

AGENDA
Inland Wetland Agency
Regular Meeting
Tuesday, September 7, 2010
Council Chambers, Audrey Beck Building

Call to Order: 7:00 PM

Review of Minutes of Previous Meetings and Action Thereon:

8.02.2010 - Regular Meeting

8.09.2010 - Field Trip

Communications:

Conservation Commission: W1461 - Elshakhs - Bundy La
GM monthly business memorandum

Old Business:

W1461 - Elshakhs - 23 Bundy La - above ground pool in buffer

New Business:

New Application:

W1462 - Town of Mansfield - Laurel Lane bridge replacement

Reports of Officers and Committees:

Other Communications and Bills:

DEP Notice of Approval - Lakeside Utility Project - North Eagleville Rd

Adjournment:

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DRAFT MINUTES
MANSFIELD INLAND WETLANDS AGENCY
Regular Meeting
Tuesday, August 2, 2010
Council Chambers, Audrey P. Beck Municipal Building

Members present: R. Favretti (Chairman), M. Beal, J. Goodwin, R. Hall, K. Holt, G. Lewis, P. Plante, B. Ryan,
Members absent: B. Pociask
Alternates present: F. Loxsom (7:03), K. Rawn, V. Stearns
Staff present: G. Meitzler (Wetlands Agent)

Chairman Favretti called the meeting to order at 7:01 p.m. and appointed alternate Stearns to act in Pociask's absence.

Minutes:

7-6-10 – Plante MOVED, Ryan seconded, to approve the 7-6-10 minutes as written. MOTION PASSED with all in favor except Lewis and Stearns who disqualified themselves. Goodwin and Hall noted that they listened to the recording.

7-13-10 Field Trip- Beal MOVED, Holt seconded, to approve the 7-13-10 field trip minutes as written. MOTION PASSED with Beal, Holt, Favretti, Plante and Rawn in favor and all others disqualified.

Communications:

The 7-21-10 draft Conservation Commission minutes and the 7-29-10 Wetlands Agent's Monthly Business report were noted. Particular attention was called to the Conservation Commission's comments on the Baker application, File W1459.

Old Business:

W1459 - Baker - 109 Thornbush Rd - flood proofing

Holt MOVED, Plante seconded, to grant an Inland Wetlands License of the Wetlands and Watercourses Regulations of the Town of Mansfield to Stephen Baker (file # W1459) a front porch addition and stairway into an existing home to be elevated above the flood zone, on property owned by the applicant, located at 109 Thornbush Road, as shown on a map dated 7/6/10 and as described in other application submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. Appropriate erosion and sedimentation controls shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized;
2. All excavated material shall be placed either in the present yard or in the basement fill area. It is not to be placed in the nearby wetland.

This approval is valid for a period of five years (until 8/2/2015), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment.

MOTION PASSED UNANIMOUSLY.

New Business:

Agent Approval: W1460 - Lambert - 1461 Stafford Rd - 12x16 garden shed 80' from wetland

Wetlands Agent Meitzler noted that he has approved this request as an "Agent Approval", and the decision was noticed in the Chronicle and paid for by the applicant as per our newly-revised regulations.

Modification Request: W1441 - Kleinfelder - 7 Storrs Rd - groundwater remediation

Meitzler noted that this is a modification request to their permit approval from 11/2/09. Eric Henry, from Kleinfelder Exxon Mobile, was present to answer any questions on behalf of his client.

Members questioned Henry as to what contaminants are being sought to remedy, what is their backup plan if this doesn't work, is excavating material a possibility, what effects does this remediation have on the Park Spring, and how far east does this contamination spread? After discussion, it was decided that the Agency would like a copy of the pilot study results that will be sent to the Connecticut DEP.

Holt MOVED, Hall seconded, To approve modifications to an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to John Liddon of Kleinfelder (file # W1441) for modifications to approval of permit W1441 previously issued to John Liddon of Kleinfelder for investigation of wetlands surface water and sediment sampling, on property owned by Eugene S. Mittelman, located at 7 Storrs Road, as shown on a map dated 12/14/09 and as described in other application submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. The conditions of the previous approval are to remain in effect;
2. A report of the pilot study, as sent to the CT DEP, shall also be sent to the Mansfield IWA in a timely fashion.

This approval is valid for a period of five years (until 4/3/2016), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment.

MOTION PASSED UNANIMOUSLY.

New Application: W1461 - Elshakhs - 23 Bundy La - above ground pool in buffer

Goodwin MOVED, Holt seconded, to receive the application submitted by Hisham Elshakhs (IWA file W1461) under the Wetlands and Watercourses Regulations of the Town of Mansfield, for the installation of a 21 foot above ground pool, located at 23 Bundy Lane, on property owned by the applicant, as shown on a map dated 7/12/10 and as described in other application submissions, and to refer the application to the staff and Conservation Commission for review and comment. MOTION PASSED UNANIMOUSLY.

Reports of Officers and Committees:

Chairman Favretti set an 8/9/10 Field Trip at 1 p.m.

Other Communications and Bills:

Noted.

Adjournment:

Favretti declared the meeting adjourned at 7:38 p.m.

Respectfully submitted,

Katherine Holt, Secretary

MINUTES

MANSFIELD INLAND WETLAND AGENCY/PLANNING AND ZONING COMMISSION
FIELD TRIP
Special Meeting
Monday, August 9, 2010

Members present: R. Favretti, M. Beal, K. Rawn, K. Holt, G. Lewis, P. Plante,
B. Ryan
Staff present: G. Meitzler (Wetlands Agent, Assistant Town Engineer),
G. Padick (Director of Planning)

The field trip began at 1:05 p.m.

1. ELSHAKHS PROPERTY - 23 Bundy La - above ground pool in buffer W1461
Site and neighborhood characteristics were observed. No decisions were made.

The field trip ended at approximately 1:30 p.m.

Respectfully submitted,

K. Holt, Secretary

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Town of Mansfield
CONSERVATION COMMISSION
Meeting of 18 August 2010
Conference B, Audrey P. Beck Building
(DRAFT) MINUTES

Members present: Robert Dahn, Peter Drzewiecki (from 8:00p), Neil Facchinetti (Alt.), Scott Lehmann. *Members absent:* Quentin Kessel, John Silander, Joan Stevenson, Frank Trainor. *Others present:* Grant Meitzler (Wetlands Agent).

1. The meeting was **called to order** at 7:32p by ActingChair Robert Dahn.
2. The 16 August version of the draft **minutes of the 21 July meeting** was approved as written.
3. **Agronomy farm.** Gregory Wiedemann, Dean of UConn's CANR, has responded to questions from the Storrs Heights Neighborhood Association regarding the impact of Agronomy Farm turf research on groundwater. The Neighborhood Association will attempt to resolve any remaining questions with the Dean in advance of the 14 September Town-Gown Committee meeting.
4. **Ponde Place saga.** According to Meitzler, test wells have yielded only about 1/3 of the water the would-be developers of Ponde Place hoped for, enough to supply about 280 units. However, DPH regulations would allow no more than about 170 units -- the number that could be supplied, were the best well to be taken off-line for repair. Accordingly, the developers are attempting to get UConn to agree to provide water in such an emergency. Stay tuned.
5. **IWA referral W1461 (Elshakhs, Bundy La.)** An above-ground pool is proposed within 150 ft of wetlands (Roberts Brook and land between it and the pool that is low and wet, according to Meitzler). It appears that moving the pool about 30 ft toward Bundy Lane would involve less grading and reduce potential impact on wetlands during and after installation. The Commission unanimously agreed (motion: Dahn, Lehmann) to suggest this.
6. **UConn reclaimed water facility.** The University proposes to upgrade treatment at its Water Pollution Control Facility so that wastewater can be substituted for potable water in the Central Utility Plant and for irrigation. While wastewater probably cannot completely replace potable water in these uses, this project should reduce demand for water from the Willimantic and Fenton River well-fields. The Commission commends the University for this initiative to increase the efficiency of its use of water.
7. **Storrs Rd. Mobil station.** DEP has authorized an experimental attempt to clean up pollution at the old Mobil station on Rte. 195 near Willimantic by injecting neutralizing chemicals into the groundwater. If this *in situ* approach doesn't work, Exxon will have to put in a filtration system similar to the one now in operation at the 4-Corners CVS.
8. **Adjourned** at 8:24p. Next meeting: 7:30p, Wednesday, 15 September 2010

Scott Lehmann, Secretary, 19 August 2010

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Memorandum:
To: Inland Wetland Agency
From: Grant Meitzler, Inland Wetland Agent
Re: Monthly Business

September 1, 2010

WI419 - Chernushek - hearing on Order

- 3.10.09: The hearing on the Order remains open and should continue until the permit application under consideration is acted upon.
(The Order was dropped on approval of the application required in the Order.)
- 4.30.09: Former rye grass seeding is beginning to show green. I spoke with Mr. Chernushek this afternoon who indicated health problems that delayed his starting but indicated he will be working this weekend. I will update on this Monday evening.
- 5.26.09: A light cover of grass growth has come in. Mr. Chernushek indicates health problems and two related deaths have delayed his start of work since the permit approval was granted. It appears that some light work has started. He has further indicated that he will start a vacation on June 22, 2009 to finish the work.
- 6.13.09: Work is underway.
- 6.21.09: Bulldozer work has been completed - finish work remains. The additional silt fencing has been placed along the northerly wetlands crossing, and the additional pipe under the southerly crossing has been installed. Remaining work includes finish grading along edges, spreading stockpiled topsoil, and establishing grass growth.
- 7.01.09: I spoke with Mr. Chernushek who indicated he expects work to be completed by September 1, 2009. (Site photo attached).
- 9.03.09: Mr. Chernushek has been working on levelling and grading. The formerly seeded areas have become fairly thick growth surrounding the central wet areas. He has further indicated that with the combination of weather and the slower moving of earth with the payloader compared to the earlier rented bulldozer has led him to contact contractors for earth moving estimates which have not yet been received. The site is not yet finished but has remained quite stable.
- 9.12.09: I met with Mr. Chernushek today and discussed again what his plans are for stabilizing this work site.
- 10.01.09: Mr. Chernushek indicated he has not heard back from the contractor he had spoken with about removing material, and is in progress of contacting others. In discussion is removal of material from the site either within the 100 cubic yard limit or obtaining a permit for such removal.
- 10.28.09: Mr. Chernushek has indicated he has made arrangements with DeSiato Sand & Gravel to remove 750 cubic yards of material. Staff is in the process of clarifying permit requirements.
- WI445 - Chernushek - application for gravel removal from site**
- 11.30.09: Packet of information representing submissions by Mr. Chernushek, Mr. DeSiato and myself is in this agenda packet as Mr. Chernusheks's request for modification.
- 12.29.09: Preparation of required information for PZC special permit application is in progress. Tabling any action until the February 1, 2010 meeting is recommended.
- 1.12.10: 65 day extension of time received.

- 2.18.10: No new information has been received.
- 2.25.10: This application has been **withdrawn**.
- 6.30.10: As viewed from the adjacent property, the upstream and downstream areas have grown to a decent protected surface. I did not see indication of sediment movement.

Mansfield Auto Parts - Route 32

- 6.10.09: Inspection - no vehicles are within 25' of wetlands.
- 7.16.09: Inspection - no vehicles are within 25' of wetlands.
- 8.12.09: Inspection - no vehicles are within 25' of wetlands.
- 9.14.09: Inspection - no vehicles are within 25' of wetlands.
- 10.27.09: Inspection - no vehicles are within 25' of wetlands.
- 11.30.09: Inspection - no vehicles are within 25' of wetlands.
- 12.28.09: There are two cars that need to be moved. Mr. Bednarczyk indicates their payloader is down for repairs and the cars will be moved as soon as it is repaired.
- 1.27.10: No change - the payloader is apart with parts on order to complete repairs. It is of 1986 vantage and finding parts is a major proposition.
- 2.18.10: Same - they are in the process of rebuilding the engine on the payloader.
- 3.30.10: Same - Mr. Bednarczyk indicates a contuing problem finding engine parts.
- 4.13.10: Owner indicates the payloader is operating again.
- 4.15.10: Owner indicates he will have the cars moved this week.
- 4.23.10: No vehicles are within 25' of wetlands.**
- 5.17.10: Inspection - no vehicles are within 25' of wetlands.
- 6.02.10: Inspection - no vehicles are within 25' of wetlands.
- 6.23.10: Inspection - no vehicles are within 25' of wetlands.
- 7.15.10: Inspection - no vehicles are within 25' of wetlands.
- 9.01.10: Inspection - no vehicles are within 25' of wetlands.
Mr. Bednarczyk has started removing tires from the westerly part of his site using roll-off containers. With this arrangement a moderately steady rate of removal of the tires should be possible to maintain until the tires are completely removed.

Memorandum:

September 1, 2010

To: Inland Wetland Agency

From: Grant Meitzler, Inland Wetland Agent

Re: New Business for the September 7, 2010 meeting

New Application:

W1462 - Town of Mansfield - Laurel Lane Bridge Replacement

	yes	no
	-----	-----
fee paid	n.a.	
certified receipts	X	
map dated	8.02.2010	

This application is for replacement of the Laurel Lane bridge over the Mount Hope River. A new bridge will be constructed adjacent to the existing bridge in order to maintain access. These plans have been in progress with various reviewing agencies for about three years - and include numerous measures to protect wetlands and the Windham watershed.

Receipt and referral to the Conservation Commission is appropriate.

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APPLICATION FOR PERMIT
 MANSFIELD INLAND WETLANDS AGENCY
 4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268
 TEL: 860-429-3334 OR 429-3331
 FAX: 860-429-6863

FOR OFFICE USE ONLY
 File # W 1462
 Fee Paid None
 Official Date of Receipt 9.07.10

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact Grant Meitzler, 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 Town of Mansfield, CT

Mailing Address 4 South Eagleville Rd.

Mansfield, CT Zip 06268

Telephone-Home _____ Telephone-Business 860-429-3332

Title and Brief Description of Project
Replacement of the Laurel Lane Bridge over The Mount
Hope River

Location of Project Approximately 725 Feet East of CT RTE. 89.

Intended Start Date _____

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

Name Same

Mailing Address _____

_____ Zip _____

Telephone-Home _____ Telephone-Business _____

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

Signature _____ date _____

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

See Project Narrative - Attached

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

See Project Narrative - Attached

3) Describe the type of materials you are using for the project:

See Project Narrative - Attached

a) include *type* of material used as fill or to be excavated

b) include *volume* of material to be filled or excavated

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).

See Project Narrative - Attached

Part D - Site Description

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

See Project Narrative - Attached

Application for Inland Wetlands Certification
Laurel Lane Bridge over Mount Hope River
Part C – Project Description

The Laurel Lane Bridge as it stands today is a two- simple span structure with a maximum span of 31 feet and a total length of 56 feet. Currently posted for 10 tons, the bridge has a roadway width of 10'-10" between timber rails and carries one lane of traffic.

The most recent bridge inspection has revealed that there is heavy rusting and section loss of the steel stringers, the timber rails are discontinuous and the substructure concrete has cracks and spalls. Due to the poor condition of the existing structure, a proposed replacement has been designed in order to maintain the only access to the properties on the east side of the Mount Hope River.

During construction of the proposed bridge, it is recommended to maintain access to the properties utilizing the existing bridge. Given that the new structure is to be built off-alignment, the topography of the site dictates that the new bridge be placed approximately 25 feet north of the existing bridge. This will both maintain access to the properties as well as provide an opportunity to improve the horizontal alignment of the road.

Construction Sequencing

Prior to commencing construction, the contractor will supply and install turbidity curtains and sedimentation control devices as per the contract documents. Turbidity curtains are to be installed riverward of all proposed slope modifications, and the sedimentation control devices (i.e. siltation fence, hay bales) are to extend from the turbidity curtains to the limits depicted on the plans. Additionally, as recommended by the Connecticut Department of Public Health, a floating absorbent boom will be installed downstream of the construction site in order to catch floating immiscible contaminants that can potentially be released from the site. Also, a fuel spill remediation kit will be kept on-hand at the site.

All construction equipment (excavators, bulldozers, cranes, etc.) will be serviced, refueled and stored either off site (outside of the watershed boundaries if practical) or at an appropriately designated and prepared impervious servicing area with a secondary containment area. These extra precautionary measures have been implemented due to the site's location within the Windham Water Works public water supply watershed (Mansfield Hollow Reservoir Watershed).

Preceding excavation for the foundation of the proposed bridge, a temporary retaining structure will be required to support the roadway embankment between the existing and proposed structures.

Once the proposed bridge is constructed, additional turbidity curtains will be installed around the existing pier. The existing superstructure will be removed in its entirety. Substructure removal will include removing the existing abutments down to a depth between 2 and 5 feet from existing grade. In order to minimize impacts to the channel proper, pier removal will be conducted down to the top of the exposed pedestal foundation (which is dry under normal daily flow conditions). This will negate the need for cofferdam placement around the pier during construction, however turbidity curtains will be placed around the pier and work for removal of the pier stem will be conducted during periods of low flow. Debris generated from the removal of the pier will be collected and removed from the site.

The selection of the proposed bridge alternate was motivated in part by the environmental considerations associated with construction. The selected bridge consists of integral abutments with steel rolled beams and provides for a 75 foot clear span over the Mount Hope River. The use of the integral abutments and the implementation of the large span both minimizes required excavation depths and pushes the abutments as far away from the watercourse and associated wetlands as economically possible. This reduces potential impacts to the wetlands and essentially nullifies proposed construction impacts to the watercourse. The potential impacts are summarized in the following tables:

Direct Wetland Impacts – Wetland impacts are limited to the eastern shore of the Mount Hope River (North of the proposed abutment).

Description	Area	Volume
Embankment Grading	1170 S.F. 0.027 ac	+80 C.Y.

Impacts to the area adjacent to (within 150 feet) of the wetlands or watercourse:

Description	Area	Volume
Embankment Grading/travelway construction	21,190 S.F. 0.48 ac	+1320 C.Y.

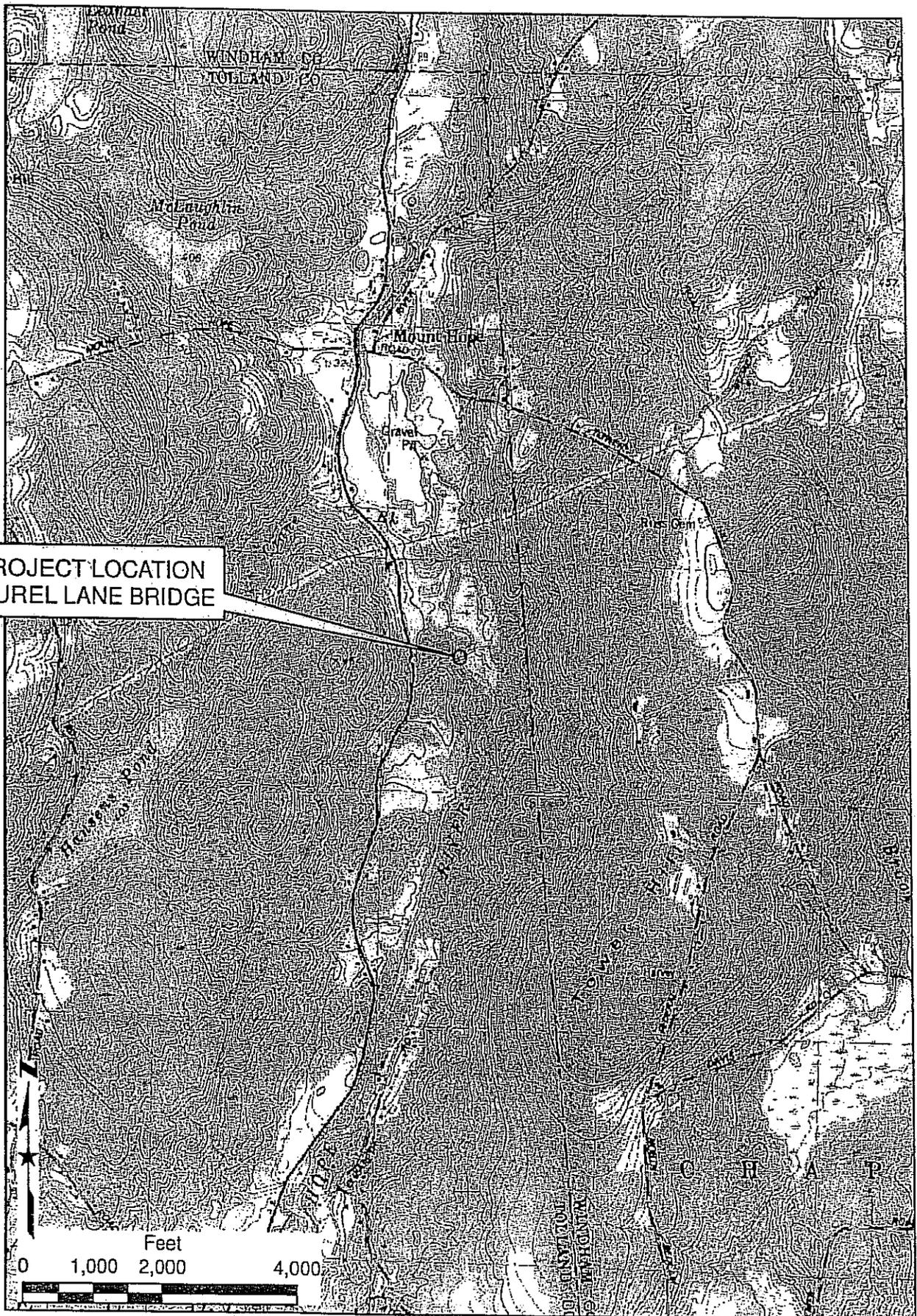
The roadway grading in as part of the subject project has been designed to maintain the dirt road surface with bituminous paving only in the immediate vicinity of the bridge. This will help with rainfall runoff management in that there will not be an appreciable increase in impervious surface, rather the existing drainage patterns will be maintained.

Part D – Site Description

The Mount Hope River is a small stream (<100 ft wide) which flows perennially with flows generated from a 33.9 sq mi watershed (as delineated at the downstream bridge face). This waterway flows through a moderate relief valley setting with very wide low lying floodplains greater than 10 times the channel width. The drainage basin can be characterized by forested floodplains in a valley setting with scattered swamplands.

Presumably when the Laurel Lane Bridge was constructed to service the properties to the east of the river, the roadway embankment was built up to form a causeway across the floodplain. This had created an impedance to the natural floodplain flows of the river. Consequently, this area contains a great deal of water during periods of high flow, with the only outlet of this area being the bridge opening itself. The land immediately adjacent to the subject bridge is somewhat undulating with local high points falling to meet the floodplain. Attached is a portion of the Spring Hill Quadrangle Map showing topographic relief around the bridge.

SPRING HILL QUADRANGLE (0041)



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.

Project Narrative - Attached

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 8.02.2010

3) Zone Classification Rural Agricultural Residence Zone 90 (RAR-90)

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) List the names and addresses of abutting property owners

Name Address
Project Narrative - Attached

2) Written Notice to Abutters . You must notify abutting property owners 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

1) Notice to Windham Water Works is attached. If this application is in the public watershed for the Windham Water Works (WWW), you must notify the WWW 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.

Part E – Alternatives

As part of the type study phase of this design project, several alternate bridge types were investigated to determine the most suited type for replacement. The factors that influenced the selection of the alternates were resulting hydraulics of the waterway, constructability of the proposed bridge in relation to the site conditions, construction cost, environmental impacts of the proposed bridge both during (short term) and after construction (long term), future maintenance of the structure and aesthetics.

The "no build" alternative, conventionally offered as an option was not included in this case due to the low tonnage rating of the existing structure (10 tons is less than many emergency vehicles) and the fact that the structure is not wide enough to carry the standard lane width and amount. Additionally, the most recent bridge inspection report had rated this bridge to be in poor condition.

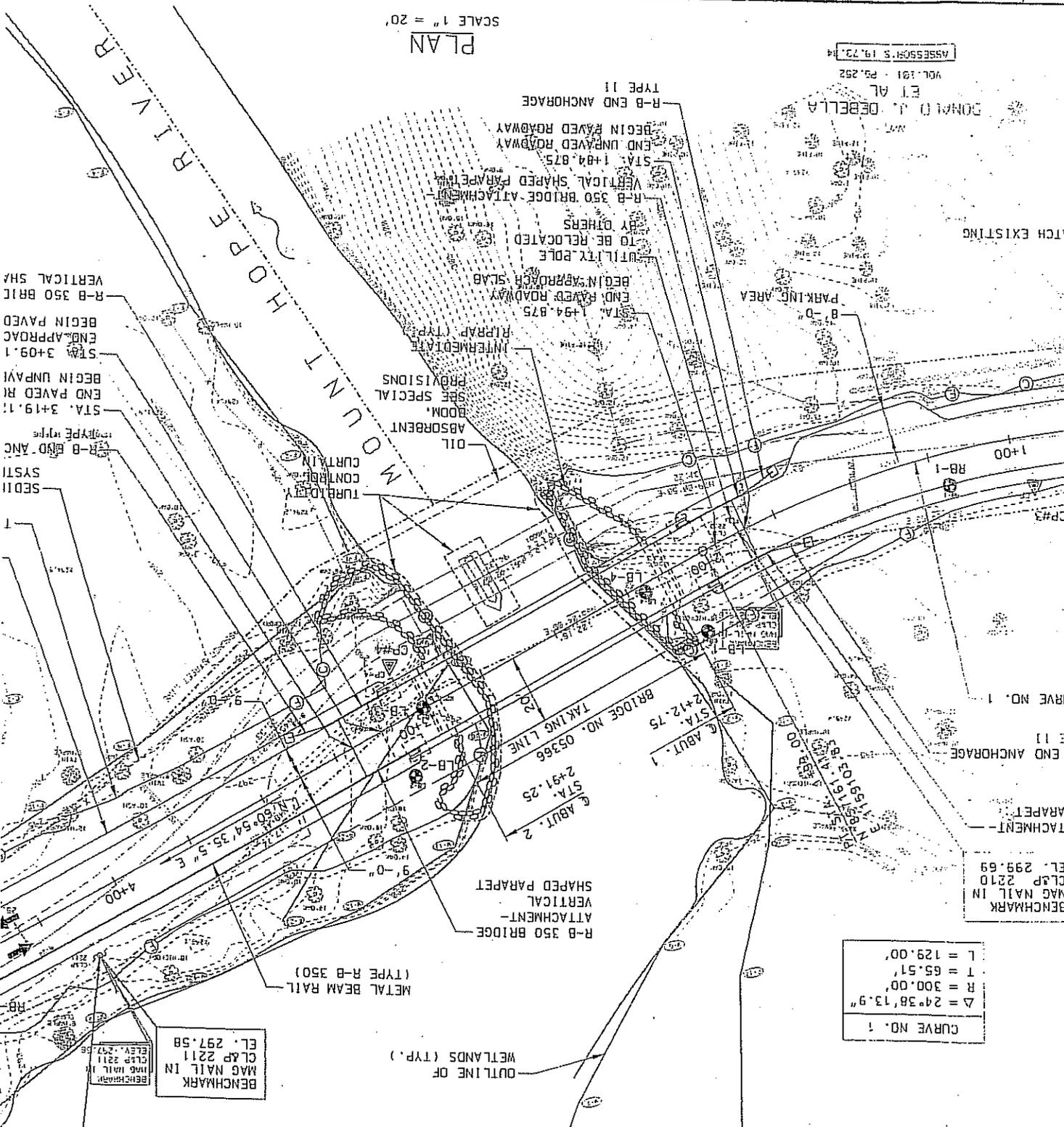
The four alternate structure types were:

1. A prestressed concrete butted box beam bridge
2. Rolled beams on cantilever abutments
3. Rolled beams on integral abutments
4. Two Precast concrete rigid frames

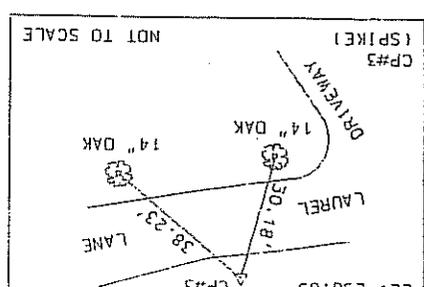
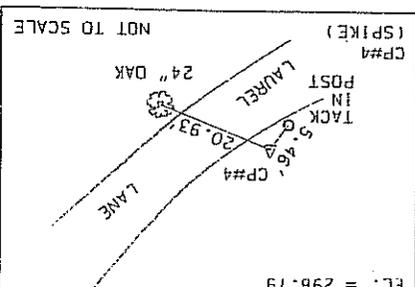
Alternate number 3 was recommended as the proposed structure for the reasons that there will be less native soil and bedding disturbance associated with construction. This alternate would not require any piles for the wingwalls which would result in less excavation associated with construction. In addition the construction of this bridge would make possible the removal of the existing pier in the waterway, helping the river to return to a more natural condition.

TOWN OF MANSFIELD

SCALE IN FEET
 1" = 20'
 SCALE 1" = 20'



△	= 24°38'13.9"
R	= 300.00'
T	= 65.51'
L	= 129.00'



UTILITY TO BE F BY OTH

- ⊙
- ⊙
- ⊙

BENCHMARK
 MAG NAIL IN
 CLIP 2211
 ELEV. 297.58

BENCHMARK
 MAG NAIL IN
 CLIP 2310
 ELEV. 299.69

Part H – Notice to Abutting Property Owners

John O. Berg	52 Laurel Lane Mansfield, Connecticut 06250
Donald J. and Joan K. DeBella	720 Warrentville Road Mansfield, Connecticut 06250
Algonquin Gas Transmission Company (Parent Company – Spectra Energy)	890 Winter Street Suite 300 Waltham, Massachusetts 02451

A written notice to all abutting property owners will be sent by certified mail stating that a wetland application is in progress, and that the abutters may contact the Mansfield Inland Wetlands Agent for more information.

TOWN OF MANSFIELD
DEPARTMENT OF PUBLIC WORKS



Lon R. Hultgren, Director of Public Works

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3331
Fax: (860) 429-6863
hultgrenlr@mansfieldct.org

August 25, 2010

Abutters of Laurel Lane Bridge:

Ladies and Gentlemen:

The Town is proceeding with the design for the replacement of the Laurel Lane Bridge over the Mt. Hope River.

We have filed an application with the Mansfield Inland Wetland Agency for a permit to reconstruct the bridge. The Agency will be receiving the application at it's September 6, 2010, meeting; however, we don't expect it to act on the permit until it's October 4, 2010 meeting.

If you have any questions, please call me at 429-3332 or e-mail me at HultgrenLR@mansfieldct.org.

Sincerely,

Lon R. Hultgren
Director of Public Works

Encl: permit excerpts
Cc: File



CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 Elm Street
Hartford, CT 06106-5127

GIS CODE #: _____
For DEP Use Only

Arthur J. Rocque, Jr., Commissioner

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete this form in accordance with the instructions. Please print or type.

PART I: To Be Completed By The Inland Wetlands Agency Only

1. DATE ACTION WAS TAKEN: Year _____ Month _____
2. ACTION TAKEN: _____
3. WAS A PUBLIC HEARING HELD? Yes _____ No _____
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM: _____
(print) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING: Mansfield, Connecticut
Does this project cross municipal boundaries? Yes _____ No X
If Yes, list the other town(s) in which the action is occurring: _____
6. LOCATION: USGS Quad Map Name: Spring Hill AND Quad Number: 41
Subregional Drainage Basin Number: 3206
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER: Town of Mansfield, Connecticut
8. NAME & ADDRESS/LOCATION OF PROJECT SITE: Laurel Lane Bridge over Mount Hope River
Briefly describe the action/project/activity: Full Replacement of Bridge Structure
9. ACTIVITY PURPOSE CODE: E
10. ACTIVITY TYPE CODE(S): 1 2 9 12
11. WETLAND / WATERCOURSE AREA ALTERED [must be provided in acres or linear feet as indicated]:
Wetlands: 0.027 acres Open Water Body: 0 acres Stream: 0 linear feet
12. UPLAND AREA ALTERED [must be provided in acres as indicated]: 0.48 acres
13. AREA OF WETLANDS AND / OR WATERCOURSES RESTORED, ENHANCED OR CREATED: 0 acres
[must be provided in acres as indicated]

DATE RECEIVED

PART II: To Be Completed By The DEP

DATE RETURNED TO DEP

Notification to the Windham Water Works
Of Application for a Project Within the
Willimantic Reservoir Watershed – Required by Public Act 89-301

P.A. 89-301 "An Act Implementing the Recommendations of the Water Lands Task Force and Concerning Water Diversions and Notification to Water Companies of the Storage of Hazardous Materials," requires applicants to provide a water company written notice of an application, petition, request or plan if the proposed project is located within the watershed of the wetland, zoning or planning and zoning commissions and zoning boards of appeal. The applicant must mail such notice within seven (7) days of the date of the application, by certified mail, return receipt requested. This form is furnished by the Windham Water Works to such boards and commissions in its watershed to be used by applicants to meet this requirement. Other forms or letters, as approved by each commission, may be used, but must contain the same information. To determine if a project is within the Willimantic Reservoir Drinking Water Supply Watershed, please consult the map(s) on file with the Commission or Town Clerk. Failure of an applicant to comply with this law may be grounds for a legal appeal of a decision rendered on the application due to a procedural error. Do not jeopardize your application, send your notification!

Application Submitted to: Inland Wetlands Commission
(Check one or more) Zoning Commission
 Planning & Zoning Commission
 Zoning Board of Appeals

Project is in the Town(s) of: Ashford Pomfret
(Check one or more) Chaplin Union
 Eastford Willington
 Hampton Windham
 Mansfield Woodstock

Type of Application: Zone Change Special Exception/Permit
 Subdivision Other. (Describe) Mansfield Inland Wetlands Permit
 Variance For The Replacement of the Laurel Lane Bridge

Name & Address of Applicant Town of Mansfield, Connecticut
4 South Eagleville Road, Mansfield, Connecticut 06268

Project Street Location/Nearest Utility Pole Laurel Lane Between Pole CL&P 2210 and
CL&P 2211

Contact Person Lon Hultgren, Town Engineer Phone No. (860) 429-3332

Brief description of application: (For example: 30 lot subdivision of single family homes on 60,000 square foot lots with on-site septic systems and wells in North Windham)

Replacement of the Laurel Lane Bridge over the Mount Hope River

Public Hearing Date: _____ Commission Meeting Date 10/04/2010

Enclose a copy of the application submitted to the Town and a full set of project plans. Mail this completed form or substitute by certified mail, return receipt request to:

Windham Water Works – Superintendent
174 Storrs Road
Mansfield Center, CT 06250

*Received
9/11/10
D. Smith*

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Memorandum:

September 1, 2010

To: Inland Wetlands Agency
From: Grant Meitzler, Inland Wetland Agent
Re: W1461 - Elshakhs - 23 Bundy Lane - above ground pool in buffer

plan reference: dated 7-12-2010

This application requests approval for installation of an above ground pool.

The wetlands here consist of the brook flowing from Mirror Lake and Horsebarn Hill that crosses Gurleyville Rd a short distance east of Bundy La. There is a fairly small band of wetlands along the edges of the brook that shows distinctive skunk cabbage growth and wetland soils extending from the brook towards the rear yard.

The proposed pool location is about 30' uphill from where I would place the edge of wetlands.

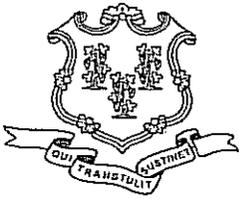
Having some concern for the optimum placement of this pool, I have spoken with Jeff Havens in the Health District, and met with Mr. Sabrina of Sabrina pools to review alternate locations that might be available on this site.

The Health District indicated the location proposed is acceptable to them under current regulations. This house recently had a new septic system installed that meets current regulations.

Mr. Sabrina and I met on the site with a measuring tape and looked at limitations placed on potential pool locations by various setback requirements. When we were on the field trip it appeared the pool might be moved closer to Bundy la and farther from the wetlands at the rear. Looking at moving the pool 30' in this direction, we found the alternate location restricted by the 25' sideyard requirement, and proximity to the house itself. We then looked at how much the pool can be moved away from the proposed location keeping the required sideyard and a reasonable distance from the house.

I suggest a flexible condition requiring that the proposed pool be shifted away from the wetlands at the rear of the property as much as practical within the restrictions of sideyard setback and a reasonable distance to the house.

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STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Approval of Authorization

University of Connecticut
31 LeDoyt Road, U-3055
Storrs, CT 06269-3055

Attn: Mr. Richard Miller

Re: Approval of Authorization
Utilities and Drainage

File No.: IW-201003632GP
Town: Storrs
Wetland / Watercourse: Unnamed Inland Wetlands

Dear Mr. Miller:

Your request for Authorization under the General Permit for Utilities and Drainage to install new underground utilities and trenching for the new water mains and electrical systems in the wetland area of the University of Connecticut in the Town of Storrs in accordance with your request and plans which are part thereof filed with this Department on May 27, 2010 signed by David S. Bjorklund, P.E. and dated August 19, 2005 ("the plans") has been approved.

The authorized activity will take place in the wetland area behind the Lakeside and Floriculture buildings of the University of Connecticut main campus in the town of Storrs ("site"). This authorization is being issued to the University of Connecticut (the "permittee") pursuant to the General Permit for Placement of Utilities and Drainage issued June 6, 2002 pursuant to Conn. Gen Stat. Section 22a-39 (the "general permit").

If you have not already done so, you should contact the U.S. Army Corps of Engineers to determine federal permit requirements on your project, if any. Write the Corps' New England Division, Regulatory Branch 696 Virginia Road, Concord, MA 01742-2751 or call at telephone number (978) 318-8388.

If you have any questions concerning this authorization, please contact staff in the Inland Water Resources Division at (860) 424-3019.

Permittee's failure to comply with the terms and conditions of this authorization and those of the general permit shall subject permittee and permittee's contractor(s) to enforcement actions and penalties as provided by law.

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This authorization is subject to the conditions described below.

SPECIAL CONDITIONS - None

CONDITIONS OF THE GENERAL PERMIT

(a) Operating Conditions

The permittee shall assure that each action with respect to which authorization has been sought and obtained under the general permit is, as applicable, constructed and maintained in accordance with the authorization and the following conditions:

1. Time of Year Restrictions on In-water Construction
 - (A) Between September 30th and May 31st the permittee shall not place fill, excavate material, or conduct any other construction activity in any watercourse unless such activity is confined by a cofferdam or other device which isolates such activity from the watercourse.
 - (B) The permittee shall not place fill, excavate material, or conduct any activity in any watercourse stocked with fish by the commissioner or any other person, or in any tributary to such watercourse, from 12:01 a.m. on Monday preceding the third Saturday in April through 12:00 midnight on the Sunday preceding the fourth Saturday in April.
 - (C) The permittee shall not place fill, excavate material or conduct any other construction activity in or adjacent to any watercourse, which activity may adversely affect anadromous fish, during the time period when anadromous fish are known or reasonably believed to be migrating in the watercourse.

2. Pollution Prevention/Best Management Practices

The permittee shall not cause or allow the authorized activity, including any construction associated therewith, to result in pollution or other environmental damage and shall employ best management practices to prevent such damage. The permittee shall, in addition to employing any other best management practices necessary to prevent such damage, do the following:

(A) Controlling Erosion

The permittee shall install and maintain in optimal condition erosion and sedimentation controls to prevent and control erosion and discharge of material into any waters of the state, including wetlands, as a result of the authorized activity or any construction associated therewith. Such controls shall be installed and maintained in conformity with

the *Connecticut Guidelines for Soil and Sediment Control*, as revised, published by the Connecticut Council on Soil Water Conservation pursuant to Section 22a-328 of the General Statutes.

(B) Proper Disposal of Material

All material and solid waste generated during any construction associated with such activity shall be disposed of in accordance with applicable federal, state, and local law.

(b) **Reporting and Record Keeping Requirements**

(1) Notice to Commissioner upon Initiation and Completion of Authorized Activity

No later than two weeks after initiating and after completing the authorized activity, the permittee shall give written notice of same to the commissioner.

(2) Record Keeping and Reporting of Drainage Maintenance Activities

With respect to a drainage maintenance plan described in subsection 3(a)(3) of this general permit and authorized hereunder, the permittee shall maintain a record of each action undertaken pursuant to such plan. Such record shall include the date(s) each such action was undertaken, a brief description thereof, the quantities of any material placed or removed in connection therewith, and the location of such activity. The permittee shall submit a copy of such record to the commissioner on January 30th of the year after the date the commissioner approved permittee's request for authorization, and shall continue every January 30th thereafter to submit to the commissioner a copy of such record as it applies to the preceding twelve months.

(3) Contractor Notification

If the authorized diversion will be constructed by a person(s) under contract to the permittee, the permittee shall (A) give a copy of the general permit and of the permittee's approval of authorization hereunder to such contractor(s) prior to the start of construction, and (B) for one year after completion of the authorized activity, retain a written receipt for such copy, signed and dated by such contractor(s).

(c) **Recording and Reporting Violations**

Within 48 hours after the permittee learns of a violation of the general permit, the permittee shall report same in writing to the Commissioner. Such report shall include the following information:

(1) the provision(s) of the general permit that has been violated;

- (2) the date and time the violation(s) was first discovered and by whom;
- (3) the cause of the violation(s), if known;
- (4) if the violation(s) has ceased, the duration of the violation(s) including exact date(s) and time(s) it was corrected;
- (5) if the violation(s) has not ceased, the anticipated date when it will be corrected;
- (6) steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented;
- (7) the signature of the permittee and of the individual(s) responsible for actually preparing such report, each of whom shall certify as follows:

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53-157b of the General Statutes, and in accordance with any other applicable statute.”

(d) **Modification of Authorized Activity**

In constructing the operating the activity authorized by the general permit, the permittee shall not make any alternation, except a de minimis alteration, to such activity without first obtaining the written approval from the Commissioner of such alteration. For the purposes of the general permit, a de minimis alternation means a change in the design or operation of the authorized activity that does not increase its adverse environmental or other impacts and does not significantly change its location.

(e) **Initiation and Completion of Authorized Activity**

The permittee may not initiate the authorized activity any sooner than sixty (60) days after filing a request for authorization. If the permittee does not complete the authorized activity within three (3) years after the date of the applicable approval of authorization, said approval shall be null and void.

(f) **Reliance on Request for Authorization**

In evaluating the permittee's request for authorization, the Commissioner has relied on information provided by the permittee. If such information proves to be false or incomplete, the permittee's approval of authorization may be suspended or revoked in accordance with law, and the commissioner may take any other legal action provided by law.

(g) Duty to Correct and Report Violations

Upon learning of a violation of a condition of this general permit, a permittee shall immediately take all reasonable action to determine the cause of such violation, correct such violation and mitigate its results, prevent further such violation, and report in writing such violation and such corrective action to the commissioner within five (5) days of the permittee's learning of such violation. Such report shall be certified in accordance with subsection 5(i) of this general permit.

(h) Duty to Provide Information

If the commissioner requests any information pertinent to the authorized activity or to compliance with this general permit or with the permittee's approval of request for authorization, the permittee shall provide such information in writing within thirty (30) days of such request. Such information shall be certified in accordance with subsection 5(i) of this general permit.

(i) Certification of Documents

Any documents, including but not limited to any notice, which is submitted to the commissioner under the general permit shall be signed by, as applicable, the registrant or the permittee in accordance with Section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53-157b of the General Statutes, and in accordance with any other applicable statute."

(j) Date of Filing

For purposes of this general permit, the date of filing with the commissioner of any document is the date such document is received by the commissioner. The word "day" as used in this general permit means the calendar day; if any date specified in the general permit falls on a Saturday, Sunday, or legal holiday, such deadline shall be the next business day.

(k) **False Statements**

Any false statement in any information submitted pursuant to this general permit or the request for authorization may be punishable as a criminal offense, in accordance with Section 22a-6, under Section 53a-157b of the General Statutes.

(l) **Correction of Inaccuracies**

Within fifteen days after the date a permittee becomes aware of a change in any information in any material submitted pursuant to this general permit, or becomes aware that any such information is inaccurate or misleading or that any relevant information has been omitted, such permittee shall correct the inaccurate or misleading information or supply the omitted information in writing to the commissioner. Such information shall be certified in accordance with subsection 5(i) of this general permit. The provisions of this subsection shall apply both while a request for approval of request for authorization is pending and after the commissioner has approved such request.

(m) **Transfer of Authorization**

An approval of Request for Authorization under this general permit is transferable only in accordance with the provisions of Section 22a-6o of the General Statutes.

(n) **Other Applicable Law**

Nothing in the general permit shall relieve the permittee of the obligation to comply with any other applicable federal, state, and local law, including but not limited to the obligation to obtain any other authorization required by such law.

(o) **Other Rights**

The general permit is subject to and does not derogate any present or future rights or powers of the State of Connecticut and conveys no rights in real or personal property nor any exclusive privileges, and is subject to all public and private rights and to any federal state and local laws pertinent to the property or activity affected by such general permit. In conducting any activity authorized hereunder, the permittee may not cause pollution, impairment, or destruction of the air, water or other natural resources of this State. The issuance of the general permit shall not create any presumption that the general permit should or will be renewed.

Authorization for Coverage
University of Connecticut
IW-201003632GP
UConn Main Campus, Town of Storrs

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This document consists of the approval of authorization as mandated by Section 3(b)(1) of the general permit. This approval shall expire on June 6, 2012 unless the general permit is extended past such date or within (3) years after the date of this approval, whichever comes first.

Date

8/16/10

Denise Ruzicka

Director

Inland Water Resources Division

cc: Lenard Engineering, Inc., P.O. Box 580, Storrs, CT 06268, attn: James E. Ericson, P.E.
Inland Wetlands Agency, 4 South Eagleville Rd., Mansfield, CT 06268
Conservation Commission, 4 South Eagleville Rd., Mansfield, CT 06268
Planning and Zoning Commission, 4 South Eagleville Rd., Mansfield, CT 06268