

Minutes
**CONSERVATION COMMISSION/
INLAND WETLANDS AGENCY
WATERTOWN, CONNECTICUT**

REGULAR MEETING

Time: 7:30 P.M.

Date: Thursday, April 16, 2009

Place: Watertown High School Technology Center
324 French Street
Watertown, CT

1. Call Meeting to Order

The Chairman called to order the Regular Meeting at 8:58:18 PM.

2. Roll Call

Vice Chairman, Mr. Donato Orsini executed the roll call.

Present: Chairman, Mr. Edwin Undercuffler
Vice Chairman, Mr. Donato Orsini
Mr. Michael Genovese
Mr. Joseph Polletta
Alternate, Ms. Denise Russ

Absent: Secretary, Mr. Thomas Murphy
Alternate, Mr. Michael Brown
Ms. Martha Sturgis

Also Present: Wetlands Enforcement Officer, Mr. Moosa Rafey
Town Engineer, Mr. Chuck Berger
Land Use Secretary, Mr. Chuck Bezio

The Chairman seated Ms. Denise Russ for absent member Ms. Martha Sturgis

3. Public Participation

John Daddona of Riverside Street was present and requested that the Commission to add his application to the agenda.

Mr. Rafey advised the Commission that Mr. Daddona has submitted his application yesterday and I requested he petition the Commission to be added to the agenda to be received tonight. Mr. Rafey advised the Commission that this application is for construction of an addition to an existing building at 720 Thomaston Road.

MOTION: Mr. Joseph Polletta moved to add application # 667 to agenda as item 6A.

SECOND: Alternate, Ms. Denise Russ.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

4. Action on Minutes

- A. Public Hearing March 12, 2009 Proposed Amendments to Wetlands Regulations**
- B. Regular Meeting March 12, 2009**

MOTION: Alternate, Ms. Denise Russ moved to approve.

SECOND: Mr. Michael Genovese.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

5. Pending Applications

- A. Application #664 of 741 Echo Lake Road, LLC for construction of 61 condominium units and approximately 2,045 linear foot new private roadway on the Northwest corner of Echo Lake Road and Buckingham Street, Watertown, CT.**

If a public hearing is not held then a decision is required by May 15, 2009.

Zackary Lasara from Civil 1 was present and reviewed the changes made to the plans to address Town Engineers Chuck Berger's and The Northwest Conservation District comments.

Letter dated 03/27/09 from Civil 1

March 27, 2009

Mr. Moosa Rafey
Wetlands Enforcement Officer
Town of Watertown
51 Depot Square Business Center
Suite 502
Watertown, CT 06795

Re: 741 Echo Lake Road Watertown, CT

Dear Mr. Rafey:

We have received a comment review letter prepared by Chuck Berger, Town Engineer, dated February 10, 2009 for the above mentioned condominium development. This letter is our response to Mr. Berger's review. We will address the comments from his letter and also summarize the modifications that have been made to the site plans based upon his recommendations. Plans with a revision date of March 27, 2009 along with a Hydrology and Hydraulic Calculations Addendum date March 27, 2009 are also being submitted along with this letter.

Water Quality Volume

- CI: "The forebays should be designed to store 10% of the WQV and sized configured to minimize the re-suspension of any accumulated sediments. Calculations should be provided demonstrating the design meets the 10% criteria and minimizes the re-suspension of sediments."
- RI: The forebays have been redesigned to provide pre-treatment and storage for more than 10% of the WQV(15.2% for Basin "A" and 17.5% for Basin "B". Forebays are designed with 4:1 side slopes, have a submerged depth of 3.5' below the typical water level and a riprap overflow structure to minimize the re-suspension of sediments. The WQV calculations have been updated to show the volume of pretreatment and storage provided by the forebay and the remainder of the WQV in the micropool areas.

- C2: "The design details should be provide of how the forebay is separated from the remainder of the wet pond, and how storm water flows from the forebay to the wet pond. An outlet or overflow structure should be provided including design details."
- R2: Overflow structures have been added to the forebays. Details of how the forebay is separated from the micropool and a detail of the forebay overflow structure have been added to Sheet 20 of the plan set.
- CS: "Areas draining to Basin A and BI are 1.24 acres and 1.35 acres respectively. If groundwater is not intercepted, the drainage areas would indicate the WQV may not be stored but will be infiltrated. The location of groundwater should be determined in these areas and depending on the results, either a pond liner should be provided or re-design the facilities to be infiltration basins."
- R3: We have performed additional field testing to determine the location of groundwater in the areas where Basins 'A' and "81 are to be constructed. The results show that area "A" has groundwater at approximately 1.7' below existing grade and "81" has groundwater at approximately 1.0' below existing grade. With excavation depths greater than 10' in both basins they will remain wet throughout the dry season and therefore a liner is not going to be required.
- C4: "The aquatic bench as currently proposed also serves as the separating structure between the forebay and the wet pond and does not appear to be in conformance with the WQM (12 to 18 inches deep around the perimeter of the wet pond). The areas around the perimeter of the wet pond between 0 and 18 inches deep should be designed to function as an aquatic bench. The separating structure between the forebay and the wet pond can also function as a portion of an aquatic bench but it should also incorporate a stable overflow structure."
- R4: The aquatic bench no longer serves as the separating structure between the forebay and the wet pond. A formal overflow structure with an earthen embankment and riprap channel have been provided to form the stable overflow structure necessary to convey the stormwater from the forebay to the wet pond.
- CS: "The WQM (page 11-P 1-9) provides the following recommendations for Pond Benches: "For pond side slopes steeper than 4:1, provide a flat safety bench that extends 10 feet outward from the normal water edge to the toe of the pond side slope" and "Incorporate a flat aqua tic bench that extends 10 feet inward from the normal shoreline at a depth of 12-1.6 inches below the normal pool water surface elevation." The issues raised in item #4 above and in this item should be reviewed and incorporated in the design as appropriate."

- R5: We have provided 4:1 slopes inside the basins under the water elevation. This creates a relatively flat bench varying from 0-2' deep within 8' of the edge of the pool. This provides a safety bench around the outer edge of the pool and is in keeping with the intent of the recommendation.
- C6: "Additional details of the proposed outlet structures should be provided. Consideration should be given to locating the structures in the embankment portions of the basins with the 4 inch orifice being extended with a pipe to the pool or redesign of the foundation structures to be located below the elevation of the bottom of the pond."
- R6: Additional details have been added on Sheet 19 of the plan set showing a 42" foundation structure below the base of the outlet structure. This will set the bottom of the structure below the typical bottom of pond elevation.

Ground Water Recharge Volume

- C1: "Infiltration calculations in accordance with the WQM should be provided that demonstrates that a minimum draining time of 12 hours is provided and that the basins will completely drain the WQV in 48 to 72 hours after the storm event."
- RI: We have included infiltration calculations in the revised Engineering Report and Hydrology and Hydraulic Calculations. This shows a draining time for 5.32 hours for Basin "B2" and 12.82 hours for Basin "C". Basin "B2" has a shorter draining time due to the fact that it is only 1' deep and only treats a small portion of roadway (approximately 150 feet). A quicker draining time for such a small basin will still provide adequate renovation of stormwater.
- C2: "2:1 side slopes are proposed, 3:1 side slopes should be provided."
- R2: We have revised the grading of all basins to maintain 3:1 side slopes per the recommendation.
- C3: "A minimum distance of 36 inches between the proposed bottom of the basin and observed mottling needs to be provided."
- R3: Based upon previous discussions with Mr. Berger and in accordance with other generally accepted literature on infiltration practices (i.e. Prince Georges County Bioretention Manual) we have held a minimum of 24" to mottling on the uphill sides of the infiltration basins and greater than 48" on the downhill side of the basins so that the average depth to mottling is greater than 36" in both basins B2 and C.

- C4: "Pretreatment is required for infiltration rates greater than 3" per hour and should pre-treat 25% of WQV. Area C has a forebay. Area 82 does not. If an infiltration rate greater than 3" per hour is utilized, supporting calculations that demonstrate that the forebay in Area C will pre-treat 25% of the WQV and pretreatment measures should be incorporated in Area B and provided for review."
- R4: Infiltration rates for both basins have been included in infiltration calculations in the revised Hydrology and Hydraulic Calculations Addendum. They are both slower than 3" per hour, therefore pre-treatment is not required.
- C5: "The proposed basins should be sized for WQV plus precipitation that falls during the WQV storm. Calculations should be provided that includes the precipitation and increased volume of storage provided as necessary."
- R5: We have included the precipitation that falls into the basins in our WQV calculations and we still exceed the required WQV for all four renovation areas.
- C6: "A detailed sequence of construction should be developed at Area C specifying how is the fill slope and basin berm going to be constructed without compacting bottom of basin? The details of separating the basin berm from the bottom of the basin should also be provided as well as material specifications as the basin is proposed on fill."
- R6: We have added more detail to the cross section area B2 and C" showing separation of materials for the basin bottom vs. the basin berm. We will also be providing a report from a geotechnical engineer which will include a construction sequence for the berms per the recommendation.
- C7: "In accordance with a previous recommendation, the top width and side slopes of all constructed berms should be 10 feet and 3h to 1v respectively, as a minimum, for privately owned structures."
- R7: Based upon previous discussions with Mr. Berger we have held a minimum of 10 wide berms on the stormwater ponds (A & BI) and 6' wide berms on the rain gardens (B2 and C). All basins now have 3:1 grading per the recommendation.
- C8: "The status of DEP Dam Safety Permit review for each of the proposed berms should be provided."
- R8: We have contacted the CT DEP and submitted the plans for a Dam Safety Permit determination but have not received a determination as of yet. We will meet any and all requirements of the DEP and will ensure that any modifications to the plans are also submitted to the Town Engineer for review.

- C9: "The temporary sediment traps during construction should be removed from Area C and 82 and relocated and dispersed throughout the site. The locations and design should be incorporated on the erosion control plans, included in the construction phasing and be designed in accordance with Chapter 5, Section II of the 2002 Connecticut Guide fines for Soil Erosion and Sediment Control."
- R9: The temporary sediment traps have been removed from areas "C" and "B2" in accordance with the recommendation. The traps have been sized in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control

Stream Channel Protection

Based upon previous correspondence with the Watertown CCIWA and the Town Engineer it has been determined that the Stream Channel Protection criterion do not apply to this site. This is due to the characteristics of the downstream discharge area, the projects' location in the watershed and the relatively small size of the drainage area of the project when compared to the overall watershed.

Steep Slopes

- CI: "The 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (page 5-2-7) states the following Reverse benches are required whenever the vertical height of any slope steeper than 3:1 exceeds 15 feet except when engineered slope stabilization measures are included in the slope and/or a detailed soil mechanics analysis calculation has confirmed an acceptable factor of safety exists for the finished slope." In addition to the permanent turf reinforcement mat proposed by the applicant, a geotechnical engineer should be required to oversee the construction of the slopes and certify as to their stability once constructed. It is further recommended that stone stabilization be considered for the sections steeper than 2h to 1v and that drainage swales located at the, top and bottom of the slopes be designed as curtain drains with collector pipes located in the bottom of the trenches to also collect and safely discharge both surface and groundwater. The discharges should be incorporated into the design of the stormwater management system as appropriate."
- RI: A note has been added to the Erosion Control Narrative on Sheet 21 of the plan set indicating that a geotechnical engineer is required to oversee the construction of the slopes and certify as to their stability once constructed. Slope protection on slopes steeper than 2:1 has been changed from double net straw turf reinforcement blanket to a modified riprap stone stabilization. Swales located above and below these slopes have been designed with collector pipes located at the bottom of the swale to collect groundwater and surface water runoff.

These swales have been incorporated into the storm drainage system in the street or day lighted to a level spreader as appropriate.

NCD Sediment and Erosion Control Comments

- CI: “The following sentences should be added to Design Sheet 14: “Herbicide will be applied using the spot application method where an invasive is sheared at its base and an herbicide is applied directly to the exposed stump. Any other method can be approved by the project wetland scientist” All herbicide applications shall be performed by a registered applicator.”
- RI: The note has been added to Sheet 14 of the plan set.
- C2: “The details of the mitigation plan that are found on Page #5 of the Civil 1 report to the Commission dated October 8, 2008 should be incorporated on the plans. Bullet #2- #7 should be placed on Design Sheet 14 of the design sheet packet as the detail for what should occur in each of the mitigation areas. Bullet #1 should be removed from the Mitigation detail list and placed with the storm water renovation area detail”
- R2: The details of the mitigation plan and stormwater renovation plan from Page #5 of the above mentioned report have been added to Sheet #14 of the plan set per the recommendation.
- C3: “Additional Erosion Control Measures should be incorporated at the bottom of the fill slope located between units #1 through #10 and Echo Lake Road.”
- R3: Staked hay bales have been added below the fill slope near Units #1-10 in accordance with the recommendation.
- C4: “The feasibility of constructing an alternative access (hammerhead turnaround) should be considered in lieu of the proposed cul-de-sac serving units 55 — 61 in order to lessen the impervious surfaces and provide area for additional storm water treatment”
- R4: A hammerhead turnaround has been designed in lieu of the cul-de-sac to serve units 55 —61. The decreased area utilized by the hammerhead design has permitted an increase in the size of Stormwater Renovation Area A to include three cells; a forebay and two pocket pools. It also allowed a grass-lined drainage swale to be incorporated to for additional renovation of stormwater from the proposed roadway.

Other Comments

- CI: "The applicant is proposing 22 foot wide roads with no sidewalks. A prior recommendation was to go to Planning and Zoning on a preliminary basis to determine if this will be acceptable. This has not been done. Any changes to road width or the requirement for sidewalks will significantly impact the project and significantly change the wetland impacts."
- RI: The plans have been revised to show 24' wide roads with no sidewalks. Due to the layout of the development with driveways lining both sides of the road we feel that sidewalks are of little benefit to this development. If Planning and Zoning determine that sidewalks are required then updated drainage calculations will be provided. This would not have a significant impact to the drainage system as at most it would only add another 0.15 acres of impervious surface to the entire project.
- C2: 'A previous comment suggested that the feasibility of constructing Road B on a portion of Town owned property should be confirmed, I do not believe any contact has been made with the Department of Public Works.'
- R2: We will be taking the appropriate measures to ask that this section of Town right of way be abandoned and deeded back into the project property.

Respectfully Submitted,
CIVIL I
Curtis Jones, P.E.
President
Enclosure
Cc: Mr. George Norman

The Chairman read the memo from Chuck Berger into the record.

To: Moosa Rafey, Assistant Zoning Enforcement Officer
From: Charles E. Berger Jr., Town Engineer
Date: April 15, 2009
Subject: 741 Echo Lake Road Proposed Condominiums

This memorandum is written in follow up to my memorandum of February 10,2009. Meetings were held with the applicant and the engineer on March 6,2009, March 13, 2009 and March 31, 2009. On April 7,2009 we also met with Sean Hayden of the Northwest Conservation District to review the responses to the comments and revised plans. Civil 1 has provided a response letter, a Hydrology and Hydraulics Calculations Addendum and revised plans all of which are dated March 27, 2009.

**MOTIONS FOR 04/16/09 REGULAR MEETING
CONSERVATION COMMISSION/ INLAND WETLANDS AGENCY**

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Based on the meetings and the revised information submitted, the engineer has substantially addressed the comments of my February 10, 2009 memorandum. Any remaining minor technical details regarding the drainage, if any, can be addressed during the Planning and Zoning process.

Should the Commission decide to move forward with an approval of this application, I would recommend that a condition of approval be added to require that specific, detailed maintenance plans be prepared for all stormwater treatment facilities. The maintenance plans should include inspection guidelines, frequency and type of maintenance and reestablishing plantings if necessary following maintenance.

If you have any questions or need additional information please do not hesitate to contact this office.

Cc: Sean Hayden, Civil 1

The Chairman read the report from Sean Haden into the record.

April 9, 2009
Moosa Rafey
Wetlands Enforcement Officer
Depot Square Business Center, Suite 502
Watertown, CT 06795

Re: 741 Echo Lake Road, Third Party Review

Dear Mr. Rafey, As requested by the Watertown Conservation Commission / Inland Wetland Agency (CC /IWA), I have reviewed the latest design sheets for the project mentioned above. Specifically, I compared the latest plan of development with comments listed in the Town Engineer's Letter dated February 10, 2009. I used the materials listed below for this review:

Twenty-one page engineered design sheets packet prepared by Civil 1, titled 741 Echo Lake Road, Revised March 27, 2009.

Letter to Civil 1 from Chuck Berger Town Engineer dated February 10, 2009 o Response to Comments Letter to Moosa Rafey from Civil 1, Dated March 27, 2009.

The current plan of development addresses the concerns listed in the Town Engineer's letter and the Northwest Conservation District has no further comments for the project. The Northwest Conservation District appreciates this opportunity to work in a cooperative effort with the Commission, Town Staff and the Applicants Designing Engineers to make this proposal more protective of surrounding wetland and water resources. If the Commission or Town Staff have any questions associated with processing this application, please do not hesitate to contact me.

Sincerely,
Sean Hayden

Certified Soil Scientist - (Society of Soil Scientist of Southern New England)
Certified Wetlands Soil Delineator - (Army Corps of Engineers, 1987 Method)
Certified Professional in Erosion and Sediment Control - (CPESC # -2181)

The Chairman read a draft motion into the record.

FINAL MOTION FOR APPROVAL

WHEREAS, THE WATERTOWN CONSERVATION COMMISSION / INLAND WETLAND AGENCY has received an application from 741 Echo Lake, LLC for construction of 61 residential condominiums, associated new roadways and parking areas, and onsite drainage system as shown on a Site Development Plan entitled "741 Echo Lake Echo Lake Road Buckingham Street (CT Route 262) Watertown, Connecticut Assessor's Map 102, Block 42A, Lot 84 Sheets 1 – 21 dated June 5, 2008 Revised March 27, 2009 Prepared by Civil One".

WHEREAS, the Commission determined that the proposed activities constitute a significant activity per Section 2.1.dd Inland Wetland and Watercourse Regulations of the Town of Watertown and The Commission has evaluated the application according to the standards and criteria for a decision per Section 10.2 of the Regulations in carrying out the purposes and policies of Section 22(a)-26 to 22(a)-45 of the Connecticut General Statutes, including matters related to regulating, licensing and enforcing of the provisions thereof;

WHEREAS, the Agency has convened meetings and public hearings on July 10, 2008, August 14, 2008, September 11, 2008, October 9 2008, November 13, 2008, January 8, 2009, February 12, 2009, March 12, 2009, and April 16, 2009;

WHEREAS, the Agency has held a site walk on August 9, 2008;

WHEREAS, the Agency has hired Northwest Conservation District as an independent third party to review the application and report to the Agency;

WHEREAS, the Agency has carefully considered all the evidence and testimony received at the duly called public hearings and meetings;

WHEREAS, the Agency recognizes that inland wetlands and watercourses of the State of Connecticut and the Town of Watertown are indispensable, irreplaceable and a fragile natural resource;

WHEREAS, The Agency recognizes pursuant to Section 1.1 of the Inland Wetland and Watercourse Regulations, "The preservation and protection of the wetland and watercourses from random, unnecessary, undesirable and unregulated uses disturbance or destruction is in the public interest and is essential to the health, wealth and safety of the citizens of the State";

WHEREAS, The purpose of the Inland Wetland regulations is to protect the citizens of the State by making provisions for the protection of inland wetlands and watercourses by

- (1) Minimizing their disturbance and pollution
- (2) Maintaining and improving water quality in accordance with the highest standards set forth by Federal, State or local authority
- (3) Preventing damage from erosion, turbidity or siltation.
- (4) Prevent loss of fish and other beneficial aquatic organisms
- (5) Prevent loss of wildlife and vegetation and the destruction of natural habitats
- (6) To deter and inhibit the danger of flooding and pollution
- (7) To protect the quality of wetlands, and watercourses for their conservation, economic, aesthetic, recreational and other public and private uses
- (8) To protect the State's potable water supply and to provide an orderly process to balance the need for the economic growth of the Town and State use of its land with the need to protect the environment and ecology in order to guarantee to the people of the Town of Watertown and State, the safety of such natural resources for the benefit and enjoyment of generations yet unborn.

NOW THEREFORE BE IT RESOLVED THAT THE WATERTOWN CONSERVATION COMMISSION / INLAND WETLAND AGENCY finds that pursuant to Section 11.1 of the Watertown Inland Wetland and Watercourse Regulations, the Agency may grant the application as filed, grant it upon such terms, conditions, limitations or modifications necessary to carry out the purpose of the Inland Wetland Act or deny it.

The Agency approves application #664 submitted by 741 Echo Lake, LLC for the construction of 61 residential buildings, associated new roadways and parking area, and onsite drainage system located on Echo Lake Road, Watertown Connecticut with the following standard conditions and other conditions and modifications:

1. The permittee shall notify Wetlands Enforcement Officer, in writing at least three business days prior to the commencement of work onsite and upon its completion.

2. If the approved activities are not initiated on or before February 12, 2014, said activities shall cease and, if not previously revoked or specifically renewed or extended, this permit shall be null and void. Any request to renew or extend the expiration date of a permit should be filed in accordance with Section 11 of the Inland Wetlands and Watercourses Regulations of the Town of Watertown. Expired permits may not be renewed and the wetland agency may require a new application for regulated activities.
3. All work and all regulated activities conducted pursuant to this approval shall be consistent with the terms and conditions of this permit. Any structures, excavation, fill, obstructions, encroachment, or regulated activities not specifically identified and approved herein shall constitute a violation of this permit and may result in its modification, suspension, or revocation.
4. This permit is not transferable without the written consent of the Conservation Commission/ Inland Wetland Agency.
5. In evaluating this application, the wetland agency has relied on information provided by the applicant. If such information is subsequently proved to be false, incomplete, or misleading, this permit may be modified, suspended, or revoked and the permittee may be subject to any other remedies or penalties provided by law.
6. The permittee shall employ management practices, consistent with the terms and conditions of this permit, to control storm water discharges and to prevent erosion and sedimentation and to otherwise prevent pollution of wetlands or watercourses. **The permittee shall immediately inform the agency of any problems involving wetlands or watercourses that have developed in the course of, or that are caused by, the approved work.**
7. No equipment or material including without limitation fill, construction materials, or debris, shall be deposited, placed or stored in any wetland or watercourse on or off site unless specifically approved by this permit.
8. This permit is subject to and does not derogate any rights or powers of the Town of Watertown, conveys no property rights or exclusive privileges, and is subject to all public and private rights and to all applicable federal, state and local laws. In conducting and maintaining any activities approved herein, the permittee may not cause pollution, impairment, or destruction of the inland wetlands and watercourses of the Town of Watertown.
9. If the activity approved by the inland wetlands permit also involves activity or a project that requires state or federal approval, zoning or subdivision approval, special permit, variance, or special exception no work pursuant to the wetlands permit may begin until such approval is obtained.

10. The permittee shall maintain sediment and erosion controls at the site in such an operable condition as to prevent the pollution of wetlands and watercourses. Said controls are to be inspected by the permittee for deficiencies at least once per week and immediately after rains. The permittee shall correct any such deficiencies within 24 hours of said deficiency being found. The permittee shall maintain such control measures until all areas of disturbed soils at the site are stabilized.
11. Creation of a restricted conservation easement over all the remaining land outside of the limit of disturbance including wetlands, 50Ft upland review areas, and upland soils located on this parcel for the following reasons:
 - a. Pursuant to Section 10.2 a, b, c, d, e, f, and g, creation of a conservation easement area will protect the inland wetlands from further disturbance and will enhance the environmental quality of the inland wetland and watercourses and wildlife habitat.
 - b. Pursuant to Section 10.2.f of the Inland Wetland Watercourse Regulations, the Agency recognizes the suitability of this residential zoned property for residential development, while still balancing the need for economic growth of the town and State and the need to protect the environment and ecology of the Town and State for the future benefit of generations yet unborn.
 - c. The conservation easement area will provide a dedicated area to be protected and will assure the Agency that this important and vital resource will be forever protected from activity pursuant to Section 10.2.g of the Inland Wetland and Watercourse Regulations. The conservation easement area will provide bio-filtration area to enhance water quality and support the inland wetlands capacity to prevent flooding, protect surface and ground water, and control sedimentation and pollution.
12. A wetland performance bond shall be posted for 741 Echo Lake. The bond estimate for all site work shall be provided by the applicant to the Department of Public Works which shall include the following:

Soil erosion and sediment control, construction of drainage system, site stabilization including re-grading and planting of disturbed areas on and off site, and marking and installing placards on the limits of the conservation area. The applicant shall furnish to the Town, a bond with proper surety in the form and amount satisfactory to the Administrator for Land Use, Town Engineer, Director of Public Works and Town Attorney before any activity is initiated on site.

13. A preconstruction meeting shall be held with Agency staff prior to any on site activity. A 24 hour name, address and telephone number must be provided by the site construction manager and a written notification is required three business days prior to any on-site activity.
14. While construction activities on site are occurring, attendance at bimonthly meetings with the site manager and Town Staff on the site is mandatory. At this bimonthly meeting, the site manager shall provide a written report of the ongoing work.
15. No later than August 1st of each year, while the site is under construction, the Site Manager shall provide to the Wetlands Enforcement Officer a narrative of how this site will be managed during the winter months in relation to soil erosion and sediment control measures to reduce sedimentation and detrimental impact to inland wetland and watercourses.
16. All conservation easement areas shall be field located and staked in the field by the applicant's surveyor/engineer. The conservation easement area must be placarded on site. Where posting on trees is not possible, then the placards shall be posted on 4"X4" posts two feet in the ground and 6 feet high.
17. A note shall be placed on the final plans indicating that no topsoil or loam shall be removed from the project site until all road works, drainage systems all and regulated activities associated with the development is completed unless after a written request from the applicant and written permission is granted jointly by the Director of the Department of Public Works, Wetland Enforcement Officer, and Administrator for Land Use. Topsoil shall be evenly distributed on all disturbed areas at a minimum of five inches.
18. There shall be no other on site disturbance except what is proposed by the final plans and approved by the Commission within the limits of clearing and regulated areas.
19. The following notes shall be placed on the final plans and a written notice on the land records of the Town of Watertown that the following are conditions of the Conservation Commission/ Inland Wetland Agency approval.
 - (a) There shall be no burial of stumps on site.
 - (b) There shall be no floor drains permitted in any buildings.
 - (c) There shall be no underground fuel tanks permitted within the development.
20. The following notes must be placed on the final mylar site development plan:

- a. The Director of Public Works, Town Engineer and Wetland Enforcement Officer may require additional work and modifications to this plan as field conditions warrant. The Wetland Enforcement Officer must report to the Commission any additional work or modifications to the plans.
 - b. Prior to any on site activity all soil erosion and sediment control measures or the project phase which is ready for construction shall be in place and inspected by the site manager. Site manager and Wetland Enforcement Officer may require additional soil erosion and sedimentation control measures as field conditions warrant.
 - c. Prior to the release of the posted bond, all disturbed areas shall have turf vigorously established and mowed at least once.
 - d. No activity or site disturbance of soil or vegetation such as trees or bushes shall occur until a pre-construction meeting is held with town staff.
 - e. The permittee shall follow the 2004 Connecticut Stormwater Quality Manual and 2002 Connecticut Guidelines for Soil Erosion and Sediment Control.
21. The applicant must minimize the amount of soil disturbance onsite at any one time. A narrative phasing plan must be submitted for review and approval by Town Engineer and Wetland Enforcement Officer.
 22. Temporary sediment traps must be constructed up gradient of the wetlands prior to any land disturbance and prior to the construction of the water quality basins to protect the wetlands and watercourses located on and off site. Location and number of sediment traps are to be determined as site conditions warrant.
 23. Final filing myarl of the site development plan must be signed and dated by the Soil Scientist and Surveyor.
 24. Construction manager/ contractors shall implement all notes and details included in the final plans. It is the permittee's responsibility to provide the final site plan and conditions of approval to the site contractors.
 25. All stormwater basins plantings shall be monitored for a minimum of three growing seasons following planting. All non-native invasive plant species shall be removed from the planting areas during the monitoring period. Annual reports shall be submitted to the Commission documenting the status of planted areas and any control measure implemented.

26. Monthly erosion and sediment control inspection reports shall be submitted to the Wetland Enforcement Officer during site construction. The reports shall include current site development activities, dates of erosion and sediment control inspections, results of such inspections, maintenance measures, any changes made to the erosion and sediment control plan, and any emergency measures implemented.
27. Prior to the commencement of vegetation removal within regulated areas, disturbance limits shall be demarcated with silt fence and construction barrier fencing.
28. Conservation Area Markers are to be placed 1 every 50 feet along disturbance limits. Markers locations shall be approved by the Wetlands Enforcement Officer prior to installation.
29. Specific, detailed maintenance plans be prepared for all stormwater treatment facilities. The maintenance plans should include inspection guidelines, frequency and type of maintenance and re-establishing plantings if necessary following maintenance.

MOTION: Chairman, Mr. Edwin Undercuffler moved to approve.

SECOND: Mr. Joseph Polletta.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

- B. Application #666 of the Town of Watertown Department of Public Works for construction of an indoor recreational facility (metal building) at Veterans Memorial Park, Nova Scotia Hill Road, Watertown, CT.**

If the public hearing is closed on April 16, 2009 then a decision is required by June 19, 2009.

MOTION: Mr. Joseph Polletta moved to table the application to 5/14/09.

SECOND: Vice Chairman, Mr. Donato Orsini.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

6. New Applications

Application #667 from John Daddona for construction of an addition to an existing building at 720 Thomaston Road, Watertown, CT.

John Daddona was present and submitted the application and plans to the Commission.

Mr. Rafey asked that the application fee be submitted to the Planning and Zoning office.

Mr. Daddona noted that 720 Thomaston Road is Pasta Heaven. Mr. Daddona advised the Commission that Pasta Heaven wanted to begin to make pizza and expand the business. Mr. Daddona located and discussed the wetlands on plans with the Commission. Mr. Daddona noted that the proposed addition will be on easterly side of the building.

Mr. Rafey advised the Commission that there is no direct wetlands impact with this project.

Mr. Daddona advised the Commission that the addition will be 910 sq. ft., 26' x 35'. Mr. Daddona advised the Commission that the addition will match the pre school side of the building.

MOTION: Mr. Joseph Polletta moved to have a site walk on 5/9/09 at 9:30 AM.

SECOND: Alternate, Ms. Denise Russ.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

MOTION: Vice Chairman, Mr. Donato Orsini moved to table the application.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

7. Old Business

Joe Polletta recused himself from the application.

A. Request for clarification to Permit #521 concerning a conservation easement on Lot 15 Lake View Estates, Echo Lake Road, Watertown, CT.

Mr. Rafey pointed out that the packet contained information on this applicants request regarding the easements. Mr. Rafey noted that in addition to meeting minutes there is also conservation easement document that was signed and provided to the Town of Watertown by the applicant. Mr. Rafey advised the Commission that he had spoken with Mr. Polletta, and he had requested the Commission to table this item until the next scheduled meeting. Mr. Polletta will submit additional information to the Commission before the next meeting.

MOTION: Mr. Michael Genovese moved to table item 7A at the request of the applicant.

SECOND: Alternate, Ms. Denise Russ.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Alternate, Ms. Denise Russ.

NAYS: None.

Mr. Polletta was reseated,

MOTION UNANIMOUS PASS T 4-0.

- B. An application by the Watertown Conservation Commission/ Inland Wetland Agency to amend the Inland Wetland and Watercourse Regulations of the Town of Watertown.**

MOTION: Alternate, Ms. Denise Russ moved to approve the revisions to the Watertown Conservation Commission/ Inland Wetland Agency to amend the Inland Wetland and Watercourse Regulations of the Town of Watertown.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

8. New Business

None

9. Communications and Bills

- A. The Habitat A Newsletter of the Connecticut Association of Conservation and Inland Wetlands Commissions, Inc. Winter 2009 Volume 21 Number 1**

- B. ConnSoil Letter dated March 25, 2009.**

The Commission discussed having Cynthia Rabinowitz the Soil Scientist/ Landscaper Designer to provide an in service presentation,

- C. Don't Move Firewood Help Stop Invasive Pests by USDA Forest Service**

MOTION: Mr. Michael Genovese moved to accept and file Communications and Bills.

SECOND: Vice Chairman, Mr. Donato Orsini.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

MOTION UNANIMOUS PASS T 5-0.

10. Reports from Officers and Committees

None

11. Reports from Staff

None

12. Public Participation

None

13. Adjournment

MOTION: Mr. Michael Genovese moved to adjourn at 10:00 pm

SECOND: Alternate, Ms. Denise Russ.

VOTE

AYES:

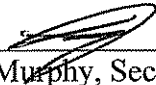
Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta; Alternate, Ms. Denise Russ.

NAYS: None.

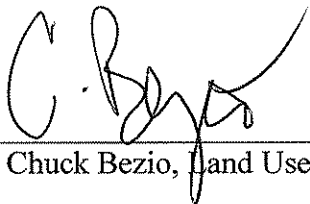
MOTION UNANIMOUS PASS T 5-0.

MOTIONS FOR 04/16/09 REGULAR MEETING
CONSERVATION COMMISSION/ INLAND WETLANDS AGENCY

Attest:



Tom Murphy, Secretary
Conservation Commission
Inland/Wetland Agency



Approved by: Chuck Bezio, Land Use Secretary