



Town of Watertown Connecticut

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MINUTES CONSERVATION COMMISSION/ INLAND WETLANDS AGENCY WATERTOWN, CONNECTICUT

REGULAR MEETING

Time: 7:30 P.M. (9:07 P.M.)
Date: Thursday, February 11, 2010
Place: Watertown High School Library
324 French Street
Watertown Connecticut

1. Call Meeting to Order

Chairman, Mr. Edwin Undercuffler called the meeting 9:07 P.M. Chairman, Mr. Edwin Undercuffler seated Mr. Todd Robinson for Ms. Martha Sturgis. Chairman, Mr. Edwin Undercuffler seated Mr. Richard Sarandrea for Mr. Thomas Murphy.

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
Mr. Brian Benoit
Mr. Richard Sarandrea
Mr. Todd Robinson

Absent: Secretary, Mr. Thomas Murphy
Ms. Martha Sturgis

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

3. Public Participation

Town Engineer Chuck Berger requested an item be added to the agenda.

MOTION: Mr. Joseph Polletta moved to add to the agenda item 7C. Application # 708 for Sunnyside Avenue reconstruction.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

Wetlands Officer Moosa Rafey requested an item to be added to the agenda.

MOTION: Mr. Joseph Polletta moved to add to the agenda item 9B. New Business: Use of Pesticides in Lake Winnemaug, Echo Lake, and Sylvan Lake.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

4. Election of Officers

A. Chairperson

MOTION: Mr. Joseph Polletta moved to nominate Mr. Edwin Undercuffler for Chairman.

SECOND: Vice Chairman, Mr. Donato Orsini.

Discussion: None

MOTION: Mr. Michael Genovese moved to close nominations for Chairman.

SECOND: Mr. Joseph Polletta.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

Action on the original motion.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Mr. Brian Benoit, Mr. Mr. Richard Sarandrea, Mr. Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

B. Vice Chairperson

MOTION: Mr. Joseph Polletta moved to nominate Mr. Donato Orsini for Vice Chairman

SECOND: Mr. Michael Genovese.

Discussion: None

MOTION: Mr. Michael Genovese moved to close nomination for Vice Chairman.

SECOND: Mr. Joseph Polletta.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

Action on the original motion.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

C. Secretary

MOTION: Mr. Joseph Polletta moved to nominate Mr. Thomas Murphy for Secretary.

SECOND: Vice Chairman, Mr. Donato Orsini.

Discussion:

Mr. Rafey

I spoke with Mr. Thomas Murphy today and he said he had no objections to being nominated as Secretary.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

Action on original motion.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

5. Action on Minutes

- A. Special Meeting October 22, 2009
- B. Public Hearing November 12, 2009 App. #687 New Millennium Development
- C. Regular Meeting November 12, 2009
- D. Public Hearing December 10, 2009 App. #701 New Millennium Development
- E. Regular Meeting December 10, 2009
- F. Continuation of the Public Hearing January 14, 2010 New Millennium Development
- G. Regular Meeting January 14, 2010

MOTION: Mr. Joseph Polletta moved to approve items A, B, C and table items D, E, F, & G.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

6. Pending Applications

- A. **Application #700 of New Millennium Development for subdivision of land for Mount Fair Village on Nova Scotia Hill Road and Buckingham Street, Watertown, CT.**

If a public hearing is not held then a decision is required by February 20, 2010.

MOTION: Vice Chairman, Mr. Donato Orsini moved to table this application to the next regularly scheduled meeting.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

- B. Application #701 of New Millennium Development for construction of Mount Fair Village Planned Community Development consists of 62 single-family dwellings and associated roadways located on the corner of Buckingham Street and Nova Scotia Hill Road, Watertown, CT.**

If the public hearing is closed on February 11, 2010 then a decision is required by March 18, 2010.

MOTION: Vice Chairman, Mr. Donato Orsini moved to table this application to the next regularly scheduled meeting.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

7. New Applications

- A. Application #705 of Vinicio Crudele for construction of a detached garage within upland review area at 521 Artillery Road, Watertown, CT.**

If a public hearing is not held then a decision is required by April 17, 2010.

Mr. Crudele He was explained that the applications is for a 24' x 24' garage with a loft with the regulated area. I have had a soil scientist inspect the property and did a soil test. The report has been submitted into the record.

Mr. Undercuffler In order to keep it away from the wetlands why are you not looking at the other side of the house.

Mr. Crudele I have to be 50' from the road because of the Zoning Regulations.

I am unable to build in back because of the septic tank and the leach fields. I have no other place to put the garage.

Mr. Undercuffler Why are you not putting it closer to the house.

Mr. Crudele No I did not want to put it closer to the house. There is two bedrooms there with windows. The garage will obstruct the view.

Mr. Polletta Expressed concerns on why the garage could not be moved closer to the house to prevent impacts to the wetlands.

Mr. Crudele There are two bed rooms there and I want access to my back yard. There is an existing shed on the property.

Mr. Rafey What will you do with the existing driveway?

Mr. Crudele We will close the driveway on the other side of the house. Because of setback issues I cannot locate it on the other side of the house. I will be to close to the neighbor's property. It will be for two cars and storage. There will be no living space, no running water, only electricity.

Mr. Undercuffler I think we should look at this.

Mr. Polletta I also think we should take a site walk.

MOTION: Mr. Joseph Polletta moved to have a site walk on 3/6/10.

SECOND: Mr. Mr. Todd Robinson.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

MOTION: Vice Chairman, Mr. Donato Orsini moved to table this application to the next regularly scheduled meeting.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

B. Application #707 of P & A Enterprises, LLC to extend the expiration date of Permit #526 for construction of Stanly Heights a 3-lot residential subdivision Winthrop Street, Oakville.

Mr. Francisco Was present and explained the application to the Commission. This is for an extension only. With the economy being so bad we need an extension.

Mr. Rafey Copies of the original permit and plans were made and handed out to the Commission for review. The original application was approved almost 5 years ago, August 2005 was the approval.

Mr. Polletta Are you changing any of the plans?

Mr. Francisco No.

Mr. Undercuffler Since we were not in on the approval I would like to know what the Commission would be approving. We should go and see the site before we approve.

Mr. Rafey There are some new members on the Commission.

Mr. Polletta We can go on the same day.

MOTION: Mr. Joseph Polletta moved to have a site walk on 3/6/10.

SECOND: Vice Chairman, Mr. Donato Orsini.

The second section of the project involves full depth reconstruction of 1550 linear-feet of road starting between Shaws Farm Road and Hilltop Road and ending at the Waterbury corporate limits. We designed the proposed drainage system using the Hydraflow Storm Sewers 2003 software. This software employs the Rational Method to calculate peak flow rates and it employs the energy-based Standard Step Method to compute hydraulic grade lines within storm sewers and the Manning's equation for open channel flow capacity. The storm water collection and conveyance system is designed for a 25-year storm according to Sec 5.10.1 of the Town of Watertown Subdivision Regulations (WSR). LEI used Connecticut rainfall intensity values from the Conn DOT 2000 drainage manual. According to WSR Appendix G-I; LEI used a 5-minute minimum time of concentration (Tc) for paved areas and 10-minute minimum Tc for unpaved areas. Please note that critical time of concentration calculations follow the NRCS format outlined in Appendix C of the Conn DOT Drainage Manual 2000. For design and layout of the storm drainage system, LEi followed the following Town guidelines wherever practical.

- o 15-inch diameter minimum pipe size (WSR 5.10.2),
- o Flow Capacity determined by open channel flow (WSR App. 0-10),
- o Maintain one foot of freeboard from hydraulic grade line to top of structure (WSR 5.10.1b),
- o Minimum slope, pipe = 0.5% (WSR 5.10.2),
- o Maintain 2-ft minimum cover on all new pipes (WSR 5.10.5),
- o Maximum spacing of catch basins shall be 300 feet or that required to intercept gutter flow before flow width equals to 1/2 travel lane width, whichever is closer (WSR 5.10.1b),
- o Locate catch basins as close to PC and PT of intersection curb arcs as possible (WSR 5.10.1b),
- o Keep CB locations a minimum of 5-feet away from driveway entrances (WSR App. 0-13).

The proposed project funding from the Department of Transportation Local Road Program requires the project construction plans to be designed in metric units. Three of the drainage systems studied discharge into Turkey Brook at the proposed bridge replacement as shown on Figure A-I. The eastern section of the project discharges onto private property approximately 200-feet east of the Old Colonial Road intersection. The following table provides pertinent data for storm system outlets as shown on Figure A-2.

We based Stormwater quality measures on a "retro-fit" approach according to Section 10 of the Conn DEP 2004 Stormwater Quality Manual we propose to install secondary treatment practice to mitigate runoff pollutants. Section 10.4.1 suggests that installing deep sump catch basins with hoods will increase the capture of floatables and greatly extend the cleaning interval without degrading capture performance. We propose to use these four foot deep sumps for all four proposed drainage systems associated with this project. For the drainage systems with more than 10 inlets, we propose to install hydrodynamic separators prior to the outlet. I have attached to the application a document labeled appendix E for the water quality flow calculations used to determine the bypass flow for the structures. System outlet protection measures for erosion control will consist of riprap. The discharges into Turkey Brook will require riprap sized for both the stream flows and for the storm drainage discharge protection. The stream will require intermediate size riprap to protect the streambed from erosion for the 100 year return frequency design discharge. A worst case scenario for outlet protection occurs when the receiving watercourse is low and the outlet pipe has reached peak flow. The proposed Sunnyside Avenue storm drainage system discharge has a drainage area of 40-acres which results in a 1:30 ratio to the 1.98 sq-mi Turkey Brook drainage area. Conn DOT drainage manual suggests checking the outflow conditions for a 5-year return frequency storm in Turkey Brook for our design 25-year storm system outflow. A check of the 24-cfs range outflows using HEC-15 flexible channel lining guidelines shows that a 4-ft wide intermediate riprap lined channel with 3:1 side slopes will resist erosion for the 25-year return frequency storm. Therefore, the discharges from Tumor Avenue (5.3-cfs) and manhole at Sta O+077L (25-cfs) should not erode intermediate riprap on the banks of Turkey Brook. The 68-cfs discharge from Manhole 0+ I 03L will discharge approximately 0.3-feet above the estimated water surface elevation and will require standard riprap protection at the outlet. The 25-cfs discharge from CB 1+ 319L will require a preformed scour hole with intermediate riprap. He reviewed the plans with the Commission.

Total direct wetland impacts are 2,803 sq ft. with total upland review impacts within the 100' buffer area 44,354 sq. ft.

Mr. Undercuffler

This is a significant activity. Should we declare this a significant activity and hold a public hearing?

MOTION: Mr. Joseph Polletta moved to declare this application a significant activity.

SECOND: Vice Chairman, Mr. Donato Orsini.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

MOTION: Mr. Joseph Polletta moved to schedule a site walk on 3/6/10, to schedule a public hearing 3/11/10 and table the application to the next regularly scheduled meeting.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

8. Old Business

A. Notice of Violation concerning 348 Lovley Drive, Watertown

MOTION: Mr. Michael Genovese moved to table to the next regular meeting.

SECOND: Vice Chairman, Mr. Donato Orsini.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

9. New Business

A. Preliminary discussion on Watertown Mews - 38 residential condominium units Colonial Street, Oakville, CT.

Mr. Barrett

Norville Barrett was present and gave a preliminary discussion on a proposed 38 residential townhomes. Watertown Mews is a proposed residential community of 38 townhomes, proposed for development on 5 wooded acres in the Oakville section of Watertown. Each residence will be three stories comprising over 1,000 square feet of living space with two bedrooms, 1.5 baths, formal living and dining rooms, kitchen, and a two-car attached garage. He discussed the preliminary site plan and an artist rendering of the townhomes at Watertown Mews with the Commission. He noted that the key features of the site include; undisturbed wetlands with an existing brook, preserved natural woodlands, a walking trail, a water retention basin & rain garden, a tennis court and a club house. The extensive use of "green" solar electricity is being explored. The main entrance to Watertown Mews is proposed on Colonial Street, which is a major road, in good condition and part of a local bus route. The Colonial Street entranceway takes advantage of an existing watercourse crossing, and successfully eliminates the need to disturb on-site wetlands. Almost half of the project acreage within Watertown, has been set aside as undisturbed wetlands or conservation easement. Watertown Mews will be situated with access to public water and sewer. All utility services will be supplied underground, and roadways within the development will meet the 20 ft minimum pavement width. There is adequate on-site parking, all of which is screened from the public street.

An alternate access for emergency vehicles, via Sunset Avenue, is also proposed. In laying out the site, my team has endeavored to minimize/eliminate any impact on the wetlands. He explained that now his team is seek guidance from this Commission so that, collectively, they could develop Watertown Mews into a valuable and harmonious contribution to Watertown.

B. Conservation Commission / Inland Wetland Agency Budget for 2010 – 2011

MOTION: Vice Chairman, Mr. Donato Orsini moved to recommend increasing the training budget line item to \$500.00 because of the three new members.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Brian Benoit, Richard Sarandrea, Todd Robinson; Mr. Joseph Polletta.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

C. Conservation Commission/ Inland Wetland Agency By-laws

MOTION: Mr. Joseph Polletta moved to table to the next regularly scheduled meeting.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

D. State Permit application for the Use of Pesticides in State Waters

MOTION: Mr. Joseph Polletta moved to accept and file.

SECOND: Mr. Michael Genovese.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

10. Communications and Bills

A. The Habitat A Newsletter of the Connecticut Association of Conservation and Inland Wetlands Commissions, Inc. Fall 2009 Volume 21 Number 4

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

SECOND: Mr. Joseph Polletta.

VOTE

AYES: Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

11. Reports from Officers and Committees

None

12. Reports from Staff

A. Agent Determination

a. Application #707 of Michael Donato for construction of a deck within upland review area at 35 Sunny Lane, Oakville, CT.

Mr. Rafey

He reported that a permit has been issued for the construction of a deck within upland review area, 65' from a watercourse at 35 Sunny lane, Oakville.

13. Public Participation

Mark Lorank from Platt Road was present and told Commission that he is interested in the work the Commission does and will be sitting in the audience at our meetings. He wishes to become a member one day after learn how things are done.

14. Adjournment

MOTION: Mr. Joseph Polletta moved to adjourn at 10:30 P. M.

SECOND: Mr. Michael Genovese.

VOTE

AYES:

Chairman, Mr. Edwin Undercuffler; Vice Chairman, Mr. Donato Orsini; Mr. Michael Genovese, Joseph Polletta, Mr. Brian Benoit, Mr. Richard Sarandrea, Mr. Todd Robinson.

NAYS: None.

MOTION UNANIMOUS PASS T 7-0.

Attest:

Tom Murphy, Secretary
Conservation Commission
Inland/Wetland Agency