

A. Roll Call

Present: Brendan Magnan, Nathan Buchok, Matthew Connors, Dave DeFlumeri and Lily Flannigan.

Absent: Jim Connors, Ranjit Bhawe, Ken Cowden, Carol Dunn and Steve Munson.

Also Present: MaryRose Palumbo and Lisa Streit

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

B. Pledge

All stood for the Pledge of Allegiance.

C. Public Comments

None.

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D. New Business

A motion was made by Buchok, seconded by DeFlumeri to hear item D.2. first on the agenda. The motion carried unanimously.

- 2. IW-A-18-047: 0 French Drive, City of Milford Board of Education** – proposed renovation, expansion and upgrades to the existing softball field with construction and grading within 100' of a wetland and watercourse in the South Central Shoreline Watershed.

MaryRose reported that this is a proposal for renovation and upgrades to the softball field at Foran High School on French Drive. The proposal is to convert the existing grass field to a synthetic turf field with a 0.04 acre expansion to allow use of the field for other sports. They are proposing drainage and infiltration under the field with an overflow to a rip rap dissipater adjacent to the wetland to the north of the field. The closest proposed disturbance is the rip rap dissipater 2' from the wetland line. Pat Bradbury, Facilities Director from the Board of Education and Chris Hulk from Milone & MacBroom were in attendance to present the project and answer any questions.

Chris Hulk, PE, Milone & MacBroom, Cheshire, CT stated that the plan is to convert the existing field to a synthetic turf softball field. Currently the field goes unused most of the year due to poor drainage. One of the major issues is lack of room for everyone to practice. They feel that converting to synthetic turf will allow more teams area to practice

He proceeded to orient the site to the plan. Originally the softball field was a parking lot and the area that is currently delineated as wetlands (along first base line) was a stormwater detention system which is now characterized as a wetland. As part of the existing field the two existing dugouts will be kept and there will be about 0.04 acres of additional clearing of brush along the 1st base line and in centerfield. The area is overgrown, silted in and is a low quality wetland. The proposed plan is for the field to be fully synthetic with a small clay area at the pitcher's mound. There will be bulkheads at either side of the dugouts and bleacher pad

locations as well. Foul balls typically go into the wetlands area. Therefore, 30' high safety netting is proposed along the 1st base line.

There will be a stone base beneath the field, water will seep through the turf, into the stone and infiltrate below where there will be flat drains for any overflow to the north discharge area. By converting the field, softball could actually play all year long and soccer, lacrosse and football could also practice. They are not proposing to light this field. They are hoping that by programming this field they will allow the kids to practice earlier and use the lighted fields less. A concrete pad behind home plate for a future storage shed is also proposed.

The project will likely start in the beginning of June and anticipate 3 months construction. Topsoil will be removed offsite; construction traffic will be through a construction entrance pad. There is an erosion and sedimentation control plan; sediment fence with hay bale reinforcement. After the topsoil is removed they will install geotextile fabric to prevent soil from entering the stone area, then stone, then synthetic turf. The field will be lined by a concrete anchor curb. Construction will stock pile to the central area of the site, away from the wetlands. He does not see any reason why this project would have a negative impact to the wetland area. Because of the historic use of the site and the silted in nature of the wetlands, they feel that this will be a benefit to the town with no negative impact to the wetlands. Pictures showing that there is overgrowth into the field site were submitted.

M. Connors stated that synthetic turf would require no pesticides or fertilizer but he asked about any leaching long term. Hulk stated that water is filtered through the stone base layer. The infield materials typically do not break down, so they do not typically see issues with that. They looked at replacing it with a natural grass field but the costs would be similar to install drainage and there would be decreased playing time on the field.

DeFlumeri asked if the entire field would be turf and asked if there was any history of flooding and asked about the grading on site. Hulk stated that the entire field would be turf except for the clay pitchers runway. Left field is at elevation 14-14.5, right field is 12.5. They will remove the cross pitch so that the infield will be at elevation 14 and pitch down to the outfield at 13. The purpose of this is to bring it down to existing grade and for the playability of the field. The cuts and fills will be 275 cu. yds. of net fill. The 100 year flood line coincides with the wetland line and is AE (11). They do not anticipate issues with flooding on this field.

Flannigan asked if snow was an issue. Hulk stated that if it is plowed; 1" of snow would be left or you could clear small patches with shovels and let the snow melt. If it is plowed, it would be to left field; not into the wetland. Pat Bradbury stated that the season starts in March and he can't see it being plowed; he does not want trucks out there.

Buchok asked how runoff is handled. Hulk stated that it stays in the top soil; runs left field over to right field and then 5' down to the wetland.

Magnan asked about discharge and its impacts to the wetlands; would there be more discharge than there is currently. Also, would there be people around there potentially putting contaminants into the wetland. Hulk stated that the stone underneath the field typically holds the water from a 100 year event. That spot was chosen for discharge to stay out of the wetland and pitch appropriately to discharge. It will be a dug out area with a flared end section (3:1 slope that can be weed whacked). Currently a fence runs along the roadway for access; fans

either walk onto the field or walk around the field by the wetland. Currently the waste has direct access to be blown onto the wetland area. With the proposed condition, there will be a fenced area to prevent the access to the rear and bleachers for the fans in left field and along 3rd base line. In the future there will be a storage shed there to act as a barrier to that area. There could be signage to prevent foot traffic along the wetland. Grading will be another impact in that area. Magnan asked about wetland boundary markers. Hulk stated that they are not proposed but he is open to suggestions.

Buchok asked for confirmation that discharge behind home plate will only be in a significant rain event. Hulk stated that it should only be in a 100 year event.

DeFlumeri asked about the longevity of the field. Hulk stated that there is an 8 to 10 year warranty. Typically at 12 – 14 years carpet is pulled up and replaced with minimal impact. High wear areas such as 1st and 3rd base and the batting areas will be replaced more frequently. DeFlumeri asked about decay of the artificial turf itself and what kind of material it is. Magnan asked that product specifications be looked into for any environmental impacts.

Bradbury stated that they have the same general product on both football fields for the last 10 years and just recently replaced the carpets. He said that it is also the same as the recently built lacrosse fields at the YMCA. He said that in the summer they vacuum the infill and it pulls out all of the loose fibers and then they broom the field and this gives it longevity. The synthetic debris is brought offsite and properly disposed of.

M. Connors stated his only concern is with leaching. Hulk stated that with curbing and maintenance, they can submit a maintenance/best management manual.

Flannigan stated that she feels the regrading will be helpful in terms of runoff and would like the IWA markers. She is comfortable with the product as it has been used with football fields.

Buchok stated that he has more questions on the technology impact than location.

DeFlumeri asked if the field is almost always saturated in its current condition and he is concerned with water sitting and rising up through the soils. Hulk stated that it is almost always saturated. They did test pits and found it to be highly compacted and silty soil. The proposed condition of removal of the compacted soils and placement of stone will add in drainage. While they did not do a full study they do not see any issues with backwatering of the field and by doing construction in the summer it will limit work in saturation conditions.

Magnan asked when the parking lot was built. Bradbury said that they started to create the softball field about 22 years ago. When the school was built in 1973 this area was a parking lot. The area identified as wetland was a rectangular detention basin created when the school was built. Hulk stated that the former construction plans from the high school are included in the package along with historical photos.

This is an application that is before the Agency for receipt at this meeting. This evening the Agency can:

Ask questions

Ask for further information

Schedule a site walk

Schedule a public hearing
Take no action

No Action Taken.

1. **IW-A-18-46: 50 Daniel Street, Conine Associates, LLC** – proposed 572 sq. ft. expansion of patio area with construction and grading within 150' of a wetland and watercourse in the Wepawaug River Watershed.

MaryRose reported that this is a proposal by Conine Associates to expand the rear patio at the Stonebridge Restaurant a total of 572 sq. ft. with work 3' from the Wepawaug River. The upland review area is 150'.

Ron Wassmer from CT Civil Group, Attorney Lynch and Richie Conine were in attendance to present the application.

This evening the Agency can:

Ask questions
Ask for further information
Schedule a site walk
Determine if a public hearing is necessary
Take no action

Wassmer stated that the site is fully developed; from the edge of the existing patio to the edge of the gabion wall (a wire mesh structure filled with stones and tied together; like a gravity wall). Scott Stevens flagged the site and his report was submitted. He submitted 3 photos from different viewpoints of the proposed patio area:

- 1) Is taken from the current edge of patio looking over cobble stone woodchip area.
- 2) Is taken from below the existing deck looking towards New Haven Av.
- 3) Is taken from the Founders Bridge looking towards the restaurant showing the Wepawaug River, gabion wall, cobblestone area and small shrubs.

The Wetlands were flagged by Scott Stevens of Soil Science and Environmental Services. There is about 6" of dirt between the gabions and the watercourse best shown in photo 3. The wetland flags are tied to the gabion baskets.

Speaking to plan SD-1 Wassmer explained that their goal is to extend the patio. He has talked with the Engineering Department about modifying the existing manhole that is in the wood chipped/cobblestone area for the sanitary sewer. He believes that they will need to raise the frame and make it a water tight manhole. Wassmer explained the construction and location of the proposed patio. The patio will be a 6" concrete slab; there will be a small piling to act as a cantilever in the event the gabion baskets move. This will stabilize the patio slab. There will be a railing along the edge. There will be erosion controls made up of filter fabric on top of the gabions wrapping around a fiber waddle. The proposed work is about 2.5' from the watercourse so he is showing installation of E&S measures and best practices to prevent anything entering the River. There will be only minor excavation for this proposal but the filter fabric will catch any sediment and anchor a waddle preventing anything from going through the gabions. He has also specified that low slump concrete be used to prevent entry

into the gabion. He anticipates that construction will take about two (2) weeks to do this work. They don't anticipate starting the project until spring.

Magnan asked about snow removal. Wassmer stated that it is only used in the spring and summer; it is wrapped up in the winter. Magnan asked about discharge, debris. Conine stated that he is always worried about people throwing things into the River and he regularly removes things from the River and streets. He is also working on a water fountain with Compliance Officer Palumbo and stated that they don't do snow removal.

Flannigan asked if this is to be used for people or equipment; satellite dish. Conine stated that it will extend the patio around; it is not to drive vehicles in and they no longer have a satellite dish.

M. Connor stated that he is concerned with debris from the deck entering the river. Wassmer stated that it will extend to the edge or the gabions. It will be a 2% slope, about 2' taller. He suggested a 2" curb with drain holes to prevent cigarette butts, etc. from entering the river.

DeFlumeri asked if this would have any effect on the work the City just did. Wassmer stated that this project will have no impact on the City's recent dredging project.

Buchok clarified that the purpose of the patio is for patrons to congregate. Conine confirmed this.

No Action Taken.

E. Old Business

- 1. IW-A-18-40: 31-33 Pearl Street, Patrick Tarantino** – proposed construction of a 28' x 50' single family residence on each of the 50' x 100' parcels with construction and grading in and within 100' of a wetland or watercourse in the South Central Watershed.

MaryRose reported that this is a proposal by Pat Tarantino for construction of two single family homes on two lots with construction and grading within 100' of a wetland in the South Central Shoreline Watershed. This proposal is for construction and grading on two fairly level lots that are surrounded by other lots in the area of Silver Sands State Park. On #31 Mr. Tarantino is proposing the house 19.5' from the wetland line with the deck 10.5' and the stairs 8' away from the wetlands on the SE corner of the lot. On #33 they are proposing the house deck and stairs 8 to 8.1' away from the wetland along the north western property line. The applicant has designed and proposed the houses with rear decks and stairs for access and rain barrels for stormwater compliance. The Agency walked the sites on 11/19.

This application was sent to the City Engineer for review. In his 11/30/18 memo The City Engineer requested that the rain barrels installed are designed for that purpose and that the builder provides the owner of the property operational and maintenance instructions for the rain barrels.

DeFlumeri stated that the land itself is very muddy and asked if this was due to recent rains or something else. MaryRose stated that there was a 4' higher tide and after a heavy rain. The site is at elevation 3 and the mean high water is 5.7. This is a low area and gets wet after rain.

M. Connors stated that this house was destroyed by a storm and asked if this was taken into account. MaryRose stated that the site conditions were also due to the house being removed. The construction must comply with FEMA standards; which is why the houses are elevated – 2' above flood elevation. This is a new rule as of last month.

Buchok asked about the stairs and it was clarified on the plans the stairs exit away from the wetlands. MaryRose stated that the applicant did not want to install a split rail fence due to potential storm damage. The applicant suggested boulders.

The following motion was made by Buchok and seconded by M. Connors:

I move to approve application IW-A-18-40 31-33 Pearl Street based on the plans entitled *"Site Plan prepared for Pat Tarantino of parcels know as No. 31 & 33 Pearl Street being parcels designated as Tax Map 22 Block 459 Lot 27 & 27A situated in the City of Milford, County of New Haven State of Connecticut"* by Flanagan's Surveying & Mapping, 2 sheets dated 3/25/18 revised 9/07/18, 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:

- 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.
- Compliance with the City Engineers memo dated 11/30/18.
- A \$6,550.00 permit construction bond must be posted with the MIWA for S&E controls, wetland boundary markers and an asbuilt showing finished 2' contours, rail barrels 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.
- Boulders will be placed around the wetlands on each lot with wetland markers.
- The permit is issued 12/05/18 expires 12/05/23 unless otherwise provided by Statute.

The motion carried unanimously.

E. Minutes

A motion was made by DeFlumeri, seconded by Buchok to accept the minutes of the 10/03/18 regular meeting as presented. The motion carried unanimously.

F. Staff Report

Site Status:

- 33 Schoolhouse Rd - Original Ecosystems is doing the invasive management and basin plantings and monitoring for the site.
- Welch's Point Rd Pump Station is ongoing. The contract end date for the work is 12/22/18.
- Rock Lane Pump Station is ongoing. The contract end date for the work is 12/22/18.
- Forest Rd – nearing completion, waiting on plantings and asbuilt.

- Great River Golf Course – waiting to receive the revised mitigation plan for planting.
- 0 Tanglewood Circle – nearing completion; waiting on asbuilts.
- 24 Cooper Ave – no change at this time.
- 74 Surf Av – ongoing.
- Ford St./Bailey Lane – ongoing.
- Wheelers Woods – ongoing.

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

G. Chair's Report

The next Regular meeting will be in Conference Room B on December 19, 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 9:25 p.m. was made by DeFlumeri and seconded by Buchok. The motion carried unanimously.

Respectfully submitted,

Lisa Streit

These minutes have not been accepted or approved.