

**Note: These Minutes are subject to approval at next Agency Regular Meeting.**

**Chester Inland Wetlands & Watercourses Agency  
Regular Meeting, January 5, 2015  
Page 1 of 5**

**1. Call to Order**

The Chester Inland Wetlands & Watercourses Agency held its regular meeting on Monday, January 5, 2015, at the Chester Town Hall, 203 Middlesex Avenue, Chester, Connecticut. In attendance were Al Bisacky, Sally Sanders, Kim Senay, Christine Darnell and Eric Davison. Chairman Bisacky called the meeting to order at 7:00 PM.

**2. Minutes - December 1, 2014 Regular Meeting Minutes**

**Motion by Sanders, second by Darnell, to approve December 1, 2014 Minutes amended as follows -**

**Page 1, correct start time from 7:30 to 7:00 PM.**

**Page 2, 3<sup>rd</sup> paragraph, 2<sup>nd</sup> sentence should read, "It was the report's conclusion there was no significant impact to the wetlands on the property."**

**Page 3, 2<sup>nd</sup> paragraph, 3<sup>rd</sup> sentence should read, "Roger indicated the notes will say that the rain garden would be the last thing built, however, the hole can be excavated during the first stage so it can be used as a sediment basin." Unanimously approved. Motion Carried.**

**3. Audience of Citizens - none.**

**4. Application #14-11 - Motley/Royster, Cedar Lake Road, Map 7, Lot 111, construct single family residence, driveway wetlands crossing and supporting utilities**

Chairman Bisacky noted last month there were a couple changes discussed. Roger Nemergut submitted revised plans dated 12/23/14 which he felt addressed comments from the last meeting. Roger noted he had a certification letter from Rich Snarski indicating he had reviewed the plans.

Roger reviewed narrowing the crossing and shortening the culvert. He indicated they went to a 1 on 1 slope enabling them to reduce the footprint of the crossing. They are using an 18" pipe, 40' long with modified riprap on the slope.

Roger reviewed the swale in the back yard which diverts run off. Sally Sanders asked if blasting would be required. Roger

**Note: These Minutes are subject to approval at next Agency Regular Meeting.**

**Chester Inland Wetlands & Watercourses Agency  
Regular Meeting, January 5, 2015  
Page 2 of 5**

responded no. He reviewed the detail covering the swale. There was also discussion regarding ledge and test holes.

Roger noted he consulted with Rich Snarski who recommended a wetland meadow in the crossing area. It is 1600 feet in area with 1 ½ to 1 mitigation. No trees will be cut and there is minimal disturbance. Procedural specs were reviewed and will be conducted under Mr. Snarski's supervision for a 2 year monitoring period, program remediation and removal of any invasives. Mr. Snarski had also submitted a planting plan for the rain gardens.

Roger reviewed surface flow noting composite silt fence has been added along with hay bales. He noted runoff will be collected in the swale and go into the rain garden that is protected with staked hay bales every 50 feet.

Roger noted the northern rain garden has been rotated to run east/west. A note was added to the plan that the northern rain garden initially would be constructed to serve as the temporary sediment basin. After construction is complete, the depth would be reduced. This is called out in the sequence of construction. Run off from the roof will be collected in piping and directed to an underground infiltration system. Roger reviewed the detail and computations.

The disturbed area that feeds the basin/rain garden was reviewed. Computations for siltation were done on a one month interval. Inspections will be done after every storm event and cleaned out when they reach a point of 12" of silt. They have tried to keep the rain gardens the same size.

Time line was reviewed. Fill material will be used in the driveway and excess will be taken off site. This work would be done April/May. The crossing will be done late June July or early September.

Sally asked if trees would have to be removed for the rain garden by the road. If so, can it go to the other side where

**Note: These Minutes are subject to approval at next Agency Regular Meeting.**

**Chester Inland Wetlands & Watercourses Agency  
Regular Meeting, January 5, 2015  
Page 3 of 5**

no trees would be taken down. Roger noted this was a lower grade. There is a 2 foot differential. He reviewed the pitch of the driveway. Possibly this could be reconfigured if some trees could be saved.

Eric Davison noted he looked at the site today and has a better comfort level with the crossing. He felt this was a very defined channel and asked Roger if he was comfortable with the 18" culvert. Roger explained the computations and noted he was comfortable with this.

Eric asked if plantings were still proposed. Roger replied no as they were deemed to not be adequate at the last meeting. There was further discussion regarding plantings.

Eric noted he was concerned about excavating in April/May. He felt August might be a better time to open it up. Roger noted that was the time line established by Mr. Snarski. He felt if done that time of year it would be self watering and have a better chance of survival. Eric asked if erosion controls would be necessary. Roger noted he asked Snarski why he chose that particular location. Snarski had noted he had a concern with the tree canopy.

Eric noted he would be comfortable with a 3 year monitoring program as that's why the Agency normally requires. He felt all the Agency comments had been addressed. It was noted this will also come back before the Agency when the lot is sold and someone wants to build on it. Roger noted a new owner would probably come in with a new house proposal but the septic is locked in. It was noted the driveway would be paved.

Chairman Bisacky asked if any calcs had been done on infiltration rate and water quality volume. Roger noted the roof goes into the infiltrators and the driveway into the rain gardens. Bisacky noted that was an appropriate design standard. He also noted if this isn't built according to the design, a Certificate of Occupancy would not be issued.

**Note: These Minutes are subject to approval at next Agency Regular Meeting.**

**Chester Inland Wetlands & Watercourses Agency  
Regular Meeting, January 5, 2015  
Page 4 of 5**

Sally felt this was one of the pristine lots that shouldn't be touched. Chairman Bisacky noted it is a building lot. Eric noted he sees Sally's concern but with constraints also sees a buildable terrace.

Chairman Bisacky noted he would like to see the dates of disturbance for the mitigation area tightened up. The crossing, the excavation for the mitigation area and the rain gardens should be done during the dry period. The dates for seeding and excavation should be clarified and erosion control should be looked at. It was also felt the 3 year monitoring was appropriate.

There was further discussion regarding culvert elevation. Roger was asked to take a look at the flow thru the culvert, head water depth and whether a larger culvert would be necessary. There was discussion regarding impact on animal and fish life at the culvert. Bisacky noted Roger should look at the flow and culvert size for reasonable head water depth and an open 3 sided culvert. It should be sized for full flow. Bisacky also noted using a 10 year storm is appropriate for a driveway as long as it doesn't endanger the road.

Roger agreed to look at this possibly using a 25 year storm and increasing the size of the pipe. He indicated the flows are based on after development in impervious areas.

Chairman Bisacky noted he would like to see actual dates for construction on the crossing, mitigation area and 2 lower sedimentation area/rain gardens. There should also be a wood chip berm between the mitigation area and the wetlands.

This application was tabled until next month.

5. Application #14-12 - Nucci, 35 Airport Industrial Park Road, construct 100' x 70' building  
Sally Sanders indicated Ms. Sweeney left a note saying this could not be issued until the bond was set up. It was noted last month the applicant was instructed to incorporate the

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**Chester Inland Wetlands & Watercourses Agency  
Regular Meeting, January 5, 2015  
Page 5 of 5**

plantings on his site plan from the prior plan. This has not been done yet.

**Motion by Bisacky, second by Davison, to table Application #14-12 Nucci for lack of new information. Unanimously approved. Motion Carried.**

6. Continued Show Cause Hearing - DePatie, 42 Ferry Road - Notice of Violation, Disturbance in the Wetlands  
Nothing further at this time. Last month it was decided to leave the Order as is until after the Spring.

7. Continued Show Cause Hearing - 46 Deep Hollow LLC, 46 Deep Hollow Road - unpermitted regulated activity  
Nothing further at this time. A site walk will be scheduled in the Spring and appropriate action taken at that time, if necessary. The report from Rich Snarski was distributed.

8. Regulations and Map Modifications  
Workshop meeting was scheduled for January 20<sup>th</sup>.

9. Wetland Compliance Officer's Report - none.

10. Correspondence - none.

11. Receipt of Applications After Posting of Agenda - none.

12. Any Other Business

As some members had conflicts with February and March meeting dates, it was decided to put Applications #14-11 and 14-12 on the Special Meeting Agenda for January 20<sup>th</sup>.

13. Adjournment

**Motion by Davison, second by Darnell, to adjourn. Unanimously approved. Motion Carried.**

Respectfully submitted,



Judith R. Brown,  
Recording Secretary