

**AGENDA**  
Mansfield Conservation Commission  
Wednesday, September 17, 2014  
Audrey P. Beck Building  
CONFERENCE ROOM B  
7:30 p.m.

1. Call to Order
2. Roll Call
3. Opportunity for Public Comment
4. Minutes
  - a. August 20, 2014
5. New Business
  - a. IWA Referrals:           W1534 – 147 Coventry Road - Above Ground Pool & Deck  
                                  W1535 –54 Homestead Drive - Shed
  - b. Town of Coventry/ Mansfield grant proposal to CT DEEP for Control of Fanwort in Eagleville Lake
  - c. Election of officers
  - d. Membership
  - e. Other
6. Continuing Business
  - a. Review of Town-Owned Easements
  - b. Mansfield Tomorrow | Our Plan ▶ Our Future
  - c. Swan Lake Discharge Mirror Lake Dredging and other UConn Drainage Issues
  - d. UConn Agronomy Farm Irrigation Project
  - e. Eagleville Brook Impervious Surface TMDL Project
  - f. UConn Hazardous Waste Transfer Station
  - g. Ponde Place Student Housing Project
  - h. CL&P "Interstate Reliability Project"
  - i. Protecting Dark Skies in the Last Green Valley
  - j. Water Issues
  - k. Other
7. Communications
  - a. Minutes
    - Open Space: No New Meetings
    - PZC: 9/3/14
    - IWA: 9/3/14
  - b. Wetlands Agent Month Business Report
  - c. Other
8. Other
9. Future Agendas
10. Adjournment

Town of Mansfield  
CONSERVATION COMMISSION  
Special Meeting of 20 August 2014  
Conference B, Audrey P. Beck Building  
(draft) MINUTES

*Members present:* Aline Booth (Alt.), Robert Dahn, Scott Lehmann, Michael Soares. *Members absent:* Joan Buck (Alt.), Peter Drzewiecki, Neil Facchinetti, Quentin Kessel, John Silander. *Others present:* Jennifer Kaufman (Wetlands Agent).

1. The meeting was called to order at 7:31p by Dahn. Alternate Booth was designated a voting member for this meeting.

2. The draft minutes of the 16 July 2014 meeting were approved as written.

**3. IWA referral: W1533 (Lessenger, Monticello La).** The applicant proposes to build a single-family residence on a parcel on the south side of Monticello Lane identified as "Lot 19." According to Kaufman, "Lot 19" combines three lots in an old subdivision. It was offered to the Town and to the landowner to the east; both declined. Nearly all of this parcel is wetland, save for an area at its northeast corner, where the land slopes from Monticello Lane down to wetland. The proposed house would be built here, at the minimum side setback from the eastern property line, on a peninsula of some 800 cubic yards of fill above the wetland. The house would be 28 ft from and 6 ft above wetlands at its closest point – an average slope of 12 degrees; fill would be graded to within 10 ft of wetlands. The septic system would be located between the house and road, 61 ft from wetlands at its closest point. After some discussion, the Commission agreed unanimously (**motion:** Booth, Dahn) to warn that:

This project has the potential for a significant negative impact on wetlands. 800 cubic yards of fill, imported to provide a level site for the house, would be graded to slope fairly steeply down to within 10 ft of wetlands. It is difficult to see how "silt fencing ... installed down gradient of proposed activity and maintained until area has been stabilized" (Part C.4) could insure that an extreme weather event does not wash a large volume of fill into the wetland before (or after) stabilization.

**4. Acquisition of Sawmill Brook Parcel.** Willard Stearns & Sons, Inc. has offered to sell a rectangular 9.5-acre wooded parcel north of Jacobs Hill Road to the Town for \$20K (splitting the difference between appraisals of \$9.5K and \$30K). The parcel is surrounded on three sides by Town open space. Its acquisition would enlarge and improve the configuration of protected land in this area. If the parcel is not acquired by the Town, it is conceivable that a private owner could develop it by securing a right-of-way across Town open space from Jacobs Hill Road. The Commission agreed unanimously (**motion:** Dahn, Soares) to support the Open Space Preservation Committee's recommendation that the Town acquire this property and furthermore to urge that it be protected with a permanent conservation easement held by a third party (such as Joshua's Trust).

**5. Conservation easement monitoring.** Kaufman is looking into getting a work-study student from UConn to help develop a plan and protocol for monitoring Town-held conservation easements – protected lands need to be visited and their condition noted on some regular schedule, boundaries need to be marked, landowners and neighbors need to be made aware of easements and informed about what may and may not be done on land protected by them.

**6. Mansfield/CWC Water Planning/Advisory Council.** Soares attended the first meeting of this group in July. It will meet quarterly.

**7. 4 Corners Water & Sewer Project.** Information sessions on this project are now being held at various locations, and a public hearing is scheduled for 6:00p on 22 August in the Council Chambers. A referendum question on bonding for the project will presumably appear on the ballot in November. In Kaufman's view, viable economic development in the 4 corners area requires water and sewer connections. Booth agreed, adding that this gateway area should be attractive to commercial developers once groundwater problems are set aside by sewerage, so that Town could expect to recover its share of the cost from increased tax revenue.

**8. Tree removal/trimming on Dog Lane & Gurleyville Road.** Soares is concerned that CL&P's plan for removing or trimming trees that threaten utility lines along Dog Lane and Gurleyville Road is too aggressive. Trees close to Dog Lane help slow traffic and make this road safer for pedestrians; they should not be removed if healthy.

**7. Adjourned at 8:25p. Next meeting: 7:30p, Wednesday, 17 September.**

Scott Lehmann, Secretary, 22 July 2014.



# Department of Planning and Development

Date: August 26, 2014  
To: Mansfield Inland Wetlands Agency  
From: Jennifer Kaufman, Inland Wetlands Agent  
Subject: Receipt of New Application for Wetlands License  
147 Coventry Road (IWA File #1534)  
Owner/Applicant: Kevin Morrissey  
Description of work: above ground pool with deck surround  
Map Date: 8/25/2014

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## Project Description

The applicant seeks retroactive approval for the installation of an above ground pool surrounded by a deck on the southwest of an existing house. The pool was installed 105 feet of the wetland boundary. The applicant estimates that the area of disturbance was 1255 square feet.

- The project includes work in wetlands.
- The project includes work in the 150 foot upland review area.
- The project is located in a Public Water Supply Watershed.

## Application Fees and Notifications

- The applicant has paid the required application fee
- The applicant has submitted copies of the notice mailed to neighbors and a list of abutters to be notified. Certified mail receipts must be submitted prior to action on the application.
- The applicant has submitted copies of notices provided to the CT Department of Public Health and Windham Water Works. Certified mail receipts must be submitted for Windham Waterworks and email confirmation must be submitted for CT Department of Public Health prior to action on the application.
- Natural Diversity Database has been checked and no state listed species or significant natural communities exist on the property.

## Receipt Motion

\_\_\_\_\_ MOVES, \_\_\_\_\_ seconds to receive the application submitted by Kevin Morrissey (IWA File #1534) under the Wetlands and Watercourses Regulations of the Town of Mansfield for above ground pool with deck surround on property located at 147 Coventry Road as shown on a map dated 8/25/2014 and as described in application submissions, and to refer said application to staff and the Conservation Commission for review and comments.

APPLICATION FOR PERMIT  
MANSFIELD INLAND WETLANDS AGENCY  
4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268  
TEL: 860-429-3330 OR 860-429-3015x6204  
FAX: 860-429-6863

FOR OFFICE USE ONLY  
File # 1534  
W \_\_\_\_\_  
Fee Paid \$185  
Official Date of Receipt 8-25-14

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact the Inland Wetlands Agent at the telephone numbers above.

Please print or type or use similar format for computer; attach additional pages as necessary.

Part A - Applicant

Name KEVIN MCKESSY

Mailing Address 147 COVENTRY ROAD

MANSFIELD CT 06250 Zip \_\_\_\_\_

Phone 860-685-1109 Email DEMOCYCLESERVICES@YALLOAN.COM

Title and Brief Description of Project

INSTALL ABOVE GROUND POOL - BUILD DECK -

LANDSCAPE AROUND DECK

Location of Project 147 COVENTRY ROAD

Intended Start Date WORK ALREADY COMPLETED

Part B - Property Owner (if applicant is the owner, just write "same")

Name SAME

Mailing Address \_\_\_\_\_

Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Owner's written consent to the filing of this application, if owner is not the applicant:

Signature [Signature] date 8/25/14

Applicant's interest in the land: (if other than owner) \_\_\_\_\_

Part C - Project Description (attach extra pages, if necessary)

1) Describe in detail the proposed activity here or on an attached page. (See guidelines at end of application - page 6.)

Please include a description of all activity or construction or disturbance:

- a) in the wetland/watercourse
- b) in the area adjacent to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property

ALTHOUGH POOL IS ABOVE GROUND THE CENTER WILL BE DUG OUT ONE FOOT. THE MATERIAL TAKEN FROM THIS AREA WILL BE DISTRIBUTED AROUND THE SURROUNDING AREA. THE WORK WILL BE DONE WITH A SMALL BACK HOE. IN ADDITION THERE WILL BE 14 FOOTINGS 8" X 48" FOR THE POOL AND 14 FOOTINGS 8" X 48" FOR THE DECK. THIS MATERIAL WILL ALSO BE SPREAD AROUND SURROUNDING AREA. TOTAL MATERIAL DELIVERED IS AROUND 50 YARDS. THERE WILL BE APPROXIMATELY 20 YARDS OF CONCRETE TO FTCL FOOTINGS. IN ADDITION 20 YARDS OF TOP SOIL WAS BROUGHT IN TO DRESS OUT NEW GARDEN BED SURROUNDING POOL. ALL WORK DONE IN AREAS ADJACENT TO WETLANDS

2) Describe the amount or area of disturbance (in square feet or cubic yards or acres):

- a) in the wetland/watercourse
- b) in the area adjacent to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property

AFFECTED AREA TOTAL IS 1075 SQUARE FEET IN ADJACENT AREA TO WETLANDS. DECK IS 33'6" X 33' THE POOL IS 15' X 28' AND IS DUG OUT APPROXIMATELY 1 FOOT IN CENTER

3) Describe the type of materials you are using for the project: ONLY MATERIAL BROUGHT IN WERE TOP SOIL FOR GARDENS & CONCRETE FOR FOOTING

- a) include type of material used as fill or to be excavated <sup>(TOP SOIL + ROCK)</sup> EXCAVATION WAS EXISTING SUR
- b) include volume of material to be filled or excavated APPROXIMATELY 50 YARDS

4) Describe measures to be taken to minimize or avoid any adverse impacts on the wetlands and regulated areas (silt fence, staked hay bales or other Erosion and Sedimentation control measures).

ALTHOUGH THERE WAS NO RUN OFF SILT FENCE + HAY BALES WERE IN PLACE

Part D - Site Description

Describe the general character of the land. (Hilly? Flat? Wooded? Well drained? etc.)

FLAT WITH A PITCH AWAY FROM HOUSE WELL DRAINED

**Part E - Alternatives**

Have you considered any alternatives to your proposal that would meet your needs and might have less impact on the wetland/watercourse? Please list these alternatives.

NO - NO OTHER LOCATION WOULD HARM OR AFFECT PROPERTY

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**Part F - Map/Site Plan (all applications)**

1) Attach to the application a map or site plan showing existing conditions and the proposed project in relation to wetland/ watercourses. Scale of map or site plan should be 1" = 40'; if this is not possible, please indicate the scale that you are using. A sketch map may be sufficient for small, minor projects. (See guidelines at end of application – page 6.)

- 2) Applicant's map date and date of last revision August 25, 2014
- 3) Zone Classification KAR 90
- 4) Is your property in a flood zone?  Yes  No

**Part G - Major Applications Requiring Full Review and a Public Hearing**

See Section 6 of the Mansfield Regulations for additional requirements.

**Part H - Notice to Abutting Property Owners**

- 1) Attach list of abutters, name, address
  
- 2) **Proof of Written Notice to Abutters.** You must notify abutting (neighboring) property owners (any property immediately contiguous with the subject property , including those across the street) by certified mail, return receipt requested, stating that a wetland application is in progress, and that abutters may contact the Mansfield Inland Wetlands Agent for more information. Include a brief description of your project. Postal receipts of your notice to abutters must accompany your application. (This is not needed for exemptions).

**Part I - Additional Notices, if necessary**

Notice to Windham Water Works and CT Department of Public Health is attached. If this application is in the public watershed for the Windham Water Works (WWW), you must notify the WWW and the Department of Public Health of your project within 7 days of sending the application to Mansfield--sending it by certified mail, return receipt requested. Contact the Mansfield Inland Wetlands Agent to find out if you are in this watershed.

Notice to Adjoining Town. If your property is within 500 feet of an adjoining town, you must also send a copy of the application, on the same day you sent one to Mansfield, to the Inland Wetlands Agency of the adjoining town, by certified mail, return receipt requested.

The Statewide Reporting Form (attached) shall be part of the application and specified parts must be completed and returned with this application.

**Part J - Other Impacts To Adjoining Towns, if applicable**

- 1) Will a significant portion of the traffic to the completed project on the site use streets within the adjoining municipality to enter or exit the site? \_\_\_ Yes \_\_\_ No  Don't Know
- 2) Will sewer or water drainage from the project site flow through and impact the sewage or drainage system within the adjoining municipality? \_\_\_ Yes \_\_\_ No  Don't Know
- 3) Will water run-off from the improved site impact streets or other municipal or private property within the adjoining municipality? \_\_\_ Yes \_\_\_ No  Don't Know

**Part K - Additional Information from the Applicant**

Set forth (or attach) any other information which would assist the Agency in evaluating your application. (*Please provide extra copies of any lengthy documents or reports, and extra copies of maps larger than 8.5" x 11", which are not easily copied.*)

**Part L - Filing Fee**

Submit the appropriate filing fee. (Consult Wetlands Agent for the fee schedule available in the Mansfield Inland Wetlands and Watercourses Regulations.)

\_\_\_ \$1,000. \_\_\_ \$750. \_\_\_ \$500. \_\_\_ \$250.  \$125. \_\_\_ \$100. \_\_\_ \$50. \_\_\_ \$25.

\$60 State DEP Fee

*Note: The Agency may require you to provide additional information about the regulated area which is the subject of the application, or about wetlands or watercourses affected by the regulated activity. If the Agency, upon review of your application, finds the activity proposed may involve a "significant activity" as defined in the Regulations, additional information and/or a public hearing may be required.*

**The undersigned applicant hereby consents to necessary and proper inspections of the above mentioned property by members and agents of the Inland Wetlands Agency, at reasonable times, both before and after the permit in question has been granted by the Agency.**

Applicant's Signature

Date

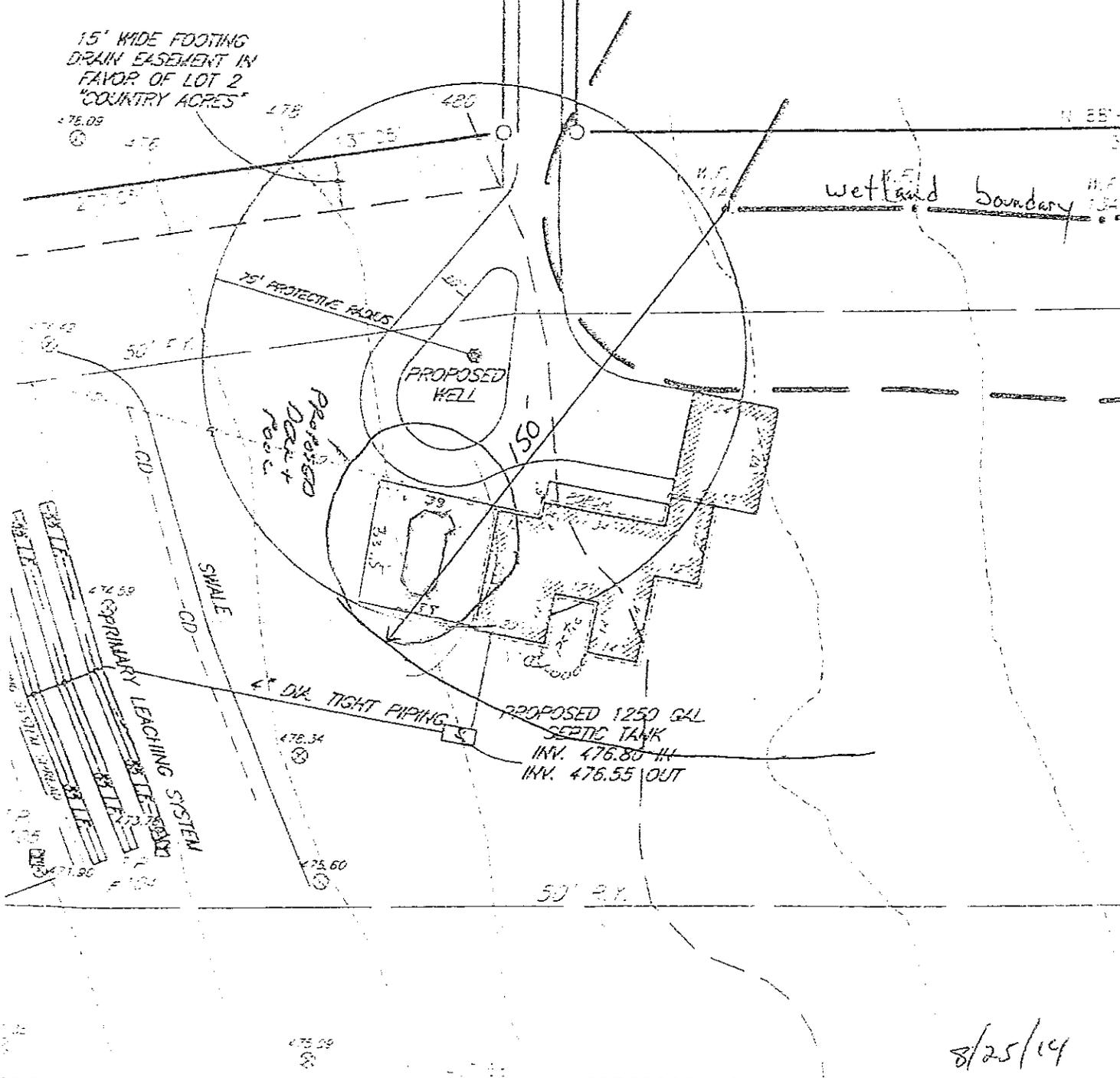
8/25/14

LOT 2  
"COUNTRY ACRES"  
SUBDIVISION

PARCEL  
"A"

15' WIDE FOOTING  
DRAIN EASEMENT IN  
FAVOR OF LOT 2  
"COUNTRY ACRES"

wetland boundary



8/25/14

~~OLG~~ IRVINE ESTES  
88 COVENTRY ROAD

MEETING SEPTEMBER 3<sup>RD</sup>

WALTER KEENAN JR  
156 COVENTRY ROAD

HARIHARAN SWAMINATHAN, HELEN ROGERS  
154 COVENTRY ROAD

MIKE LYNCH / MAIY BERTHELOT  
143 COVENTRY ROAD

GUY + COLLEEN MATCH  
155 COVENTRY ROAD

KARLY RECHARDS  
161 COVENTRY ROAD

CHARLES + PATRICIA VINSONHALER  
205 COVENTRY ROAD

YOUSSEF + ANN KOVATLY  
98 ~~COVENTRY ROAD~~ FOLNS ROAD



# Department of Planning and Development

Date: August 29, 2014  
To: Mansfield Inland Wetlands Agency  
From: Jennifer Kaufman, Inland Wetlands Agent  
Subject: Receipt of New Application for Wetlands License  
54 Homestead Drive (IWA File #1535)  
Owner/Applicant: Rigoberto Lopez  
Description of work: installation of a 10 x 14 foot shed on a gravel base  
Map Date: 8/26/2014

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## Project Description

The applicant seeks approval for the installation of a 10 x 14 foot shed on a gravel base at the end of his driveway located on the eastern side of the home. The proposed activity will occur 40 feet from the edge of wetlands. The applicant estimates that the area of disturbance will be approximately 200 square feet.

- The project includes work in wetlands.
- The project includes work in the 150 foot upland review area.
- The project is located in a Public Water Supply Watershed.

## Application Fees and Notifications

- The applicant has paid the required application fee
- The applicant has submitted copies of the notice mailed to neighbors and a list of abutters to be notified. Certified mail receipts must be submitted prior to action on the application.
- The applicant has submitted copies of notices provided to the CT Department of Public Health and Windham Water Works. Certified mail receipts must be submitted for Windham Waterworks and email confirmation must be submitted for CT Department of Public Health prior to action on the application.
- Natural Diversity Database has been checked and no state listed species or significant natural communities exist on the property.

## Receipt Motion

\_\_\_\_\_ MOVES, \_\_\_\_\_ seconds to receive the application submitted by Rigoberto Lopez (IWA File #1535) under the Wetlands and Watercourses Regulations of the Town of Mansfield for installation of a 10 x 14 foot shed on a gravel base on property located at 54 Homestead Drive as shown on a map dated 8/26/2014 and as described in application submissions, and to refer said application to staff and the Conservation Commission for review and comments.

APPLICATION FOR PERMIT  
MANSFIELD INLAND WETLANDS AGENCY  
4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268  
TEL: 860-429-3330 OR 860-429-3015x6204  
FAX: 860-429-6863

FOR OFFICE USE ONLY  
File # 1335  
W \_\_\_\_\_  
Fee Paid \_\_\_\_\_  
Official Date of Receipt \_\_\_\_\_

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact the Inland Wetlands Agent at the telephone numbers above.

Please print or type or use similar format for computer; attach additional pages as necessary.

Part A - Applicant

Name Rigoberto Lopez  
Mailing Address 54 Homestead Dr., Storrs, CT  
Zip 06268  
Phone 860-429-5727 Email \_\_\_\_\_

Title and Brief Description of Project

Installation of 10x14' storage shed.  
Location of Project 54 Homestead Dr., Storrs, CT  
Intended Start Date As soon as possible

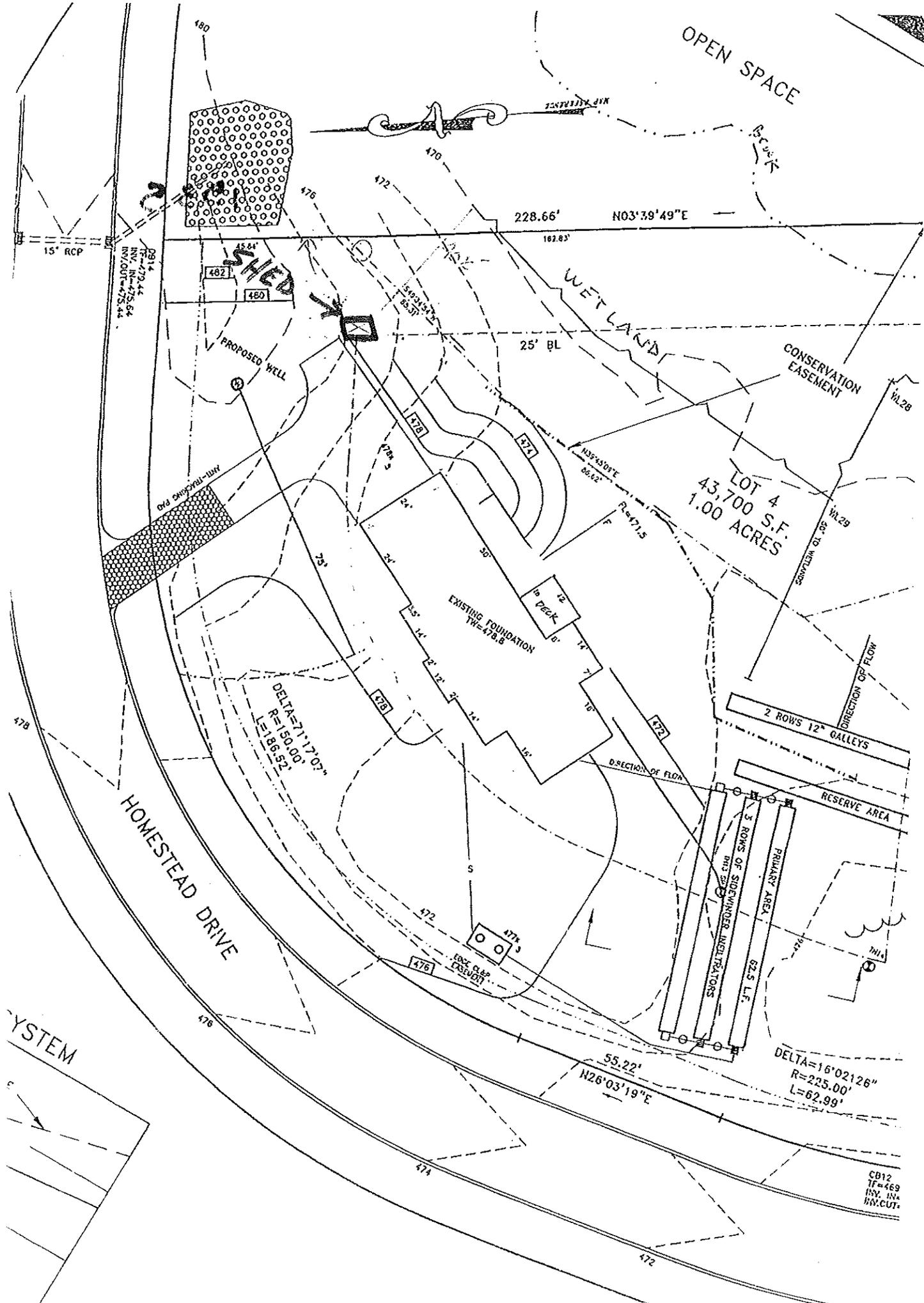
Part B - Property Owner (if applicant is the owner, just write "same")

Name SAMP  
Mailing Address ||  
Zip \_\_\_\_\_  
Phone \_\_\_\_\_ Email ||

Owner's written consent to the filing of this application, if owner is not the applicant:

Signature  date 8/28/14

Applicant's interest in the land: (if other than owner) \_\_\_\_\_



CD12  
 TF=469  
 INV. IN.  
 H.M.CUT.

Part C - Project Description (attach extra pages, if necessary)

1) Describe in detail the proposed activity here or on an attached page. (See guidelines at end of application - page 6.)

Please include a description of all activity or construction or disturbance:

- a) in the wetland/watercourse
- b) in the area **adjacent** to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is **off** your property \* shed will be at least 5 feet from a conservation easement line.

This project involves a standard installation of a 10x14', pre-manufactured garden storage shed (i.e., shed). To this end, as required, the foundation must be consists of 6 inches of gravel. The location is at the end of the driveway to make it functional. Shed will also be used to store a snow blower. Note that the house is also within 150' of wetland but we bought already built.

2) Describe the amount or area of disturbance (in square feet or cubic yards or acres):

- a) in the wetland/watercourse
- b) in the area **adjacent** to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property

The foundation and adjacent area of gravel will be approximately 12x18'.

3) Describe the type of materials you are using for the project: course gravel for foundation and a premanufactured wood structure with vinyl siding shed.

- a) include **type** of material used as fill or to be excavated fill with course gravel.
- b) include **volume** of material to be filled or excavated fill up to 6" with ~~course~~ gravel.

4) Describe measures to be taken to minimize or avoid any adverse impacts on the wetlands and regulated areas (silt fence, staked hay bales or other Erosion and Sedimentation control measures).

~~to~~ No anticipated adverse impact on wetlands or regulated areas.

Part D - Site Description

Describe the general character of the land. (Hilly? Flat? Wooded? Well drained? etc.)

Semi-flat, well drained land.

**Part E - Alternatives**

Have you considered any alternatives to your proposal that would meet your needs and might have less impact on the wetland/watercourse? Please list these alternatives.

Considering access and snow removal machinery and other garden equipment, this is the only reasonable location for the shed.

**Part F - Map/Site Plan (all applications)**

1) Attach to the application a map or site plan showing **existing conditions** and the **proposed project** in relation to wetland/ watercourses. Scale of map or site plan should be 1" = 40'; if this is not possible, please indicate the scale that you are using. A sketch map may be sufficient for small, minor projects. (See **guidelines at end of application – page 6.**)

2) Applicant's map date and date of last revision 12-04-04

3) Zone Classification RAR90

4) Is your property in a flood zone?  Yes  No  Don't Know

**Part G - Major Applications Requiring Full Review and a Public Hearing**

See Section 6 of the Mansfield Regulations for additional requirements.

**Part H - Notice to Abutting Property Owners**

1) Attach list of abutters, name, address

2) **Proof of Written Notice to Abutters.** You must notify abutting (neighboring) property owners (any property immediately contiguous with the subject property , including those across the street) by certified mail, return receipt requested, stating that a wetland application is in progress, and that abutters may contact the Mansfield Inland Wetlands Agent for more information. Include a brief description of your project. **Postal receipts of your notice to abutters must accompany your application.** (This is not needed for exemptions).

**Part I - Additional Notices, if necessary**

Notice to Windham Water Works and CT Department of Public Health is attached. If this application is in the public watershed for the Windham Water Works (WWW), you must notify the WWW and the Department of Public Health of your project within 7 days of sending the application to Mansfield--sending it by certified mail, return receipt requested. Contact the Mansfield Inland Wetlands Agent to find out if you are in this watershed.

Notice to Adjoining Town. If your property is within 500 feet of an adjoining town, you must also send a copy of the application, on the same day you sent one to Mansfield, to the Inland Wetlands Agency of the adjoining town, by certified mail, return receipt requested. *Wilmington*

The Statewide Reporting Form (attached) shall be part of the application and specified parts must be completed and returned with this application.

**Part J - Other Impacts To Adjoining Towns, if applicable**

- 1) Will a significant portion of the traffic to the completed project on the site use streets within the adjoining municipality to enter or exit the site? \_\_\_ Yes  No \_\_\_ Don't Know
- 2) Will sewer or water drainage from the project site flow through and impact the sewage or drainage system within the adjoining municipality? \_\_\_ Yes  No \_\_\_ Don't Know
- 3) Will water run-off from the improved site impact streets or other municipal or private property within the adjoining municipality? \_\_\_ Yes  No \_\_\_ Don't Know

**Part K - Additional Information from the Applicant**

Set forth (or attach) any other information which would assist the Agency in evaluating your application. *(Please provide extra copies of any lengthy documents or reports, and extra copies of maps larger than 8.5" x 11", which are not easily copied.)*

**Part L - Filing Fee**

Submit the appropriate filing fee. (Consult Wetlands Agent for the fee schedule available in the Mansfield Inland Wetlands and Watercourses Regulations.)

\_\_\_ \$1,000. \_\_\_ \$750. \_\_\_ \$500. \_\_\_ \$250. \_\_\_ \$125. \_\_\_ \$100. \_\_\_ \$50. \_\_\_ \$25.

\_\_\_ \$60 State DEP Fee

*Note: The Agency may require you to provide additional information about the regulated area which is the subject of the application, or about wetlands or watercourses affected by the regulated activity. If the Agency, upon review of your application, finds the activity proposed may involve a "significant activity" as defined in the Regulations, additional information and/or a public hearing may be required.*

**Certification**

I hereby certify that:

- I am familiar with the information contained in this form and that such information is true and correct to the best of my knowledge.
- I understand the penalties for obtaining a permit through deception or through inaccurate or misleading information.



Signature

8/28/14

Date

**Authorization to Enter Property**

The undersigned hereby consent to necessary and proper inspections of the above-mentioned property by members and agents of the Inland Wetlands Agency at reasonable times, both before and after the permit in question has been issued by the Agency.



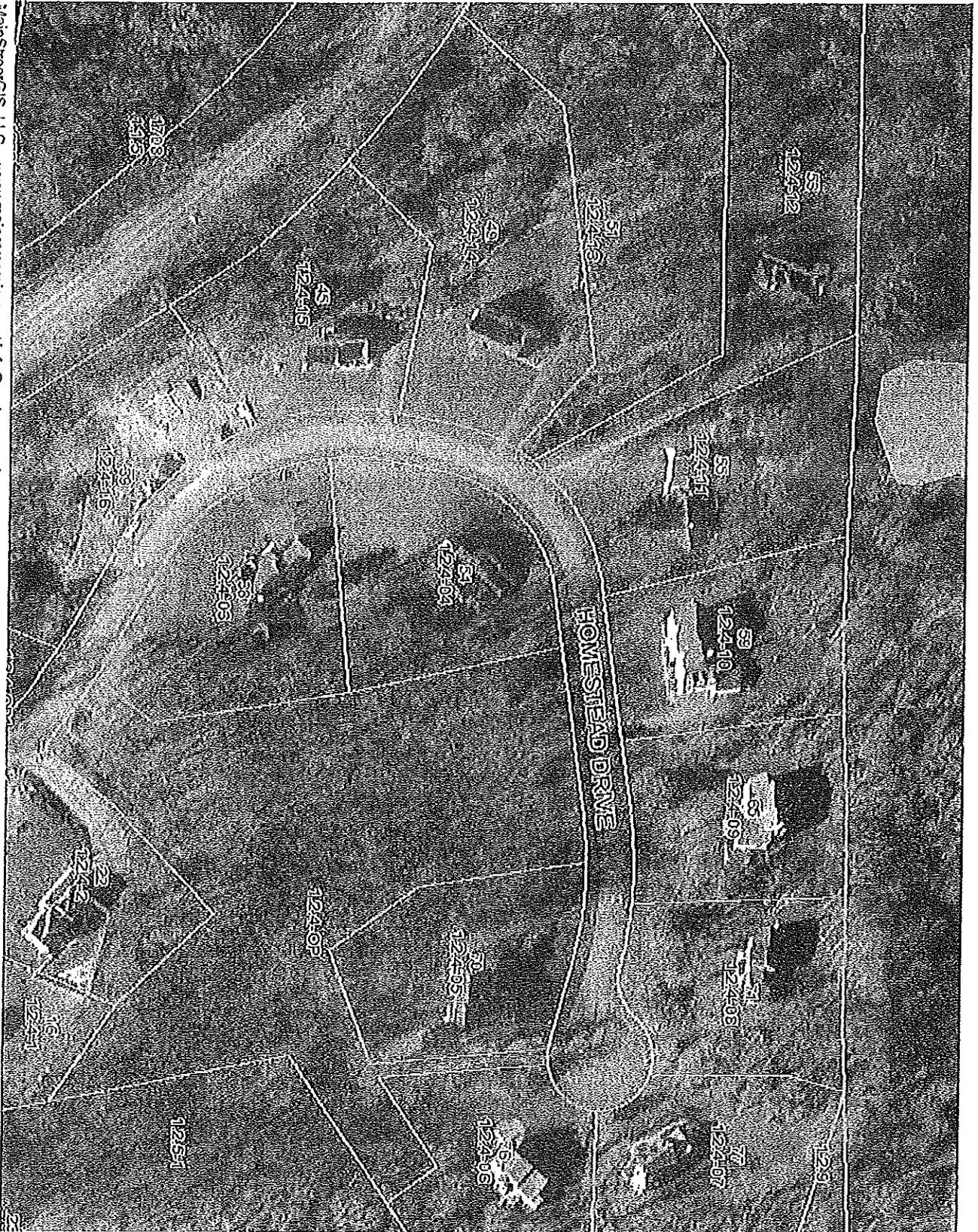
Signature

8/28/14

Date



- Zoning
- Conservation Easement
- Railroad
- Trails
- Parcels
- Streams
- water
- wetlands

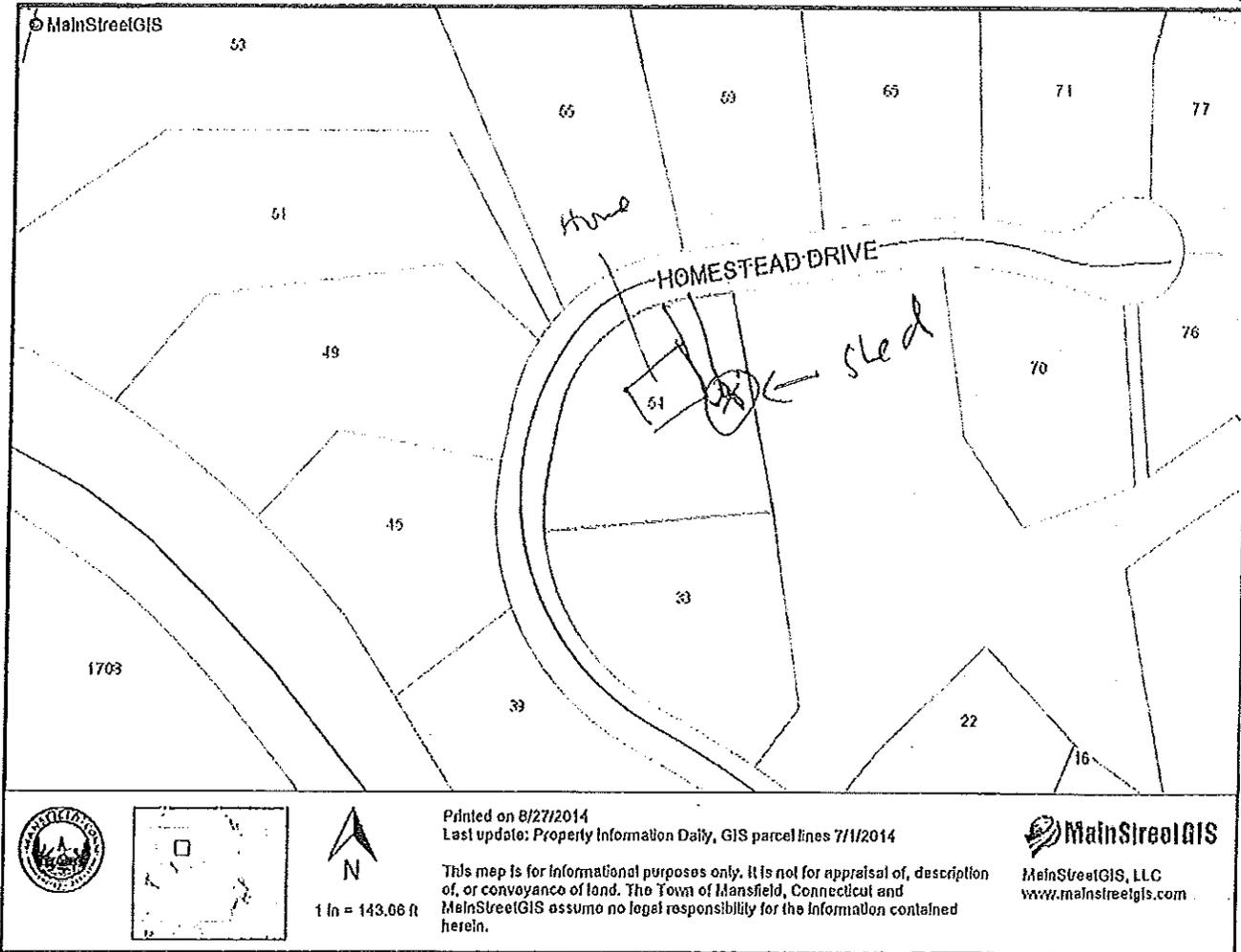


1 in = 148.43 ft

Printed:  
8/27/2014

MainStreetGIS

MainStreetGIS, LLC - [www.mainstreetgis.com](http://www.mainstreetgis.com) / [info@mainstreetgis.com](mailto:info@mainstreetgis.com)  
Disclaimer: This map is for assessment purposes only. It is not valid for use as a survey or for conveyance



## Towns of Coventry and Mansfield - Eagleville Lake Fanwort Management Project

### **PROJECT NARRATIVE:**

Eagleville Lake, a significant water resource associated with the Willimantic River, is the focus of the grant request. The Towns of Coventry and Mansfield both border the Lake and are cooperatively requesting the funds to address the proliferation of Fanwort in the Lake. The Lake is accessed from State Route 275 from both towns. Please refer to the attached map.

### **PUBLIC ACCESS AND USE:**

Eagleville Lake provides year round public access for recreational boating, kayaking, canoeing, picnicking and nature viewing purposes. All of these uses are popular on the Lake and enjoyed by residents of both towns as well as the region at large. The State of Connecticut owns Lake frontage which allows physical access at the Eagleville Dam on the Coventry side. A public parking lot is also provided for convenience.

The Town of Mansfield also provides a public parking lot on a property they own that links to other walking trails along the Lake and Willimantic River. A handicap access fishing area and public viewing area on the dam are also available on the Mansfield side.

The Pine Lake Shores Association, a small private residential neighborhood lake association, is also located along the banks of the Lake. The association owns property that possesses frontage on the Lake which provides open space and passive recreational enjoyment on the Lake.

Please refer to the attached map which provides a graphic depiction of the amenities described above.

### **WATER BODY OWNERSHIP:**

To the best of the Towns' knowledge the Lake is not privately owned, but is a public water body that is the common town line between Coventry and Mansfield. The Eagleville Lake Dam is at the southern terminus of the Lake and is owned by the State of Connecticut.

### **TARGET AQUATIC INVASIVE SPECIES:**

In September of 2012, the Connecticut Agricultural Experiment Station performed an aquatic invasive inspection of Eagleville Lake. The report determined that approximately 60 acres of the Lake is inundated with Fanwort (*Cabomba caroliniana*). Please refer to the attached map and report, which details the locations of where Fanwort was found to be on the Lake.

### **STATE-LISTED SPECIES:**

According to the DEEP's Natural Diversity Database Areas Map (June 2014), the Eagleville Lake area is located where State and Federal Listed Species and Significant Natural Communities have been found. Please refer to the attached copy of the map.

The Towns have prepared and submitted a Natural Diversity Database Review application. Please refer to the attached copy of the application.

**DESCRIBE THE PURPOSE AND NEED FOR, AND BENEFITS OF PROPOSED PROJECT:**

The CT Agricultural Experiment Station identified an approximately 60 acre infestation of Fanwort in Eagleville Lake in 2012, which is about 75% of the total area of the Lake. It is anticipated that the Fanwort has spread even more since that time due to how quickly and easily it can spread if untreated.

Fanwort is an aquatic invasive that grows in dense stands and shades out native plants, thus reducing biodiversity and creating further ecological impacts. Additionally, due to the extent of its proliferation, it negatively affects recreational and aesthetic value as well. This negative impact can also affect property values of residences that have frontage on the Lake and enjoy the natural resource.

The proposed treatment of the Fanwort is the first step in reducing its impact on Eagleville Lake. The Towns recognize the need to maintain this effort beyond the first herbicide application and pursue continued funding to provide for this. Also, the Towns commit to an ongoing educational campaign that will provide information to the communities about the presence of Fanwort and methods to mitigate its impacts.

**DESCRIBE THE SCOPE OF WORK:**

Please refer to the attached memorandum from Dominic Meringolo, Senior Environmental Engineer with Aquatic Control Technology, Inc. (ACT, Inc) to Charles Lee of CT DEEP (dated: November 7, 2013) which describes the vegetation management recommendations for Eagleville Lake. The Towns propose to address all treatment areas that amount to 60 acres. ACT, Inc. would be the expected licensed contractor to perform the application of Flumioxazin (trade name 'Clipper'), as this herbicide has demonstrated results controlling similar infestations in several lakes in Connecticut and Massachusetts. It is believed that it is the most appropriate treatment considering the nature of the situation involving the Lake. There are no expected negative impacts to the public access with the treatment application.

The memorandum identifies that George Knoekelin, owner of Northeast Aquatic Research, will be partnered with to perform pre and post-application surveys of the Lake to be able to determine measured impacts.

ACT, Inc. has indicated that the first treatment will be very helpful in reducing the impact of the Fanwort, but additional yearly management will likely be necessary to fully address the infestation. These options can include subsequent herbicide treatments or other options such as benthic barriers. The Towns acknowledge this and will continue to pursue funding to allow for this to occur.

A Natural Diversity Database Review application has been prepared and submitted for the proposed treatment. The results of the application review will illicit information regarding the nature of the specific species of concern and methods to mitigate or avoid negative impact. The Towns will commit to adhere to the recommendations that are provided from that review.

Towns of Coventry and Mansfield - Eagleville Lake Fanwort Management Project

The Towns will be conducting an educational campaign with the communities prior to and after the treatment activities to facilitate a clear understanding of the nature of the issues and the intention of the Towns to address them. The Towns will use a variety of media outlets including: website, eblast, newspaper press releases, public flyers, cable television as well as public forums.

The Towns will request the involvement of the CT Agricultural Experiment Station to assist with the ongoing survey work to determine the status of the Fanwort situation on the Lake. Also, the Towns will work with the public to educate them on ways to identify the Fanwort who can serve as the 'eyes on the Lake'.

**DEFINE THE SCHEDULE FOR COMPLETION OF THE SCOPE OF WORK FOR THE PROPOSED PROJECT:**

Based upon the guidance of ACT, Inc. the Towns expect a two to three month review period for the Natural Diversity Database. The CT DEEP application for the treatment is expected to be submitted in January/February 2015. The application window would be mid to late June 2015. Survey/inspections would be conducted before and after treatment.

**DEFINE THE BUDGET FOR IMPLEMENTATION OF THE PROPOSED PROJECT:**

The Towns received a recommended scope of work and project budget from Aquatic Control Technologies, Inc. In order to address the 60 acre infestation of Fanwort, the consultant suggests a price of \$28,000.00 which includes the pre and post application inspections as well as the CT DEEP permitting process fee.

The Towns have committed to half of the required match of \$14,000.00 or \$7,000.00 from each town.

**DESCRIBE THE AVAILABILITY OF ALTERNATIVE OR MATCHING FUNDS OR IN-KIND SERVICES:**

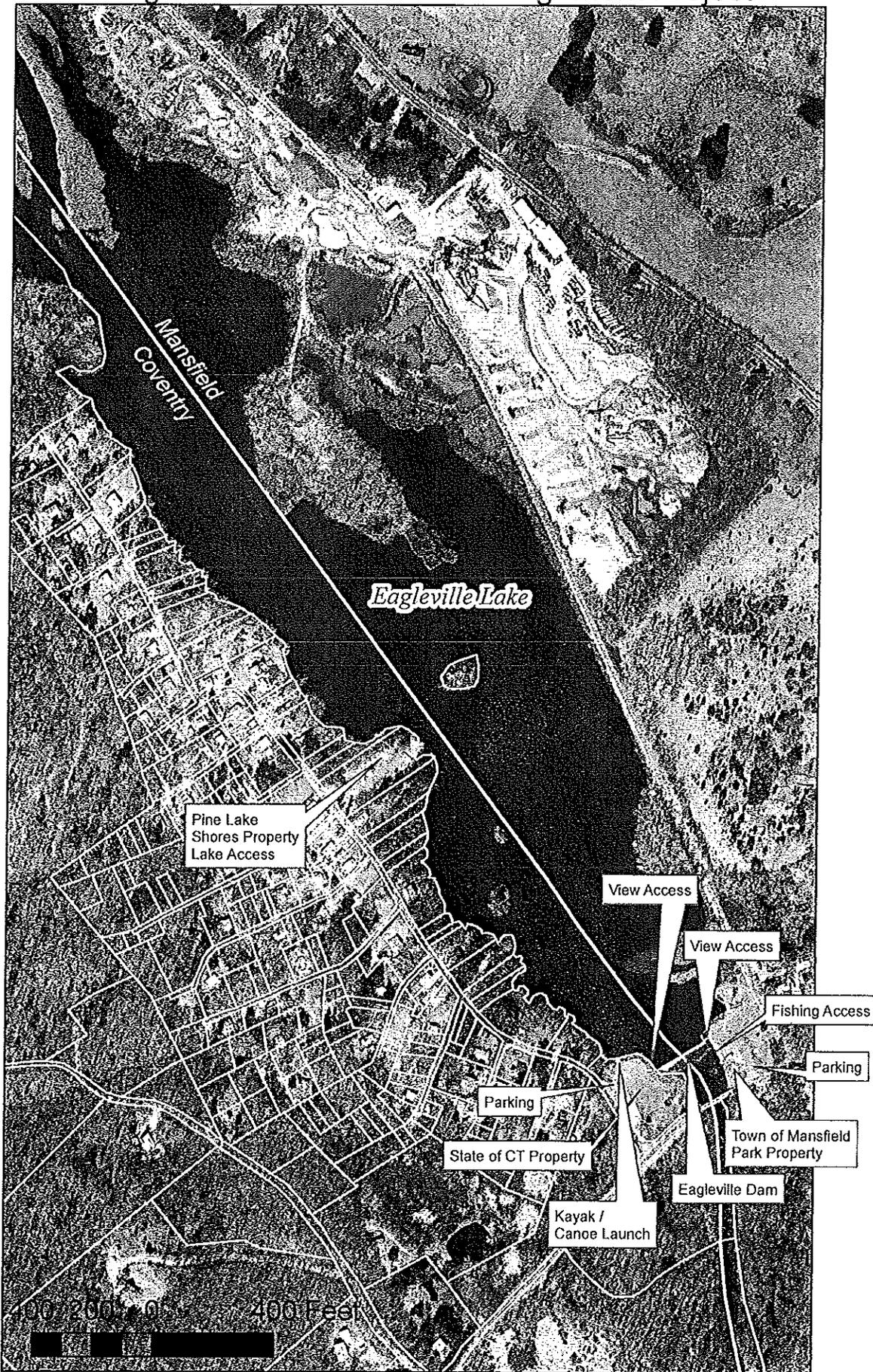
The Towns have committed to half of the required match of \$14,000.00 or \$7,000.00 from each town. Please refer to the attached letters confirming the match.

The Towns also commit to applying in-kind services of Town Staff time and resources to administer the grant. The Towns will conduct educational and advocacy work that is crucial to obtaining support for further funding for follow-up control and to increase the awareness about the importance of early detection and intervention in other water bodies in the region and the State.

The Towns recognize that follow-up control will likely be necessary and more than one application of the herbicide or other methods will be required to properly treat the Fanwort infestation. The Towns are committed to pursue the funding in order to make that a reality. It is believed that the project will gain public attention and will facilitate the ongoing management of the Fanwort in the Lake and provide for continuing efforts with education, identification and eradication.



# Towns of Coventry & Mansfield; Eagleville Lake Fanwort Management Project



**DRAFT MINUTES**  
**MANSFIELD INLAND WETLANDS AGENCY**  
**Special Meeting**

Wednesday, September 3, 2014  
Council Chambers, Audrey P. Beck Municipal Building

Members present: Chairman Goodwin, B. Chandy, R. Hall, K. Holt, G. Lewis, P. Plante, B. Pociask,  
K. Rawn,  
Members absent: B. Ryan  
Alternates present: P. Aho, V. Ward, S. Westa  
Staff present: Jennifer Kaufman, Inland Wetlands Agent

Chairman Goodwin called the meeting to order at 7:00 p.m. and appointed Aho to act in the absence of Ryan.

**Review of Minutes:**

- a. 08-04-2014 - Regular Meeting-  
Rawn MOVED, Aho seconded, to approve the 8-4-14 minutes as written. MOTION PASSED with all in favor except Lewis. Chandy, Hall, and Aho noted that they listened to the recoding of the meeting.
- b. 8-27-2014 – Field Trip - Holt MOVED, Aho seconded, to approve the 8-27-14 field trip minutes as written. MOTION PASSED with Holt and Aho in favor and all others disqualified.

**Communications:**

The Conservation Commission Minutes and the Wetland Agent's Monthly Business memorandum were noted.

Kaufman called to the Agency's attention the situation at 625 Middle Turnpike (noted in her monthly business memo). She asked for guidance as to how the Agency would like her to proceed. The consensus of the Agency was that a license was not necessary. It was noted that digging test pits does not require a license. The subsequent water line break was accidental, and the property owner has since restored the site and stabilized the soils.

**Old Business:**

W1533 – Lessenger - Monticello Lane – New Single Family Residence

Holt MOVED, and Chandy seconded, to approve a request for an extension of not more than 30 days of the application of Kurt Lessenger (File #W1533) located on Lot 19 located on Monticello Lane (assessor's parcel id 22.59.19) under the Inland Wetlands and Watercourses Regulations of the Town of Mansfield for the construction of a single family dwelling, septic system, well, and driveway as shown on a map dated July 15, 2014, and as described in application submissions. MOTION PASSED UNANIMOUSLY.

Holt MOVED, and Rawn seconded, to postpone action on the application of Kurt Lessenger (File #W1533) located on Lot 19 located on Monticello Lane (assessor's parcel id 22.59.19) under the Inland Wetlands and Watercourses Regulations of the Town of Mansfield for the construction of a single family dwelling, septic system, well, and driveway as shown on a map dated July 15, 2014, and as described in application submissions. Action on this item is hereby postponed to the Agency's meeting of October 6, 2014, to allow time for the applicant to revise the application and for staff to review the changes made. MOTION PASSED UNANIMOUSLY.

**New Business:**

W1534 – 147 Coventry Road – Above Ground Pool & Deck

Chandy MOVED, Holt seconded, to receive the application submitted by Kevin Morrissey (File #W1534) under the Wetlands and Watercourses Regulations of the Town of Mansfield for an above-ground pool with deck surround on property located at 147 Coventry Road, as shown on a map dated 8/25/2014 and as described in application submissions, and to refer said application to staff and the Conservation Commission for review and comments. MOTION PASSED UNANIMOUSLY.

W1535 – 54 Homestead Drive – 10 x 14 foot shed

Chandy MOVED, Holt seconded, to receive the application submitted by Rigoberto Lopez (File #W1535) under the Wetlands and Watercourses Regulations of the Town of Mansfield for installation of a 10 x 14-foot shed on a gravel base on property located at 54 Homestead Drive, as shown on a map dated 8/26/2014 and as described in application submissions, and to refer said application to staff and the Conservation Commission for review and comments. MOTION PASSED UNANIMOUSLY.

Reports from Officers and Committees: The Chairman set a Field Trip for Wednesday, September 10th at 3:30 p.m.

Other Communications and Bills: Noted.

Adjournment: The Chairman adjourned the meeting at 7:12 p.m.

Respectfully submitted,

Katherine Holt, Secretary

**DRAFT MINUTES**  
**MANSFIELD PLANNING AND ZONING COMMISSION**  
**Special Meeting**  
**Wednesday, September 3, 2014**  
**Council Chamber, Audrey P. Beck Municipal Building**

Members present: Chairman Goodwin, B. Chandy, R. Hall, K. Holt, G. Lewis, P. Plante, B. Pociask K. Rawn,  
Members absent: B. Ryan  
Alternates present: P. Aho, V. Ward, S. Westa  
Staff Present: Linda Painter, Director of Planning and Development  
Curt Hirsch, Zoning Agent

Chairman Goodwin called the meeting to order at 7:13 p.m. Alternate Aho was seated for Ryan.

**Approval of Minutes:**

**a. August 4, 2014 Meeting**

Hall MOVED, Aho seconded, to approve the 8-4-14 minutes as written. MOTION PASSED with all in favor except Lewis. Chandy, Hall, and Aho noted that they listened to the recording of the meeting.

**Zoning Agent's Report:**

Hirsch reported that Live Music Permit Renewals will be on the next agenda.

**Public Hearing:**

**Scenic Road Alteration Request, Dog Lane and Gurleyville Road, PZC File#1010-5 and #1010-8**

Chairman Goodwin opened the Continued Public Hearing at 7:15p.m. Westa recused herself. Members present were Goodwin, Chandy, Hall, Holt, Lewis, Plante, Pociask, Rawn, and alternates Aho and Ward. Aho was appointed to act. Linda Painter, Director of Planning and Development, noted her memos dated 8/28/14 and 9/3/14; email correspondences between Kiefer and Painter dated 8/29/14; a copy of the Scenic Road ordinance; an 8/9/14 letter signed by several residents of Dog Lane and a reference in the Conservation Commission's August draft minutes.

Steven Child, CL&P Vegetation Management, and Tony Wilbur, Tennett Tree Service, represented the applicant. Child distributed pictures of the trees identified as locations #8 and #25 on the revised tree listing dated 8/27/14 and a diagram explaining the UPZ (Utility Protection Zone). They discussed the trees on the list and why they need to be either removed or trimmed and answered questions posed by the Commission.

Michael Soares, 99 Dog Lane, disclosed for the record that he is a member of the Open Space Preservation Committee, Conservation Commission, and the CWC Water Advisory Board. He talked at length about how the trees provide character to the road and have a traffic-calming effect. He identified several trees as priorities for preservation, noting that he would like all of them to remain but knows this is unlikely.

At 8:07 p.m. Plante MOVED, Hall seconded, to close the Public Hearing. MOTION PASSED with all in favor except Westa who recused herself.

**Old Business:**

**a. Scenic Road Alteration Request, Dog Lane and Gurleyville Road, PZC File#1010-5 and #1010-8**

The Commission took action on the Alteration Request for Gurleyville Road and will revisit the Dog Lane Alteration Request at the next meeting.

Holt MOVED, Aho seconded, to communicate to the Town Council that the Planning and Zoning

Commission has no objection to removal of the trees on Gurleyville Road as requested by the Connecticut Light and Power Company as the removal of these trees will not significantly alter the scenic character of Dog Lane provided that any stone walls damaged during the removal be repaired/restored:

- Trees #16 through #25 as appeared on an 8-27-14 list.

The Commission does object to the removal of the following tree as requested by Connecticut Light and Power as the loss of this tree would negatively impact the scenic character of Dog Lane:

- Tree #15 as it appeared on an 8-27-14 list.

MOTION PASSED with all in favor except Westa who was disqualified.

**New Business:**

**a. Request for Special Permit Extension, United Services, PZC File #1302**

Chandy MOVED, Holt seconded, that the PZC approve a one-year extension, until September 19, 2015, of the special permit granted to United Services, Inc., for the construction of an office building and associated site development on North Frontage Road. MOTION PASSED UNANIMOUSLY.

**b. Request for Bond Deadline Extension, Gifford Estates, PZC File #1250**

Chandy MOVED, Holt seconded, that the PZC approve the 8/1/14 request from Francis Halle and grant an extension until September 1, 2016, for the completion of the common driveway and other site improvements required in association with the Gifford Estates Re-subdivision. A revised Bonding Agreement shall be executed to reflect this revised completion date. MOTION PASSED UNANIMOUSLY.

**Mansfield Tomorrow | Our Plan ▶ Our Future:**

Painter reported that the draft plan is in revision and will be sent to the consultants for formatting before being distributed to the Commission for further review.

**Reports from Officers and Committees:**

Noted.

**Communications and Bills:**

Noted.

**Adjournment:**

The Chairman adjourned the meeting at 8:25 p.m.

Respectfully submitted,

Katherine Holt, Secretary