

Minutes of the Regular Meeting of the Inland Wetlands Agency on July 18, 2018.

A. Roll Call

Present: Brendan Magnan, Rajit Bhawe, Jim Connors, Ken Cowden, Dave DeFlumeri, Carol Dunn, Ed Mead and Steve Munson.

Absent: Nathan Buchok, Matthew Connors and Lily Flannigan.

Also Present: MaryRose Palumbo, Joe Griffith, DPLU Director and Lisa Streit

Magnan called the meeting to order at 7:30 p.m. and deemed Bhawe the voting alternate.

B. Pledge

All stood for the Pledge of Allegiance.

C. Public Comments

None.

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MILFORD INLAND WETLANDS

E. New Business

1. **IW-A-18-023: 734 Naugatuck Avenue, Devon Power, LLC** – proposed rerouting of stormwater system with new outfall and work in and within 100' of a watercourse in the Housatonic River Watershed.

MaryRose reviewed that this is a proposal by Devon Power to install a new storm water outfall and divert uncontaminated stormwater from the southwestern portion of the site to the Housatonic River. Debby Hoyes, of Arcadis, Bob Spooner from NRG and Dave Chapman of Blakeslee Arpaia Chapman were in attendance to present the proposal.

Debbie Hoyes of Arcadis, permitting expert for Devon Power, stated that they had a pre-application meeting with MaryRose in January. In addition to the MIWA permit they need a DEEP Structures Dredging and Fill (formerly OLISP) permit and an ACOE general permit - which they expect to receive this week.

Bob Spooner from NRG representing Devon Power reviewed that the project is to divert stormwater from the storm drains to the Housatonic River from the wastewater treatment system. The steam power engines have been shut down for a long time now and the only water the wastewater system processes is uncontaminated rainwater. He said that they basically receive rainwater, raise the ph, allow sediments to drop out and then lower the ph and release the water through a different outfall. They would like to stop unnecessarily treating the rainwater and reduce the chemical use at the site. They would like to do the project this summer.

Munson questioned uncontaminated rain water. Spooner stated that it is just rain water, surface water; there are no contaminants for it to pick up. It goes to catch basins and pumps to the Waste Water Treatment Plant. They would like to pump it directly to the river.

Magnan asked if the rainwater is coming from the roof drains. Dave Chapman of Blakeslee Arpaia Chapman of Branford, CT PE, explained that most if not all of the roof drains have been shut out of the system. Nothing from the stack gets to the stormwater collection system. He did the calculations for the permits. Speaking to sheet 1 of 2 there was a tank in the rear of the lot that took the drainage water before it went into the wastewater treatment system. Their intention is to have 2 inlets and the tank will have a baffle to allow the sediments to settle out and it will be cleaned out regularly. The outfall will go to a concrete headwall in the rip rap area which will prevent erosion. The wall of the outfall will be slightly higher than the existing ground to act as a fence.

Speaking to sheet 2 of 2 they have hay bales and erosion control fencing. They have planned the erosion and sedimentation controls in the event of a heavy rain event. They would first construct the base of the headwall working with the tides, they will not be working in the water, they will set the 18" fiberglass pipe, then build the wall, There are 2 existing pipes they will have to run under and there are a couple of catch basins that will be abandoned. He anticipates the job will take 2-3 weeks. There is a check valve proposed to keep the tide waters from back flowing into the system.

DeFlumeri questioned the chemical treatment of the water. Spooner said that water comes into the wastewater treatment facility where the ph is raised to clarify it. The water then goes into a clarifier and solids are taken off, then to settling basin, then the ph is lowered to the river ph and the water is discharged to the River. Part of their desire is to stop treating the water with chemicals.

Munson asked if this would this be a permanent system and if chemicals are being used to change the water, is the amount of chemicals used based on the contamination and the volume of the water? Spooner stated that yes this would be a permanent change to the stormwater system onsite. And yes, they are using more chemicals due to the volume of the water. Rainwater is increasing the volume of water.

Connors clarified that this water is no different than street water. Spooner stated that that is correct.

Magnan asked for clarification of the route of the water. Chapman referred to sheet 1 of 2 and reviewed the flow to the yard sump from the catch basins; where the water is running

now. They have installed another vault next to it and right now pipes are running into a vault.

Spooner used a highlighter on the plan to show the existing and proposed storm water discharge routes. When the plant was using a significant amount of water, the rainwater was small by comparison. Now, the only water they are treating is rainwater. There is no source of contamination now; their monitoring has shown no contamination and there is no likelihood of chemicals getting into the system. Chapman stated that there are no hoods on the catch basins, but it is going into a baffled system. He said that it is designed for a rain event close to yesterdays rain storm roughly (2000 GPM)

Bhave questioned why do this now, why is the system being buried and if yesterdays storm happens; what would happen. Spooner stated that the Maintenance Manager is finally able to address this project now. Chapman stated that during a storm like yesterday (7/17/18 $\pm 2''$ of rain) the detention time is likely over a minute allowing sediments to drop off before the water moves onto the discharge point. Spooner stated that the system will be switched over on a dry day to avoid any issues.

Mead asked if the old system would be removed. Spooner stated that it would be eventually, when funds allow.

It was deemed that bonding would not be required. No action taken.

2. **IW-A-18-026: Flax Mill Lane Bridge, City of Milford** – proposed maintenance and replacement of existing bridge in and within 150' of a wetland and watercourse in the Wepawaug River Watershed.

MaryRose reported that this application has been withdrawn. The applicant plans to resubmit next month.

D. Old Business

A motion was made by DeFlumeri, seconded by Connors to remove this item from being tabled. The motion carried unanimously.

1. **IW-A-18-017: 232 West Main Street, Warren Field** – proposed construction of two 3-unit buildings with parking, construction and grading within 150' of a wetland or watercourse in the Wepawaug River Watershed.

MaryRose reported that this is a request by Buddy Field for construction of 2 – 3 unit apartment buildings with work within 150' of a wetland that is off site of the property at 232 West Main Street in the Wepawaug River Watershed. At the last meeting the City Engineer requested in his memo that the water quality structure be changed to a swirl concentrator.

Mr. Field submitted plans with the change on 6/28. The City Engineer's memo of 7/17/18 said that the proposed stormceptor was satisfactory.

The following motion was made by Connors and seconded by Munson:

I move to approve application IW-A-18-017: 232 West Main Street based on the plans entitled "*Proposed Site Development Plan West Main Commons II, An 8-30g Residential Community, 232 West Main Street, Milford, CT*", by Cabezas DeAngelis Engineers & Surveyors, cover and 6 sheets, dated 4/25/18, revised 6/22/18 the information in the file and presented this evening, for the following reasons:

This action will not have an impact or effect on the physical characteristics of the adjacent wetlands and watercourses.

With conditions including:

- Compliance with the City Engineers requirements as stated in his memo received 6/20/18 & 7/17/18.
- The Permittee must submit a construction plan *prior* to taking out the permit.
- Soil Erosion and Sedimentation controls as outlined on the plans and in the CT DEP "*2002 Erosion and Sedimentation Control Guidelines*" must be installed and maintained on the site until the property is stabilized.
- Wetland notification to be placed on the asbuilt and in the property deed to give notification to property owners that permits are required from the MIWA to work on the site.
- A bond of \$6,250.00 must be posted with the MIWA for S&E controls, border plantings, wetland boundary markers and an asbuilt showing finished 2' contours and locating all site structures.
- The Permittee must submit a certification by the Project Engineer that the completed project meets the design intent of the approval prior to bonds being released.

The permit is issued 7/18/18 expires 7/18/23 unless otherwise provided by Statute.

The motion carried unanimously.

E. Minutes

A motion was made by Munson, seconded by DeFlumeri to accept the minutes of the 06/20/18 regular meeting as presented. The motion carried with Cowden and Mead abstaining.

F. Staff Report

Site Status:

- 33 Schoolhouse Rd - Original Ecosystems is doing the invasive management and basin plantings and monitoring for the site.
- 70 Kay Ave is ongoing.
- Welch's Point Rd Pump Station is ongoing. Dumpsters are to be removed in the next two weeks, due to delays the contract end date for the work is 12/22/18. DeFlumeri questioned the stability of the soil in the rear of the Welches Point Rd pump station. MaryRose noted that the fiber logs had been refreshed today and that a portion of the area has been ripped

for stabilization due to the steeper slope. The remainder will be seeded when the bypass is no longer in use.

- Rock Lane Pump Station is ongoing. Site should be paved by next week and then the fencing will be replaced.
- 73 Cooper Ave Asbuilt the contractor has fixed the issues with the rain garden and the bond can be released. I met with the homeowner and explained the reason for the rain garden and sent him rain garden maintenance information as well as information on controlling phragmites and Japanese knotweed.
- Forest Rd – nearing completion working on boulders, plantings and grass.
- Great River Golf Course – waiting to receive the revised mitigation plan for planting.
- Milford Ponds - Work on the ponds is nearly complete.
- 0 Tanglewood Circle – Area over the septic tank is stabilized with grasses and wildflowers. The project engineer met and reviewed the stormwater system with the City Engineer in the field. The City Engineer gave me a verbal ok before they constructed it, I am waiting on the paper follow-up from him.
- 24 Cooper Ave house is elevated footing are poured erosion controls are in place.
- 74 Surf Av – will be starting soon.

Please remember to call or email me if you are unable to attend a meeting.

G. Chair's Report

The next meeting will be a Regular meeting in Conference Room B on August 01, 2018.

Please let the office know if you are unable to attend and get any questions you have on the applications to MaryRose so that she can forward them to the applicants.

There being no further business to discuss, a motion to adjourn at 8:15 p.m. was made by Connors and seconded by DeFlumeri. The motion carried unanimously.

Respectfully submitted,

Lisa Streit

These minutes have not been accepted or approved.