the wetland. During construction the neighbor dug a trench to alleviate some flooding that was occurring and is along the western property line. The owner realized that was something that would need approval. They expanded the basin to accommodate the additional impervious surfaces in the new design. They also designed a swale. They are proposing to cap the 4" pipe that runs through the neighbor's property and daylight the 6" pipe into a swale. That swale will be lined with 6" decorative river stones. There would be rip rap apron at the bottom so not to disturb any existing trees or the upland review area and then it would make its way down to the wetlands. There's been no erosion or sedimentation into the wetlands during construction. This wouldn't have any adverse impact to the wetlands. If anything it would improve it. The 4" pvc pipe comes from the headwall at the edge of the wetland and it drains to the catch basin and then goes to another catch basin that's right at the corner of their foundation and from there it drains out. The catch basins tend to clog up and back up. The Commission asked the intentions for stabilizing the slopes and if there are any check dams intended along the swale given that it's fairly steep. They said they would plant the area of the 6" pipe with New England erosion control plants and both the detention basin areas. The Commission suggested some additional plantings below the boulder wall and along that swale beyond the seed mix would be beneficial for control and for stabilizing the soils. For the large boulder walls that are now proposed off the patio some plantings below those would help soften this area and provide additional water quality. They asked if the basin would be adequate to handle a storm and asked about the dimensions. Mary Blackburn said it has been designed for a 25 year storm. The IWWC Co-Agent said she would provide the engineering comments in writing. Also the spillway of the detention basin has to be sized to handle a 100 year storm per the regulations so the calculations should be included and they need to depict roof leaders and footing drains on the site plan. At the outflow of the 6" pipe when it all connects to the swale an additional energy dissipater should be installed because the swale may erode at that point so to prevent that and make sure it's stabilized. The Commission ask if any extra trees have been taken down from what is on the original plan. She said 2 additional trees have been and if they do the swale the tree line in that area will be and the trees are mostly small trees. The Commission asked to have any additional trees flagged. Also in the

northwest corner of the property where the wetland is with the silt fence shown and the expanded limit of disturbance should have additional shrubs and native plantings between the wetlands and the disturbed area to create a buffer between the lawn area and the wetlands. Russell Sear, P.E, Solli Engineering addressed the drainage related comments. The swale is designed for a 25 year storm and will handle anything coming from the upper wetlands without encroaching into the basin. The basin itself is a grass infiltration and is designed to handle a 100 year storm. The spillway is designed to handle a 100 year storm. After the storm it infiltrates. The IWWC Co-Agent suggested they submit something to the engineering dept. showing that they have designed for the 100 year storm. Mr. Sear said he believes the submission of the drainage has all the calculations for that storm in there. The Co-Agent said she has only seen the 25 year storm in the report and as far as the 6" pipe it should be stabilized in a way that it doesn't erode the swale. Mr. Sear said they are using 6" river rock which is almost the size of a modified rip rap and the 25 year storm, the flow is 7.4 cfs and the velocity is 5 feet per second and it's adequate to handle that. The bedding under the swale will be gravel. The Co-Agent asked that they expand the storm water maintenance schedule on sheet 2.21 to include the swale and the rip rap and pipe outlet and include more detail for the homeowner to know about the maintenance. The Commission requested the applicant stake the drainage, swale and detention basin.

Application 19-13 2207-2213 Huntington Turnpike LLC c/o Daniel Riccio-Permit approval for modification of IWWC Application 15-06 for work beyond limits of disturbance: 2 rain gardens, sewer laterals, plantings and other modifications within a regulated area at 2207-2213 Huntington Turnpike.

(This application was submitted under anything that might rightfully come before the commission. The Commission accepted this under New Business.) David Bjorklund, P.E. Spath-Bjorklund Associates said this is a modification of the application that was previously approved application 15-06 in May 2015. At that point the application was approved for the owners of the properties the Hansons who subdivided the property into 2 lots and donated a piece of property as open space to Mischa Park. The property was then sold to Rand Development, Mr. Riccio owns Rand. He obtained 2 building permits to construct 2 houses on the property. At the start of construction they had done the original site plan with underground detention basins located very close to the homes. Mr. Riccio approached Mr. Bjorklund and asked if these sites would be a good location to construct rain gardens in the rear of the property. Mr. Bjorklund said he and Bill Maurer although are not real fans of putting rain gardens in side yards, definitely not front yards, because in time they will get mowed over but rain gardens in the rear of the property would be a great idea and these 2 lots are good candidates for raingardens because the park in the back is undeveloped. Some of the trees that have been marked for preservation were storm damaged or had died in the meantime. They are back again because there is a limit of disturbance that did get disturbed. They are requesting permission to construct two raingardens, they have modified the LOD line and they have a more extensive planting plan. They have met with the engineering dept. to address the violations. The Co-Agent said that the applicant is in compliance with the engineering regulations. She did ask if all the erosion control measures are operating properly. Mr. Bjorklund said the erosion control is installed, the rear property line staked out, silt fence is in place. He can't testify if its 100%. They can take another look at the erosion control and it's all in place. The Commission asked for soil testing in the middle of the basins. It was suggested plantings be 5 foot on center and spice bush would be good to include here. They would like to see a limit of lawn or edge of bed line added to the plans and some way of demarcating that these are protected plantings and are not to be removed. Also the raingarden on the northerly lot is very close to the wetland and suggested that be pulled to the northeast further away from the wetland. The Commission asked if additional trees would be cut. Mr. Bjorklund said they are complete.

NEW BUSINESS CLOSED at 8:03 p.m.

OLD BUSINESS OPENED at 8:03 p.m.

Application 19-04 Scott Petitti-Permit approval for in-ground pool within a regulated area at 130 Horse Tavern Road.

MOTION (Lauria) Seconded (MacKeil) to APPROVE to include the following conditions:

IWWC General Conditions Section I 1.1 through 1.8

IWWC Site Specific Conditions Section II 2.1, 2.6, 2.7, 2.9, 2.13 and IWWC Section III Additional Conditions:

3.1 Compliance to the Engineering letter dated 3/1/2019

3.2 Updated drainage report

3.3 Plantings to be 5 foot on center

3.4 A line of permanent demarcation with wetlands placards installed on wetlands boundary.

3.5 Mulch rings around the individual plants and a wetland seed mix throughout the rest of the wetlands area.

VOTE to APPROVE CARRIED unanimously.

OLD BUSINESS CLOSED at 8:14 p.m.

### MINUTES

By unanimous consent the Commission VOTED to ACCEPT the March 5, 2019 meeting minutes as submitted.

### SCHEDULE FIELD INSPECTION(S)

Tuesday, April 16<sup>th</sup> leaving Town Hall at 3:00 p.m.

Application 19-10	Pereira Engineering LLC	699 Booth Hill Road
Application 19-11	Suzanne McCabe	15 Harvest Hill Drive
Application 19-13	2207-2213 Huntington Turnpike LLC	2207-2213 Huntington Turnpike

By unanimous consent the Inland Wetlands Watercourses Commission adjourned at 8:28 p.m.

Respectfully Submitted,

Colleen Lombardo  
Clerk