

**A. Roll Call**

Present: Brendan Magnan, Ranjit Bhave, Jim Connors, Ken Cowden, Dave DeFlumeri, Carol Dunn, Lilly Flannigan and Steve Munson.

Absent: Daniel Bedeker and Matthew Connors.

Also Present: MaryRose Palumbo and Lisa Streit

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

**B. Pledge**

All stood for the Pledge of Allegiance.

**C. Public Comments**

None.

**D. New Business**

- 1. IW-A-19-040: 1125 Oronoque Road, Davis Holding Co.** – proposed redevelopment of sand and gravel pit to a manufacturing facility with construction, grading and drainage within 100' of a wetland or watercourse in the Housatonic River Watershed.

MaryRose reported that this is a proposal by Urban Mining CT, LLC to construct a manufacturing facility that processes recycled glass for use as a concrete additive. The site is currently a sand and gravel operation on Oronoque Rd. This is a proposal to use a portion of that property. She has met with the applicant and their consultants several times to review the proposal. The majority of the site work is greater than 100' from the wetland lines. There is work proposed within 3' of the pond for the stormwater discharge scour pad. This evening Ted Hart from Milone & MacBroom and Pat Grasso from Urban Mining are here to present the proposal.

Ted Hart, Professional Engineer, of Milone & MacBroom, 99 Realty Drive, Cheshire CT, representing the applicant, oriented the Agency to an aerial photo of the Beard Sand and Gravel property. He noted the lease line for the Pozzotive Plant. This is a process that takes recycled bottles and turns them into an additive for concrete. All production occurs inside of the building.

Hart identified the existing settling pond on the aerial photo. They will be using a 6.8 acres lease area for a 65,000 sq. ft. building. Speaking to sheet LA he showed the lease line and the proposed improvements. Some of the work shown is future improvements but wanted the Agency to know the possible full extent of the proposal. They are proposing a new access road off of Oronoque Road, parking and green landscaped area, all runoff to sheet flow away from the building to swales / catch basins. A lot of the run off will infiltrate into the very porous sand and gravel; otherwise it will go through an oil and water separator and then into a settling basin which can hold twice the 100 year storm rate of runoff.

Hart spoke to the plan; a gray shaded line and 100' Upland Review Area is dark brown. The URA has a total disturbance of .14 acres and no disturbance in the actual wetlands. There are no direct wetland impacts proposed in the Upland Review Area. The only impact is for the drainage outfall.

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Alternatives they considered were leasing different locations on the site, but they were unable to move the proposed building due to leases on the property by Suzio Concrete and others.

Suzio is a contractor that has rights and is using a portion of the 75 acres owned by Davis Holding. Other companies with leases on the property are Cherry Hill Construction, and O & G. Other uses are the Milford Police Department uses an area for shooting and there is a water intake area for the Milford Power Plant. Hart stated that they chose this area as it is away from the wetlands and the area is already disturbed. They did consider a smaller building but the applicant needs this size for their proposal.

There is low potential for wetland impact from materials coming out of the building. There is no water use, no exterior processing, all stormwater runoff is to a treatment of swales, with infiltration, catch basins to a hydrodynamic separator to the discharge pipe to rip rap to the existing sedimentation basin. All of the water is pre-treated before entering the sedimentation basin.

Pat Grasso, Urban Mining, explained their process and product. The process uses glass bottles that are currently going into landfills. They take the bottles in a dry cleaning process to remove any paper or metal. They then go through a grinding process, making a very fine powder. This product replaces up to 40% of cement. This reduces the carbon footprint of cement and solves the major problem of glass disposal in the Northeast. Pozzotite replaces concrete additives like pozzolanic slag or ash which is currently being trucked in and is in short supply. This product solves several problems in the concrete industry and reduces the carbon footprint. This is a dry process of cleaning and milling with no chemicals.

Munson asked if the glass changes the life of the concrete and if there is anything coming out of the plant. Grasso stated that it reduces the issue with salt corroding concrete. Hart stated that there will be trucks coming into the plant with glass and leaving with the product.

Flanagan questioned if the only runoff is from the roof and pavement. Hart confirmed this.

Bhave noted that there is only stormwater from roof and pavement but they have proposed a 36" discharge pipe, which seems like over design. Hart stated that usually the last pipe is at a flat slope so therefore they make it a larger pipe to reduce the velocity. Speaking to Sheet UT he noted that they have ringed the site with catch basins and swales to pick up all of the flow. The pipes are at 0.5-0.7% slope to slow velocity. They upsize the pipes due to the flat slope so there wouldn't be erosion at the point of discharge. Bhave said that it seems too big but certainly has enough capacity. He asked how often the hydrodynamic separator will be cleaned. He also questioned if an 8' drop of water at 55cfs is a concern with erosion on the discharge. Hart stated that the maintenance schedule is usually on the front sheet but appears to have been submitted on a separate sheet. He said that they will include the maintenance schedule on the front sheet. He said that due to the 8' drop they added the rip rap on the outfall. He said they thought it was sufficient but could extend the rip rap further on the outfall if the Agency would like.

Magnan asked about the stormwater treatment plan in relation to the driveway and why the driveway was located on that side of the site. Hart stated that there is a significant drop in the elevation from the road at 42' and the plant at 24'. The building was placed due to other lease agreements in place on the property by others. Due to the anticipated truck traffic they wanted to keep the road at a 6% grade.

Connors stated that looking at the plan he understands the site constraints and placement of building and driveway.

DeFlumeri questioned that since the process ends with a powdery substance, are there dust release concerns. Grasso stated that they are highly regulated by DEEP Air Management. The intent is for no discharge or loss of product. DEEP has been very supportive, but highly regulatory.

Magnan asked what the course of action would be if there was a catastrophic event what would be a risk to the wetlands. Grasso stated that the product is not flammable, so he sees no issues with a potential fire. Hart noted that they have proposed the site surrounded by swales. Any water from a fire would go into swales/catch basins then hydrodynamic separators.

Bhave stated that all that is shown in the outfall protection is the scour pad and questioned how the north corner of the site will deal with water going down the grading slope towards the wetland. Hart stated that they could put a curb around that area, but there is a swale along the driveway to catch any runoff. He stated that in his professional opinion the swales address the potential runoff. Due to the high permeability of the soil there will be little runoff. Their Soil Scientist has suggested they keep the catch basin tops slightly high to allow for infiltration. Bhave stated that there is a 1.5:1 slope proposed from the development to Oronoque Road and questioned how this will be treated. Hart stated that the 1.5:1 slope will have rip rap for that slope and seeding and plantings on sheet LA.

Magnan asked if the agency had any additional questions or would they like a site walk. He stated that for the next meeting the Agency would like to know how potential fire could impact the wetlands and a list of why alternatives were ruled out.

This application 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

A motion was made by DeFlumeri, seconded by Bhave to hold a site walk for application IW-A-19-040: 1125 Oronoque Rd, on 6/19/19 at 6:00 p.m. The motion carried unanimously.

**2. Violation IW-V-19-037: 40 Little Pond Road, Michael & Samantha Parillo – clearing, filling, grading and placement of material and debris in and within 100' of a wetland in the South Central Shoreline Watershed without a permit.**

MaryRose reported that this is a violation issued 5/29/19 to the property owners of 40 Little Pond Road, Michael & Samantha Parillo. Based on several complaints, she visited the site on 5/20/19. Her field report and photos were in your mail and email packets. It appears that work in the rear yard including clearing of vegetation and filling / grading of the rear yard was done within the upland review area without a permit.

MaryRose signed off on an in-ground pool permit for the Parillo's on 11/6/18 but was assured that no filling or grading were proposed in the upland review area. She reminded the permittee that there

was an inland wetland upland review area and a flood zone on the property and that they would need additional permits if they proposed to do work in those areas. As always, she required that proper sedimentation and erosion controls be used until the site was stabilized.

When she visited the site on 5/20/19, she found trees removed and grading within the upland review area. The slope has not been fully stabilized and she noted erosion in the area. There is a pile of yard waste and debris adjacent to this work that appears to have been dumped recently.

Mike Parillo, 40 Little Pond Rd., stated that he filed an application for their in-ground pool and chose the location closest to the house as they have 3 front yards with 25' setback. They did come into IWA/PZ/Building for permits. Fairfield pool used an excavator to lift and install the fiberglass pool. The equipment they used to install the pool dug up the paper portion of Terrace Road and their yard. The dirt taken out of the pool was spread around the pool and used to flatten the area. They installed topsoil to flatten the yard /loam and seed and fix the portion of Terrace Road where the excavator had dug it up. There were three (3) trees he complained to Public Works about. One tree was hanging over the property above the play set. He had someone come and remove the two trees to the rear due to the wet windy winter one fell on the other. There is an area to the side of his property that neighbors dump their tree limbs and debris.

Magnan questioned when he made changes to the plan that was approved if he came back to the IWA. Parillo stated that he did not come back to the IWA to change the permit to include the grading. A discussion followed regarding erosion and discharge pipe; it is a low spot that collects water and if plantings would be appropriated. Parillo stated that he would like plantings there to eliminate the water and mosquitoes. MaryRose recommended that the Agency uphold the violation and take no further action until she could check on the tree removal by DPW.

As this is a violation received at this meeting, this evening the Agency can:

- Ask questions
- Uphold the violation
- Uphold the and modify the violation
- Release the violation

A motion was made by Connors, seconded by DeFlumeri to uphold the cease and desist order and gather more facts for the next meeting. The motion carried unanimously.

## **E. Old Business**

- 1. IW-V-19-028: 5 -21 Pond Point Avenue, MJ Properties** – Material and debris in and within 100' of a wetland in the Indian River Watershed without a permit.

MaryRose reported that this is a violation issued on 4/26/19 to the property owner at 5-21 Pond Point Avenue for miscellaneous debris and materials dumped in the rear of the building that are in and adjacent to the wetlands and the Indian River marsh.. She met with the Property Manager on 5/20/19 and explained that the Agency had upheld the order on 5/19 and that the property owner was required to submit: an A-2 survey with T-2 accuracy showing the wetlands lines as delineated by a professional wetland scientist, the property boundaries, site structures and approximate location of debris field and a soil report by a professional wetland scientist were due by 6/12/19. By 6/30/19 they were to submit an approach and timeline for material and debris removal and restoration work in the disturbed area.

She spoke with Eddie Colon, Jr. this week and they have removed a portion of the debris, cleaned up the rear of the building and have a plan to remove the remainder of the debris. She visited the site today and the areas closest to the building had been cleaned up.

They are having an issue doing the survey and soils report due to the expense. Mr. Colon said that he would email her with a potential timeline to complete the survey and soil report. She recommended that the Agency extend the timeline for the survey and soil report to 9/4/19 as the property owner and manager have been working to clean up the site.

Connors and Cowden agreed that removing the debris is a large step and would like to see that the debris be removed

This evening the Agency can:

- Ask questions
- Modify the violation
- Release the violation

A motion was made by Connors, seconded by DeFlumeri that cease and desist order IW-V-19-028: 5-21 Pond Point Ave, be modified to require the property owner to remove the material and debris and stabilize the site by 7/17/19 and to submit the remediation plan required at the 5/1/19 meeting by licensed and certified professionals for the site by 9/4/19. The motion carried unanimously.

#### **E. Minutes**

A motion was made by Munson, seconded by Connors to accept the minutes of the regular meeting on 05/01/19 as presented. The motion carried with Cowden and Dunn abstaining.

#### **F. Staff Report**

The Office has been quite busy with inquiries and meetings for potential applications. She is still dealing with a number of flooding and drainage complaints. MaryRose has been working with DPW and Engineering to resolve these issues.

- There will be a final meeting next Wednesday on Welches Point.
- Wheeler's Farm Road – MaryRose walked the site; the center area is stabilized, the first building is partially up, the site is curbed, rimmed and the silt fence is in.
- Cowden asked about the Golf Course. MaryRose stated that there have been changes in owners and Engineers and this has created some delays. There was a discussion on plantings and phragmites and this site has been an issue for a long time.
- There was an issue on the North Street Pond regarding work without a permit. The IWA advised MaryRose to speak with the Mayor's Office regarding this.
- There are several outstanding issues/projects that have been lengthy and need to be resolved. MaryRose will follow up with these over the summer months for resolution and issuance of Cease and Desist if necessary.

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

**G. Chair's Report**

There next meeting will be a Regular meeting in Conference Room B on June 19, 2019; a site walk at 6:00 p.m. at 1125 Oronoque Road.

Magnan asked that commissioners focus on wetlands impacts, direct question based on what impact the proposal will have on the inland wetlands and watercourses.

Please let the office know if you cannot 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 8:50 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.