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DRAFT MINUTES
MANSFIELD INLAND WETLANDS AGENCY
Regular Meeting
Monday, February 7, 2011
Council Chambers, Audrey P. Beck Municipal Building

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

Chairman Favretti called the meeting to order at 7:00 p.m. Alternate Rawn was appointed to act in Goodwin's absence.

Minutes:

1-3-11 – Ryan MOVED, Plante seconded, to approve the 1-3-11 minutes as written. MOTION PASSED UNANIMOUSLY. Beal noted that he listened to the recording.

1-19-11 Special Meeting- Beal MOVED, Rawn seconded, to approve the 1-19-11 minutes as written. MOTION PASSED with all in favor except Pociask and Plante who disqualified themselves. Ryan noted that she listened to the recording.

Communications:

The 1-26-11 Wetlands Agent's Monthly Business report and the 1-19-11 Conservation Commission Draft minutes were noted.

Old Business:

W1467 - Listro - Candide Lane - Driveway Crossing

Joseph Boucher, Towne Engineering, reviewed the proposal and depicted the wetland areas identified on the plans and as flagged by John Ianni, Certified Soil Scientist. Boucher stated that there is no filling proposed in the wetlands and that all work is in the upland review area. He also noted that due to the 11.3% grade in the driveway, approximately 200 yards of material is proposed to be brought in for the driveway.

Lewis expressed concern for the surface of the driveway considering the degree of the slope and the potential for run-off to affect the wetlands.

Meitzler noted that due to the Agency's inability to view the site because of snow cover, he would like to continue discussion at the March meeting at which time the field trip can be rescheduled. His concern is the closeness of the wetlands on both sides of the proposed driveway. The Agency agreed to table further discussion until the March 7, 2011 meeting.

W1469 - Town of Mansfield - Statutory Regulation Revisions

Ryan MOVED, Holt seconded, to set the date of April 4, 2011 for the holding of a public hearing on regulation changes required by Public Act #10-85, affecting wording in Section 7.10, Section 10.9 and Section 10.10 of the Inland Wetlands and Watercourses Regulations of the Town of Mansfield. The proposed changes are detailed in a memorandum dated February 1, 2011 that is made a part of this motion. In addition, copies of the proposed revisions are to be referred to: The Connecticut Commission of the Department of Environmental Protection; the Mansfield Town Council; The Town Attorney; The Mansfield Conservation Commission; and the Mansfield Planning and Zoning Commission. MOTION PASSED UNANIMOUSLY.

New Business:

W1471 - Savin Foods, LLC - 153 N.Eagleville Rd - sewer connection

Pociask MOVED, Holt seconded, to receive the application submitted by Savin Foods, LLC (IWA file #1471) under Section 5 of the Wetlands and Watercourses Regulations of the Town of Mansfield for the installation of a sewer pump tank and force main connection to UConn force main and closure of existing septic systems, on property located at 153 North Eagleville Road and owned by Pesaros LLC, as shown on a map dated January 17, 2011 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.

W1472 - White Oak Condominiums - Modification Request, footing drain

Holt MOVED, Hall seconded, to receive the modification request and table action until the March 7, 2011 meeting. MOTION PASSED UNANIMOUSLY.

Other Communications and Bills:

Noted.

Adjournment:

Favretti declared the meeting adjourned at 7:27 p.m.

Respectfully submitted,

Katherine Holt, Secretary

DRAFT MINUTES

MANSFIELD INLAND WETLAND AGENCY/PLANNING AND ZONING COMMISSION
FIELD TRIP
Special Meeting
Tuesday, March 1, 2011

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

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

1. SAVIN FOODS LLC- SEWER CONNECTION, 153 North Eagleville Road
IWA File #W1471
The participants were met by the design engineer from Lenard Engineering who explained the proposed sewer connection. Site characteristics were observed. No decisions were made.
2. WHITE OAK CONDOMINIUMS- FOOTING DRAIN MODIFICATION
IWA File #W1472
Site and neighborhood characteristics were observed from White Oak Road. No decisions were made.
3. TUBRIDY PROPERTY- MAP CHANGE, North Frontage Road
PZC File #1297
(K. Holt disqualified herself and did not participate in the site review). K. Tubridy, property owner and applicant was present. Site and neighborhood characteristics were observed from the property frontage. No decisions were made.
4. LISTRO PROPERTY- RESUBDIVISION, Candide Lane/Stearns Road
IWA File #W1467, PZC File #1296
Project engineers J. Boucher and M. Maynard from Towne Engineering were present and pointed out the route of the proposed driveway. Site and neighborhood characteristics were observed from Candide Lane and portions of the existing Listro home site. No decisions were made.

The field trip ended at approximately 2:30 p.m.

Respectfully submitted,

K. Holt, Secretary

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Town of Mansfield
CONSERVATION COMMISSION
Meeting of 16 February 2011
Conference B, Audrey P. Beck Building
(draft) MINUTES

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

1. The meeting was **called to order** at 7:31p by Chair Quentin Kessel.
2. The draft **minutes of the 19 January 2011 meeting** were approved as corrected.
3. **IWA referrals.**
 - a. **W1471 (Savin Foods, 153 N. Eagleville Rd)** The proposal is to replace the septic system at this commercial property with a connection across N. Eagleville Rd to the UConn sewer line, which lies at the edge of wetlands. The Commission unanimously agreed (motion: Silander, Facchinetti) that no significant impact on wetlands is to be expected, provided standard erosion control measures are employed during construction.
 - b. **W1472 (White Oak Condominiums, Mansfield City Rd)** These condos were constructed on poorly drained land in the pre-IWA era. Building 4 now needs a footing drain with discharge to wetlands. The Commission unanimously agreed (motion: Silander, Facchinetti) that no significant impact on wetlands is to be expected from this project, provided standard erosion control measures are employed during construction.
4. **Natchaug River Basin Conservation Compact.** This compact (drafted by a working group of individuals from towns in the Natchaug River basin, assembled by the Green Valley Institute and The Nature Conservancy) calls for basin towns to “work cooperatively to balance conservation and growth by ... protecting and restoring the natural resources of the watershed,” including “supporting efforts to link and maintain ecologically viable habitats and rural landscapes.” The Commission unanimously endorsed the compact as a useful reminder of environmental responsibilities and urges the Town Council to adopt it.
5. **Agronomy Farm.** Facchinetti has obtained a long list of pesticides and herbicides used on the UConn Agronomy Farm, few of which are being tested for in water from the monitoring wells. Significant nitrates in one of the shallow wells suggest that runoff is contaminated with fertilizer – and perhaps with whatever else has been applied to the fields.
6. **Swan Lake diversion history.** Meitzler displayed plans (dated February 1974) for diversion of storm runoff from Swan Lake. They appear to have called for raising the dam at the west end (governing flow to Eagleville Brook) to 602.86 ft, while constructing a drain at the east end so that water above 602.46 ft flows under Rte 195 to Valentine Meadow.
7. **State Issues.** Kessel alerted the Commission to some state issues of concern/interest:
 - a. According to the Windham County Conservation Consortium, management of State Forests is suffering due to inadequate staffing of DEP’s Forestry Division. Its State Lands Management Program is operating (or not) with half the staff it had fifteen years ago.

- b. Some municipal lands are now closed to recreation because courts have ruled that statutory provisions protecting private landowners from liability for recreational use do not apply to them. Legislative remedies have been proposed in S.B. 43 & 90 and H.B. 5254.
- c. Connecticut state statutes require that at least one member of (or staff person for) an inland wetland commission have appropriate training (usually provided by the DEP). H.B. 5097 would require “municipal inland wetlands commissions to state on the record, after convening a public hearing, whether the members of the commission are in compliance with all statutory training requirements.” Some observers fear that doing so would make some IWA decisions vulnerable to legal challenge by developers.

8. Dark Sky ordinance. Kessel will attend a Green Valley Institute presentation on 2/28 in Chaplin on preserving a view of the stars in the Last Green Valley.

9. Adjourned at 8:40p. Next meeting: 7:30p, Wednesday, 16 March.

Scott Lehmann, Secretary, 20 February 2011.

Memorandum:

February 24, 2011

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

W1419 - 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.
- W1445 - 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. Chernushek'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.
- 10.26.10: A sale of the East portion of the Chernushek property has been in negotiation.
- 12.27.10: The property exchange has been completed. The owner is now the neighboring property owner Bernie Brodin. He has indicated his intention to stabilize the area as weather permits.

Mansfield Auto Parts - Route 32

- 2.18.10: Same - they are in the process of rebuilding the engine on the payloader.
- 3.30.10: Same - Mr. Bednarczyk indicates a continuing 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.
- 9.28.10: Inspection - no vehicles are within 25' of wetlands.
Tire removal is continuing with 1 to 2 roll-off containers being removed per month.
- 10.07.10: Inspection - no vehicles are within 25' of wetlands.
Tire removal has been continuing.
- 11.29.10: Inspection - no vehicles are within 25' of wetlands.
Owner has been trucking cars for crushing with 6 tires per vehicle. He indicates 3 cars per day or 18 tires per day. The actual number is probably lower than 18.
- 12.23.10: Inspection - no vehicles are within 25' of wetlands.
- 1.07.11: Inspection - no vehicles are within 25' of wetlands.
- 1.20.11: Vehicle storage areas are snowed in and inaccessible.
- 1.26.11: Snows remain, although some clearing has been done I could not count on being able to get out.
- 2.24.11: Inspection - no vehicles are within 25' of wetlands.

Wetlands Draft Approval Motion for:

WI467 - Suzanne and John Listro

_____ moves and _____ seconds, to approve an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to **Suzanne and John Listro**), for construction of a residence with appurtenant construction on land located at 260 Stearns Road and 12 Candide lane, as shown on a site plan dated November 4, 2010, revised to March 3, 2011, and 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. Erosion and sedimentation controls shall be in place as shown on the plans prior to construction, maintained during construction, and removed when disturbed areas are completely stabilized.
2. Construction of the driveway shall be done between June 1 and October 15 to lessen the chance of sediment movement into the adjacent wetlands.

This approval is valid until **March 7, 2016**, at which time a renewal of the permit is required if work has not been completed. 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.

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Memorandum:

March 3, 2011

To: Inland Wetlands Agency
From: Grant Meitzler, Inland Wetland Agent
Re: W1467 - Listro - Candide La & Stearns Rd - Resubdivision

plan reference: dated Nov. 4, 2010, revised to 3.03.2011
letter: John Ianni, Soil Scientist dated January 19, 2011

This application for a resubdivision takes portions of two adjacent lots and creates a new third lot. No work takes place in wetlands but most of the new lot's driveway and small portion of the new septic system layout are within the 150 foot regulated area next to wetlands.

There are three distinct wetland areas here:

1. fronting on Stearns Rd and partly on each of the two existing lots there is an area about 300 feet wide and about 500 feet long at its widest point. I'll refer to this as the Stearns Rd wetland.

This is the most important of the three areas mapped for this re-subdivision. I consider it important in being the least disturbed wetland area on the site.

Outflow from this large wetland area is intermittent and seasonal only. This appears to be largely groundwater controlled. There is a crude manmade outflow watercourse flowing from it that connects to wetland 2. below and flows eventually to the large pond on the other side of Candide Lane.

Earlier this year I walked the site with Towne Engineering representatives, and there was no flow or indication of any brook bed, dry or otherwise and the area was mowed grass directly across the overflow location. The plan maintains this outflow option with a substantially sized, open bottom arched pipe under the proposed new driveway.

2. On the north side of the proposed driveway there is a similar tree & shrub swamp fronting on Candide Lane. This wetland has regular outflow and is piped to a discharge point on the other side of Candide Lane. I'll refer to this wetland as the Candide La wetland.

Along the south edge of this Candide lane wetland there is a substantial ditch that runs quite near the first 180' of the proposed driveway. See photograph no. 1 showing evidence of bulldozer tracks along this old excavation (c.1965). The photo was taken midway along the lower section of the driveway and looking towards Candide Lane. Signs of piled excavation material are evident along the sides of the ditch. The area north of this ditch is a second tree and shrub swamp located both on the Listro property and on adjacent land farther north. The manmade ditch catches outflow from this Candide lane wetland to a pipe under Candide Lane leading to a large manmade pond on the property on the west side of the road.

The discharge from this wetland area already has a drainage easement in favor of the Town of Mansfield for maintenance purposes. The area of the easement is 30'x 50' and meets our current Public Works Dept. requirements. The area remains a large wetland but with an old bulldozer swath along the edge nearest the proposed drive. There are also obvious signs of an earth moving operation on an upland areas of the proposed lot near Candide Lane.

3. On the south side of the proposed driveway, near Candide Lane, there is a wetland much smaller than either of the two noted above.

This small wetland is noted by the soil scientist as the result of former excavation. It is approximately 30'x 60' in size and there is not any surface flow connection with wetland 2, above. When I was there earlier this year I saw no standing water although standing water was present yesterday.

Separation Distance
from Wetlands

house	203 feet
primary septic	133
reserve septic	123
driveway	7 * **
well	237
footing drain	90
BAE	97
DAE	85

- * This is along wetland 2 and near a point on wetland 3. Grading and silt fence will be essentially at the edge of the wetlands. Double silt fence protection is recommended.

** See Photographs showing appearance of this closest wetland area.

The Stearns Rd wetland area is well separated from proposed work. Approximately 40 feet of the proposed reserve area system and 25' of the primary septic system are within the 150 foot regulated area. Other work is limited to possible lawn clearing in the Development Area Envelope that is 80 feet or more away from the edge of the Stearns Rd wetland area.

Conservation Easements have been placed over the Stearns Rd and Candide Lane wetland areas (1 and 2, above). For Stearns Rd wetland 1, an area of 3.3 acres is indicated with part on each of the two existing Listro lots. For wetland 2, an area of 0.93 acres is indicated. This wetland continues onto adjacent land to the north owned by others.

The proposed drive entrance is from Candide Lane leading to a proposed house location on raised land at the rear of the new lot. The proposed driveway runs over the connecting swale overflow between the Candide and Stearns Rd wetlands.

Surface drainage from the drive has been dealt with as follows:

- A. An open bottom pipe arch has been provided to maintain connection from wetland 1 to wetland 2 at the base of the hill sloping up to the proposed new house location.

This treatment is consistent with the provisions of the recent DEP guidelines book on storm flow treatment. The open bottom provides extra drainage capacity and should maintain animal passage between the Candide Ia and Stearns Rd wetlands areas.

- B. Midway up the steeper part of the drive leading to the house location,

drainage has been dealt with using sheet flow in part and a pipe placed across the driveway with a stone level spreader treatment on the downhill side of the drive.

The driveway runs quite close to the Candide La wetland area for about 180 feet. Silt fencing is shown along the driveway between the proposed drive and the Candide Lane Wetland area. Silt fencing is indicated on each side of the driveway past wetland areas 2 and 3. Wetland area 3. has the driveway as close as 5 feet at one point. I discount this due to the description by the soil scientist that this area is a man made excavation. The larger Candide Lane Wetland area has about 180 feet of the proposed driveway length about 5 to 10 feet away from wetlands. At wetland flag 13, the grading for the drive shoulder and the silt fencing is at the edge of the wetland. This part of the Candide Lane wetland is the manmade ditch shown in the two attached photographs.

I have asked for more silt fencing protection along this close part of the driveway. Joe Boucher, Towne Engineering, has suggested use of silt fence backed with wood chips as an alternative treatment. I consider this an acceptable alternative. The stockpile area adjacent to the driveway near Candide lane has also been eliminated to move work farther away from the small man made wetland area near Candide Lane.

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3-01-11



photo
no.
1

Looking NE to Cavellide Lane along dozer path

3-01-11

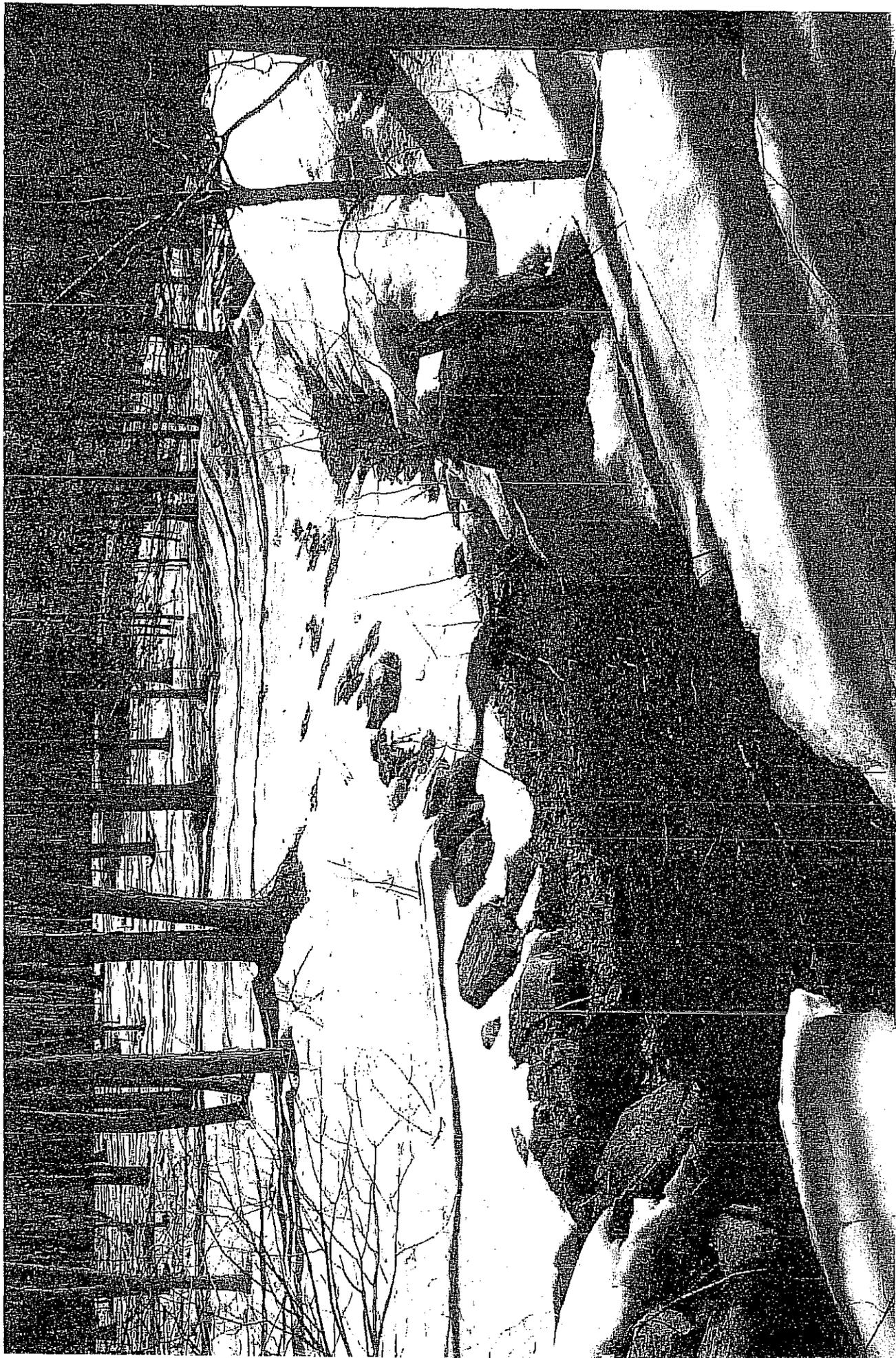


PHOTO NO. 2

looking ESEly along dozer path to driveway Xing

Wetlands Draft Approval Motion for:

W1471 - Savin Foods LLC

_____ moves and _____ seconds, to approve an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to Savin Foods LLC (file no. W1471), for installation of underground utilities to connect to UConn sewers and gas within regulated areas located at and adjacent to 153 North Eagleville Road.

The work along North Eagleville Rd includes removal of the present non-conforming septic systems, connection to a sewer force main and gas main, excavation and repair of parking lot, landscaping repairs, and a sidewalk along the north edge of N.Eagleville Rd, as shown on a site plan dated January 17, 2011, and 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. Erosion and sedimentation controls shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized.
2. Silt "socks" are to be installed at catch basins grates that will catch flow into the drainage system along the edge of N.Eagleville Rd.
3. This approval is to become effective when other required approvals are obtained.

This approval is valid until March 7, 2016, at which time a renewal of the permit is required if work has not been completed. 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.

Memorandum:

March 2, 2010

To: Inland Wetland Agency

From: Grant Meitzler, Inland Wetland Agent

Re: W1471 - Savin Foods LLC - North Eagleville Rd - New utilities in buffer

plan references: map dated January 17, 2011

This application proposes of existing older and non-conforming subsurface septic systems and connecting to the UConn sewer treatment system and to an adjacent gas line - both are located along the opposite side of N. Eagleville Rd.

The wetlands located here is the Eagleville Brook itself with small areas adjacent to the brook that have remained wetlands. The brook is on the opposite (north) side of N.Eagleville Rd. Flowing to the west, the brook enters a large wetland area on the west side of King Hill Rd. This is more than 150' away from proposed work.

None of the work shown is to take place within wetlands.

Work will consist of excavations in the parking lot and across N.Eagleville Rd to connect to underground gas and sewer lines on the north side of the road, scaling at 15 to 20 feet away from the brook.

Removal - as required by the Health District - of system on the King Hill Rd side of the building is also indicated. This is located just over 150' from Eagleville Brook.

The entire site is paved, or roof, and maintained landscaping. I think any long term impacts are very unlikely. Equipment can move and excavated materials adequately stored on the paved surfaces. The plan indicates a hay bale barrier being placed across the entrance drive to the parking area parallel to N.Eagleville Rd. There is a pipe and catch basin system located along the south side of N.Eagleville Rd downhill of the proposed road crossing suggesting protective "socks" placed at each grate inlet.

Prompt completion of work and stabilization of the work areas will offer a minimum of short term construction impacts. I see this as an improvement to a site that is positive for the adjacent wetlands.

The very open nature of this site and work area will make it a very easy operation to monitor.

North Eagleville Rd is a state highway (Route 430). This road crossing will require a highway permit from ConnDOT. An agreement regarding UConn's requirements for this work has also been submitted. A gas Company approval is also a requirement.

Wetlands Draft Approval Motion for:

Re: W1472 - White Oak Condominiums

_____ moves and _____ seconds, to approve a modification of wetlands file W1420 for installation of building drains, yard grading, and outlet flow protection for Building no. 4, White Oak Condominiums, as outlined in application submissions including a map dated 3.31.2010 and revised through 2.08.2011.

This action is based on a finding of no significant impact, and is conditioned on the following provision being met:

1. All erosion and sediment controls (as shown on the plans) shall be in place prior to construction, maintained during construction, and removed when disturbed areas are completely stabilized.
2. work is to be done between the dates of June 1 and October 15 when groundwater levels re expected to be lower.

This modification is valid for the original period of five years approved for file 1420 (until January 20, 2014), 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.

Memorandum:

March 2, 2011

To: Inland Wetland Agency

From: Grant Meitzler, Inland Wetland Agent

Re: W1472 - White Oak Condominiums - Building 4, footing drain

plan reference: dated revised to 2-08-2011

Previously the wetlands agency approved File no. W1420 for major septic system replacement connecting all the buildings to a large leachng field in a separate location in an easement located on adjacent town peoperty (2008). This involved a large sewer collection system throughout the complex eliminating the individual leaching systems for the separate buildings.

This modification is for installation of a footing drain system around building no. 4 including grading to keep water away from the foundation to deal with internal and external water problems.

This building is at the very edge of the 150 foot regulated area. The full length of the drain outlet is within the regulated area. Due to the ground elevations the drain outlet has been placed at the edge of the wetlands behind the building. Following discussion at the last wetlands meeting, a stilling basin has been added to the plan and it has been placed on the latest revision of the plan referenced above.

I suggest waiting to do this work between June 1 and October 15 when groundwater levels should be lower.

I consider this a needed change.

**TOWN OF MANSFIELD
INLAND WETLAND AGENCY**

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILL ROAD
STORRS, CT 06268
(860) 429-3330

FILE

January 21, 2009

White Oak Condominium Association, Inc.
c/o White & Katzman Property Management
Scott Glennon, President
111 Roberts Street
East Hartford, CT 06108

Re: Mansfield's IWA approval
IWA file #1420

Dear Sir,

At a meeting held on 1/20/09, the Mansfield Inland Wetland Agency adopted the following motion:

"To grant an Inland Wetlands License under Section 5 of the Wetlands and Watercourses Regulations of the Town of Mansfield to **The White Oak Condominiums** (file no. W1420), for installation of piping for a sewer collection and force main piping system through the development and along White Oak Road, crossing a small wetland area with seasonal flow and within 150 foot regulated areas adjacent to wetlands, as shown on plans dated 12/01/2006, revised through 11/12/2008, and as described in other application submissions. This action is based on the application submissions, and consideration of applicable regulations.

Based on the above considerations, the Agency hereby finds this project will not cause significant impact, provided the following conditions are met:

1. All erosion and sedimentation controls (as shown on the plans) shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized.
2. At the wetland crossing located 400 feet in from Mansfield City Road, the top 12 inches of the excavation for the force main shall be protected with stone for erosion protection.

This approval is valid for a period of five years (until January 20, 2014), 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."

This letter constitutes your license.

If you have any questions regarding this action, please call the Planning Office at 429-3330.

Very truly yours,

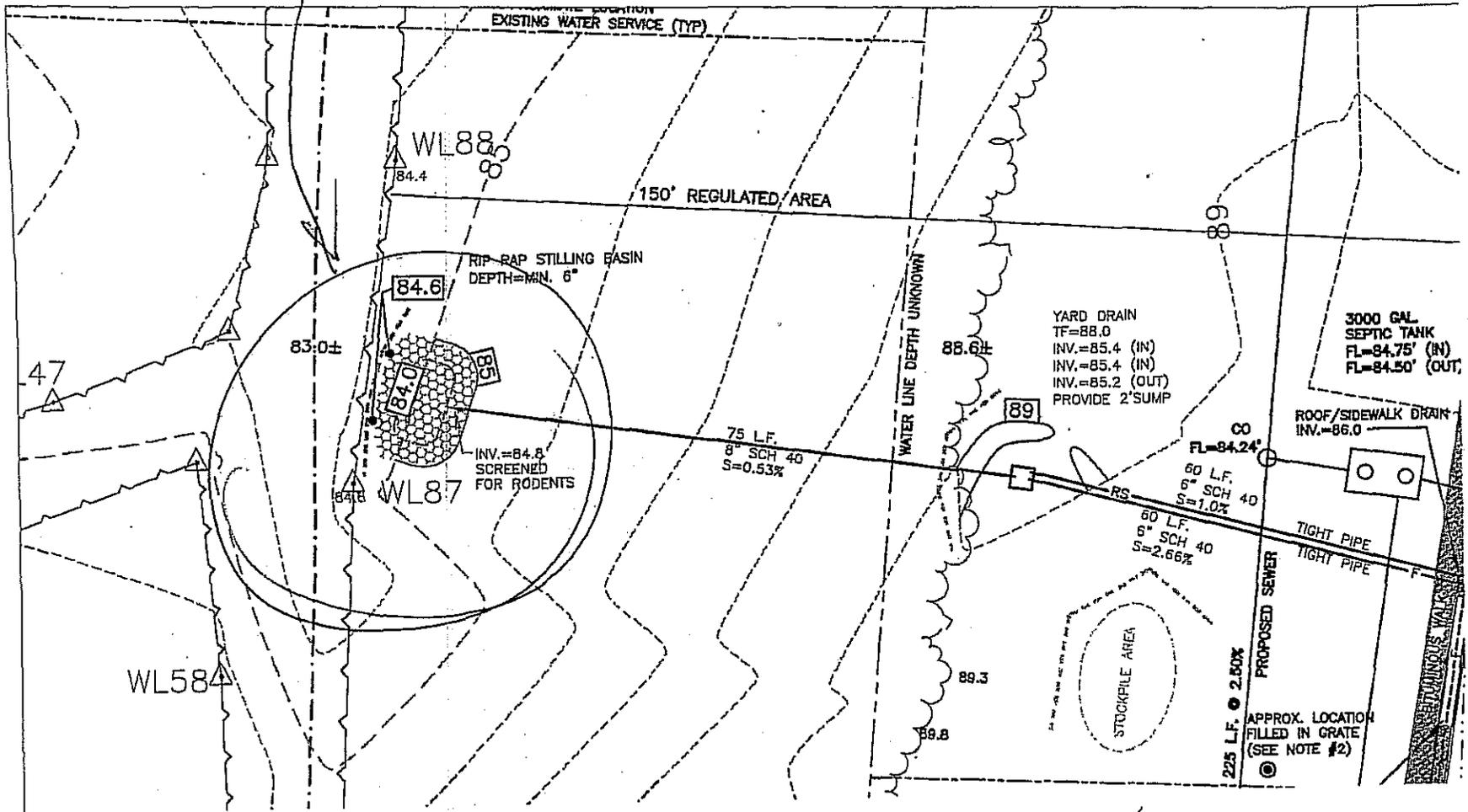


Katherine K. Holt, Secretary
Mansfield Inland Wetland Agency

Cc: Gardner & Peterson Associates

rip-rap stilling basin

2-08-11
revision.



#4 White Oak showing
outlet protection added.

Memorandum:

March 2, 2011

To: Inland Wetland Agency

From: Grant Meitzler, Inland Wetland Agent

Re: New Business for the March 7, 2011 meeting

New Application:

W1474 - Plimpton - Wormwood Hill/Gurleyville R - 3 lot subdivsion

	yes	no
	-----	-----
fee paid	x	
certified receipts	x	
map dated	Jan.2011	rev. Feb 9, 2011

This subdivision proposes 3 lots - two on a shared driveway on Gurleyville Rd, and 1 lot on a long drive off Wormwood Hill Rd.

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 1474
Fee Paid \$410 -
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 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 SCOTT PLIMPTON

Mailing Address 627 WORMWOOD HILL RD.

MANSFIELD CENTER, CT Zip 06250

Telephone-Home 860-429-9786 Telephone-Business ^{CELL} 860 573-9607

Title and Brief Description of Project

PLIMPTON LAND SUBDIVISION - 4 LOT RESIDENTIAL
SUBDIVISION

Location of Project 627 WORMWOOD HILL ROAD

Intended Start Date SUMMER 2011

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

SOIL EXCAVATION AND THE PLACEMENT OF FILL WITHIN AN UPLAND REVIEW AREA FOR CONSTRUCTION OF A COMPACTION GRAVEL SURFACED DRIVEWAY ACCESSING TWO NEW BUILDING LOTS, LOT GRADING AND THE INSTALLATION OF UNDERGROUND UTILITIES, WELLS AND SEPTIC SYSTEMS. NO ACTIVITY IS PROPOSED IN A WETLAND OR WATERCOURSE - CLOSEST ACTIVITY IS 50' FROM A WETLAND. THE NEW LOTS WILL DRAIN TO WETLANDS. CONSTRUCTION WILL BE COMPLETED USING EXCAVATORS, DOZERS + DUMP TRUCKS.

SEE ATTACHED SUPPLEMENT FOR MORE DETAIL.

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

DISTURBANCE IN WETLAND = 0 SF
DISTURBANCE IN 150' UPLAND REVIEW ZONE = 79,019 SF (1.8 AC)
CUT = 631 CY + FILL = 1928 CY IN UPLAND REVIEW ZONE.

3) Describe the type of materials you are using for the project: ON-SITE SOIL EXCAVATED FROM DRIVEWAY CONSTRUCTION, IMPORTED DRIVEWAY AND SEPTIC SYSTEM GRAVEL AND STANDARD WOOD FRAME CONSTRUCTION.

- a) include type of material used as fill or to be excavated GRAVEL
- 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).

STANDARD EROSION AND SEDIMENTATION CONTROLS.

SEE SUPPLEMENTAL INFORMATION.

Part D - Site Description

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

MODERATE TO STEEP SLOPES (HILLY) WITH SOME WELL DRAINED SOIL. SEE SUPPLEMENTAL INFORMATION.

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. NOT REQUIRED AS THERE IS NO FILL PROPOSED
IN WETLANDS.

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 JAN. 2011, REVISED FEB 9. 2011

3) Zone Classification RR-96

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

SEE SUBDIVISION PLANS, SHEET C-2

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.

2) 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.

- 3) 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.)

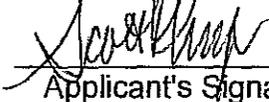
Part L - Filing Fee

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

___ \$365. ___ \$110. ___ \$60. ___ \$25.

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

2.28.11

Date

Supplemental Information
Application to Conduct a Regulated Activity
Within an Upland Review Zone of an Inland Wetland
Mansfield Center, CT

APPLICANT/OWNER: Scott Plimpton
627 Wormwood Hill Road
Mansfield Center, CT 06250
Phone: 860-573-9607

PROPERTY ADDRESS: 627 Wormwood Hill Road
Map 11, Block 49, Lot 14

PROJECT: Proposed 4-lot residential subdivision on a 49.36-
acre parcel of property.

The following information is provided in accordance with Section 7.0 of the Mansfield Inland Wetland Agency regulations:

- 7.5.D A copy of the Mansfield Assessor's map showing the property proposed to be subdivided and all land within 1,000 feet of the property is included in the application package.
- 7.5.E The development is proposed on a 49.36-acre parcel of property located on the southeast side of Wormwood Hill Road at the intersection of Gurleyville and Mount Hope Roads. The site contains approximately 13.7 acres of wetlands, although no disturbance of any wetlands is proposed. All work will be confined to the upland areas beyond 50-feet of wetland boundaries and partially within the 150-foot wetland upland review area.

On-site wetlands have been delineated in the field by a certified soils scientist and surveyed and mapped by a licensed land surveyor.

The subject property encompasses an existing residence with an approximate 3.5-acre open yard area and a small pond and approximately 45.8 acres of gently to steeply sloped wooded areas that include four regulated State of Connecticut inland wetlands. The property is at the top of a watershed (Wormwood Hill) and runoff from the site is primarily derived from rainfall that falls onto the property. All runoff from the site generally discharges westerly to a wetland (wetland #1) and the Fenton River valley, northerly to the isolated small pond (wetland #2) at the Plimpton residence that ultimately drains via overflow to wetland #1, northerly to a third wetland (wetland #3), a culvert under Gurleyville Road and ultimately to Fishers Brook, and northerly to a fourth wetland (wetland #4) to a second culvert under Gurleyville Road and ultimately Fishers Brook. The site presently exhibits extensive wooded areas classified as interior forest tracts per the Mansfield Plan of Conservation and Development. Per the soil survey for Tolland County, soils at the site consists primarily of moderately to well

drained Sutton/Canton/Charlton and Chatfield fine sandy loam (hydrologic soil group B) in the upland portions of the site and poorly drained Ridgebury/Leicester/Whitman stony fine sandy loam (hydrologic soil group C) in the lower lying wetland areas of the site.

- 7.5.F No activities are proposed within the regulated wetlands. Proposed activities within the 150-foot upland review zone include soil excavation and the placement of fill for construction of a common gravel surfaced driveway accessing new building lots 2 and 3, lot grading and the installation of associated underground utilities, wells and septic systems. Construction activities associated with the new driveway are fully described and detailed in the Erosion and Sedimentation Control Plan included as part of the Subdivision Plan for the project.

Construction of the driveway, house and yard areas for Lot 2 and 3 will convert approximately 3.0 acres of woodland to the gravel surfaced driveway, impervious building roofs and grassed yard areas; no paved surfaces are proposed within the wetland upland review zones. Stormwater runoff from the two lots discharge to two separate wetlands and the minor increases in runoff resulting from development of the lots will have no adverse impact to the wetlands. Also, the installation of erosion and sedimentation controls in accordance with the State of Connecticut Department of Environmental Protection "Guidelines for Soil Erosion and Sediment Control Handbook" and the proposed sequencing of construction of the driveway and lots will minimize the potential for soil erosion and sediment discharge to the wetlands. Silt fence will be placed along the toe of fill slopes to control sedimentation and cut and fill slopes will be stabilized as soon as possible through the establishment of turf.

- 7.5.G As there are no activities proposed within the regulated wetlands no alternative analysis is required for this project.
- 7.5.H The Subdivision Plans accompanying the permit application include an Existing Conditions Survey Map (Class A-2 Boundary with bearings and distances of existing property lines, and all existing property line monuments) depicting site physical features and 2-foot contours, driveway plans and profiles depicting driveway grades and drainage features, conceptual lot development plans showing lot grading and drainage, an erosion and sedimentation control plan, and details for erosion and sedimentation control, drainage structures, utilities, etc. Depiction of wetlands, areas of steep slopes, forestland, etc. are shown on a Natural Resource Plan.
- 7.5.I Names and mailing addresses of all abutting property owners is provided on the Subdivision Plans.
- 7.5.J The signature of the Applicant/Owner on the permit application form signifies that the Applicant/Owner is familiar with the information provided on the application form and this document and that they understand their responsibility to seek approvals from state and federal agencies if necessary, and that they are

aware of the penalties for obtaining a permit through inaccurate or misleading information.

7.5.K The Applicant/Owner of the property hereby authorizes members and/or agents of the IWWC to inspect the subject property.

7.5.L A completed CTDEP form is included with the permit application package.

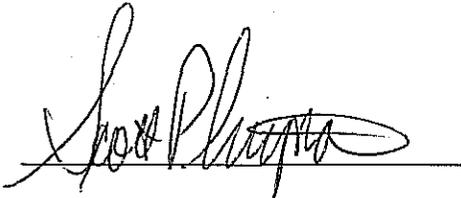
7.5.M The State of Connecticut Natural Diversity Data Base has been checked and per the December 2010 natural Diversity Data Base Map for the Town of Mansfield, no state or federal listed species or significant natural communities exist at the project site.

7.6 The Applicant/Owner hereby certify that:

- The regulated activity is not located within 500 feet of the boundary of an adjoining municipality.
- Traffic attributable to the completed project will not use streets within an adjoining municipality to enter or exit the site.
- No sewer or water drainage from the project site will flow through and impact sewage or drainage systems within adjoining municipalities.
- Water runoff from the improved site will not impact streets or other municipal or private property within an adjoining municipality.

8.4 The Applicant/Owner has notified property owners abutting the site of the proposed activities associated with the land subdivision project requiring a permit from the Mansfield Inland Wetland Agency. The notice was sent via certified mail to all property owners listed on the Subdivision Plans.

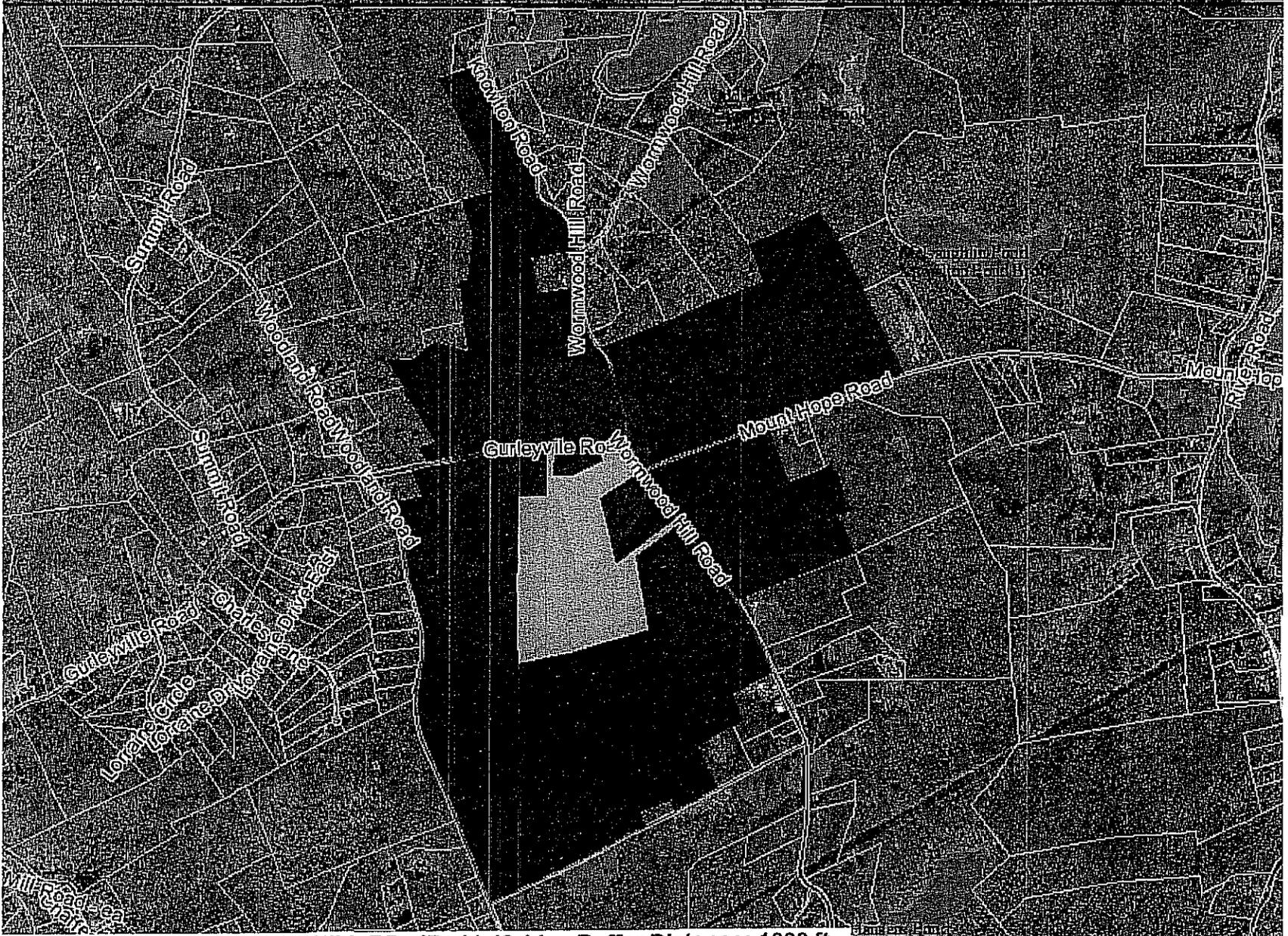
Respectfully Submitted,



Scott Plimpton
627 Wormwood Hill Road
Mansfield Center, CT 06250

Date: 2-28-11

Town of Mansfield, CT - 627 Wormwood Hill Rd 1000' Abutters



- MapGrid
- towns
- Dimensions
- Address
- ParcelID
- Area
- Streets
- Parcels
- powerlines
- water
- wetlands
- Town roads
- highways



1 in = 1595.55 ft

Printed:
2/28/2011



Location: 627 WORMWOOD HILL RD ID: 11.49.14 Buffer Distance: 1000 ft

MainStreetGIS, LLC - www.mainstreetgis.com / info@mainstreetgis.com

Disclaimer: This map is for assessment purposes only. It is not valid for use as a survey or for conveyance

The North Central Conservation District and
USDA Natural Resources Conservation Service Present:

Flame-Weeding for Invasive Shrub Control Workshop



Flame-weeding uses a controlled flame to heat the base of shrubs so that the sap boils and the plant subsequently dies. In this workshop, you will learn techniques for site evaluation, time estimations for treatments, and field safety.

Following lunch*, there will be a hands-on demonstration of the equipment.

*{Bring your own lunch.}

Instructors: Jeffrey Ward and J.P. Barsky, *Connecticut Agricultural Experiment Station*
Jane Seymour, *Connecticut Department of Environmental Protection*

Date: Tuesday March 22, 2011

Place: Tolland County Agricultural Center
24 Hyde Avenue, Vernon CT 06066

Time: 10:00am – 3:00pm

Details: Bring lunch; dress for afternoon outside (mud boots)

Workshop is Free
Pre-Registration Required
Space is Limited, Register Early

**Contact the North Central Conservation District to
Pre-register or for more information
(860) 875-3881**

PAGE
BREAK



Permit Application for the Use of Pesticides in State Waters

Please complete this form in accordance with section 22a-66z CGS and the instructions (DEP-PEST-INST-200) in order to ensure the proper handling of your application. Print or type unless otherwise noted.

DEP USE ONLY	
Application No.:	_____
Rec'd CPPU:	_____

Part I: Fee Information

A fee of \$200.00 is to be submitted with each permit that you are applying for. Each site requires a separate permit. There is no discount for municipalities. The application will not be processed without the fee. The fee shall be non-refundable and shall be paid by check or money order to the Department of Environmental Protection.

Part II: Site Location

1. Name of Waterbody: **Benson's Pond**
 Street address and/or description of location:
494 Wormwood Road
 City or Town: **Mansfield**

2. GIS/ID No. (If known): **10532**

Part III: Applicant Information

1. Fill in the applicant's name and phone number as indicated on the *Permit Application Transmittal Form* (DEP-APP-001).

Applicant: **Lycott Environmental, Inc** Phone: **508-765-0101**

2. List primary contact for departmental correspondence and inquiries, if different than the applicant.

Name: **Lycott Environmental, Inc.**
 Mailing Address: **600 Charlton Street**
 City/Town: **Southbridge** State: **MA** Zip Code: **01550**
 Business Phone: **508-765-0101** ext. Fax: **508-765-1352**
 Contact Person: **William Stevenson** Title: **President**

3. List attorney or other representative, if applicable.

Firm Name:
 Mailing Address:
 City/Town: State: Zip Code:
 Business Phone: ext. Fax:
 Attorney:

Part III: Applicant Information (continued)

4. List the owner(s) of the site(s) to be treated. Check box if additional sheets are attached.

Name: **Pamela Benson**

Mailing Address: **494 Wormswood Road**

City/Town: **Mansfield**

State: **CT**

Zip Code: **06250**

Business Phone: **860-429-5068**

ext.

Fax:

Contact Person: **Pamela Benson**

Title:

5. List the person or company applying the pesticides.

Name: **Lycott Environmental, Inc.**

Mailing Address: **600 Charlton Street**

City/Town: **Southbridge**

State: **MA**

Zip Code: **01550**

Business Phone: **508-765-0101**

ext.

Fax: **508-765-1352**

Contact Person: **William Stevenson**

Title: **President**

Certification Number: **S-4789**

Part IV: Site Information

1. Is the activity, which is the subject of this application located within the coastal boundary as delineated on DEP approved coastal boundary maps? Yes No

If yes, you must submit a *Coastal Consistency Review Form* (DEP-APP-004) with your application as Attachment C.

2. Is the project site located within an area identified as a habitat for endangered or threatened species as identified on the "State and Federal Listed Species and Natural Communities Map"?

Yes No Date of Map: **12/2/2010**

If yes, complete and submit a *Connecticut Natural Diversity Data Base (CT NDDB) Review Request Form* (DEP-APP-007) to the address specified on the form. **Please note NDDB review generally takes 4 to 6 weeks and may require additional documentation from the applicant. DEP strongly recommends that applicants complete this process before submitting the subject application.**

When submitting this application, please include copies of any correspondence to and from the NDDB regarding compliance with this program as Attachment D.

3. Is the site located within an aquifer protection area as defined in section 22a-354a through 354bb of the General Statutes (CGS)? Yes No

4. Type of area to be treated: Tidal Waters Pond or Lake Stream

Part IV: Site Information (continued)

5. Name and number of drainage basin (if known): **#3207 Natchaug Regional Basin**
6. Is the waterbody located in a public water supply watershed? Yes No
7. Where does the waterbody flow to? **Fenton River**
Is the outflow usually flowing? Yes No Can outflow be stopped? Yes No
8. Identify the size of the waterbody: **100'** Length (ft.) **100'** Width (ft.) **.25 Acres**
6' Maximum Depth (ft.) **5'** Average Depth (ft.) **1.25** Volume (Ac-ft)
9. Portion of the waterbody to be treated: **.25 Acres** **1.25** Volume (Ac-ft.)
10. Does the waterbody have public access? Yes No
11. Is the waterbody stocked with fish by the state? Yes No
12. Identify use(s) of waterbody:
 domestic water supply irrigation watering livestock swimming fishing
13. Are there any downstream users of the water who may be affected by treatment? Yes No
If yes, please explain:
14. Within 1/2 mile of the treatment area, are there any public or private drinking water wells 50 ft. or less from the shoreline?
 Yes No
15. Identify all plants or animals to be controlled: **Lemna minor, Wolffia columbiana, Filamentous Algae, Nymphaea odorata**
16. Identify all types of fish present: **Warmwater species**
17. Identify chemicals to be used, the amount per treatment and number of times:
- | <i>Chemical</i> | <i>Amount per Treatment</i> | <i>Number of Times</i> |
|-------------------|-----------------------------|------------------------|
| a) Sonar | 4.8 oz. | 2 |
| b) Captain | 1 gal. | 2 |
| c) Alum | 3 gals. | 2 |
18. Projected date(s) of pesticide use: **5/12/11, 7/8/11, 8/12/11**
19. List prior years in which chemicals were applied to this waterbody:
2003,2006,2007,2009-2010

Part V: Supporting Documents

Be sure to read the instructions (DEP-PEST-INST-200) to determine whether the attachments listed are applicable to your specific activity. Please check the box by the attachments as verification that *all applicable* attachments have been submitted with this permit application form. When submitting any supporting documents, please label the documents as indicated in this Part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on the *Permit Application Transmittal Form*.

- Attachment A: An 8-1/2" x 11" copy or original of a USGS Topographic Quadrangle Map (scale 1:24,000) indicating the exact location of the area to be treated.
- Attachment B: *Applicant Compliance Information Form* (DEP-APP-002) (if applicable)
- Attachment C: *Coastal Consistency Review Form* (DEP-APP-004) (if applicable)
- Attachment D: CT NDDDB Information, including *Connecticut NDDDB Review Request Form* (DEP-APP-007) and copies of any correspondence to and from the NDDDB, if applicable.
- Attachment E: Copy of certified mail receipt verifying that this completed application has been sent to the local inland wetlands agency. For multiple applications submitted to the local inland wetlands agency under one certified mail receipt, please attach a copy of such receipt to each application being submitted to the DEP.

Please note that local inland wetlands agencies may have additional requirements pertaining to the application of aquatic pesticides to waterbodies located under their jurisdiction.

Part VI: Application Certification

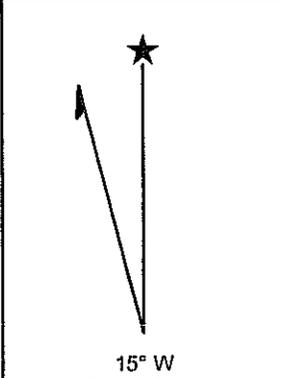
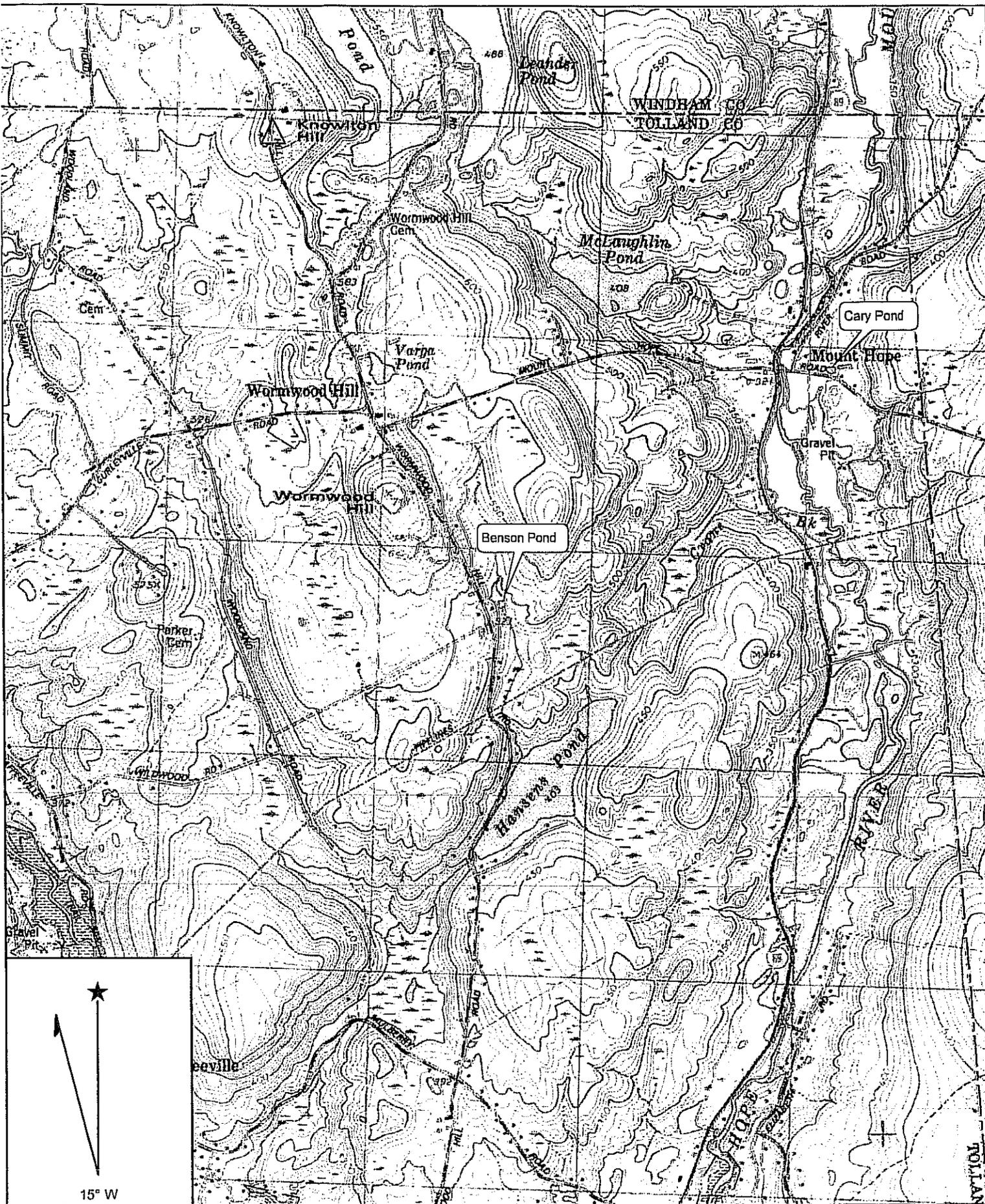
The applicant *and* the individual(s) responsible for actually preparing the application must sign this part. An application will be considered insufficient unless *all* required signatures are provided. Please also check the box and provide the date for which you sent one copy of this completed application to the appropriate local inland wetland agency.

<p>"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 the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.</p> <p>I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statute.</p> <p>I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.</p> <p><input checked="" type="checkbox"/> I also certify that I have sent one copy of this completed application to the appropriate local inland wetland agency on <u>2-8-2011</u>.</p>	
 _____ Signature of Applicant	Date 2-8-2011 Date
William Stevenson _____ Name of Applicant (print or type)	President _____ Title (if applicable)
 _____ Signature of Preparer (if different than above)	Date 2-8-2011 Date
Jeff Castellani _____ Name of Preparer (print or type)	Field Biologist _____ Title (if applicable)
<p><input type="checkbox"/> Check here if additional signatures are required. If so, please reproduce this sheet and attach signed copies to this sheet.</p>	

Note: Please submit the Permit Application Transmittal Form, Application Form, Fee, and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Please also submit a copy of this completed application to the local inland wetlands agency.



Name: SPRING HILL
 Date: 2/8/2011
 Scale: 1 inch equals 2000 feet

Location: 041° 48' 50.79" N 072° 11' 17.29" W
 Caption: FIGURE 1: LOCUS MAP
 Benson Pond
 Mansfield, CT



Permit Application for the Use of Pesticides in State Waters

Please complete this form in accordance with section 22a-66z CGS and the instructions (DEP-PEST-INST-200) in order to ensure the proper handling of your application. Print or type unless otherwise noted.

DEP USE ONLY	
Application No.:	_____
Rec'd CPPU:	_____

Part I: Fee Information

A fee of \$200.00 is to be submitted with *each* permit that you are applying for. Each site requires a separate permit. There is no discount for municipalities. The application will not be processed without the fee. The fee shall be non-refundable and shall be paid by check or money order to the Department of Environmental Protection.

Part II: Site Location

1. Name of Waterbody: Water hole #35
 Street address and/or description of location:
15 Farmstead Rd
 City or Town: STORRS

2. GIS/ID No. (If known): 9115

Part III: Applicant Information

1. Fill in the applicant's name and phone number as indicated on the *Permit Application Transmittal Form* (DEP-APP-001).

Applicant: William M. CURTIN Phone: (860) 429-3457

2. List primary contact for departmental correspondence and inquiries, if different than the applicant.

Name: _____
 Mailing Address: _____
 City/Town: _____ State: _____ Zip Code: _____
 Business Phone: _____ ext. _____ Fax: _____
 Contact Person: _____ Title: _____

3. List attorney or other representative, if applicable.

Firm Name: _____
 Mailing Address: _____
 City/Town: _____ State: _____ Zip Code: _____
 Business Phone: _____ ext. _____ Fax: _____
 Attorney: _____

Part III: Applicant Information (continued)

4. List the owner(s) of the site(s) to be treated. Check box if additional sheets are attached.

Name: William M. Curtin
Mailing Address: 15 Farmstead Rd
City/Town: Storrs / Mansfield State: CT Zip Code: 06268
Business Phone: ext. Fax:
Contact Person: Title:

5. List the person or company applying the pesticides.

Name: William M. Curtin
Mailing Address: 15 Farmstead Rd
City/Town: Storrs / Mansfield State: CT Zip Code: 06268
Business Phone: ext. Fax:
Contact Person: Title:
Certification Number:

Part IV: Site Information

1. Is the activity, which is the subject of this application located within the coastal boundary as delineated on DEP approved coastal boundary maps? Yes No

If yes, you must submit a *Coastal Consistency Review Form* (DEP-APP-004) with your application as Attachment C.

2. Is the project site located within an area identified as a habitat for endangered or threatened species as identified on the "State and Federal Listed Species and Natural Communities Map"? Yes No Date of Map:

If yes, complete and submit a *Connecticut Natural Diversity Data Base (CT NDDB) Review Request Form* (DEP-APP-007) to the address specified on the form. **Please note NDDB review generally takes 4 to 6 weeks and may require additional documentation from the applicant. DEP strongly recommends that applicants complete this process before submitting the subject application.**

When submitting this application, please include copies of any correspondence to and from the NDDB regarding compliance with this program as Attachment D.

3. Is the site located within an aquifer protection area as defined in section 22a-354a through 354bb of the General Statutes (CGS)? Yes No

4. Type of area to be treated: Tidal Waters Pond or Lake Stream

Part IV: Site Information (continued)

5. Name and number of drainage basin (if known): *Willomantic River*
6. Is the waterbody located in a public water supply watershed? Yes No
7. Where does the waterbody flow to?
 Is the outflow usually flowing? Yes No Can outflow be stopped? Yes No
8. Identify the size of the waterbody: Length (ft.) *50'* Width (ft.) *60'* Acres
 Maximum Depth (ft.) *6-8'* Average Depth (ft.) *4'* Volume (Ac-ft) *.40*
9. Portion of the waterbody to be treated: Acres Volume (Ac-ft.)
10. Does the waterbody have public access? Yes No
11. Is the waterbody stocked with fish by the state? Yes No
12. Identify use(s) of waterbody:
 domestic water supply irrigation watering livestock swimming fishing
13. Are there any downstream users of the water who may be affected by treatment? Yes No
 If yes, please explain:
14. Within 1/2 mile of the treatment area, are there any public or private drinking water wells 50 ft. or less from the shoreline?
 Yes No
15. Identify all plants or animals to be controlled:
Algae & duckweed
16. Identify all types of fish present:
Sunfish, catfish
17. Identify chemicals to be used, the amount per treatment and number of times:
- | Chemical | Amount per Treatment | Number of Times |
|----------------------|----------------------|-----------------|
| a) <i>Aqua Shade</i> | <i>12 oz</i> | <i>2x</i> |
| b) <i>SONAR</i> | <i>20z</i> | <i>2x</i> |
| c) | | |
18. Projected date(s) of pesticide use: *Aquashade = March & April*
SONAR = MAY & JUNE
19. List prior years in which chemicals were applied to this waterbody:
Aquashade 2001 - 2007, Nov 2008, 2009 - 2010
SONAR 2009 - 2010

Part V: Supporting Documents

Be sure to read the instructions (DEP-PEST-INST-200) to determine whether the attachments listed are applicable to your specific activity. Please check the box by the attachments as verification that *all applicable* attachments have been submitted with this permit application form. When submitting any supporting documents, please label the documents as indicated in this Part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on the *Permit Application Transmittal Form*.

- | | | |
|-------------------------------------|---------------|--|
| <input checked="" type="checkbox"/> | Attachment A: | An 8-1/2" x 11" copy or original of a USGS Topographic Quadrangle Map (scale 1:24,000) indicating the exact location of the area to be treated. |
| <input type="checkbox"/> | Attachment B: | <i>Applicant Compliance Information Form</i> (DEP-APP-002) (if applicable) |
| <input type="checkbox"/> | Attachment C: | <i>Coastal Consistency Review Form</i> (DEP-APP-004) (if applicable) |
| <input type="checkbox"/> | Attachment D: | CT NDDDB Information, including <i>Connecticut NDDDB Review Request Form</i> (DEP-APP-007) and copies of any correspondence to and from the NDDDB, if applicable. |
| <input checked="" type="checkbox"/> | Attachment E: | Copy of certified mail receipt verifying that this completed application has been sent to the local inland wetlands agency. For multiple applications submitted to the local inland wetlands agency under one certified mail receipt, please attach a copy of such receipt to each application being submitted to the DEP. |

Please note that local inland wetlands agencies may have additional requirements pertaining to the application of aquatic pesticides to waterbodies located under their jurisdiction.

Part VI: Application Certification

The applicant *and* the individual(s) responsible for actually preparing the application must sign this part. An application will be considered insufficient unless *all* required signatures are provided. Please also check the box and provide the date for which you sent one copy of this completed application to the appropriate local inland wetland agency.

"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 the 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 in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I also certify that I have sent one copy of this completed application to the appropriate local inland wetland agency on 2/14/01.

Date Feb 14 2001

William M. Curtin

2-14-2001

Signature of Applicant

Date

William M. Curtin

Name of Applicant (print or type)

Title (if applicable)

Signature of Preparer (if different than above)

Date

Name of Preparer (print or type)

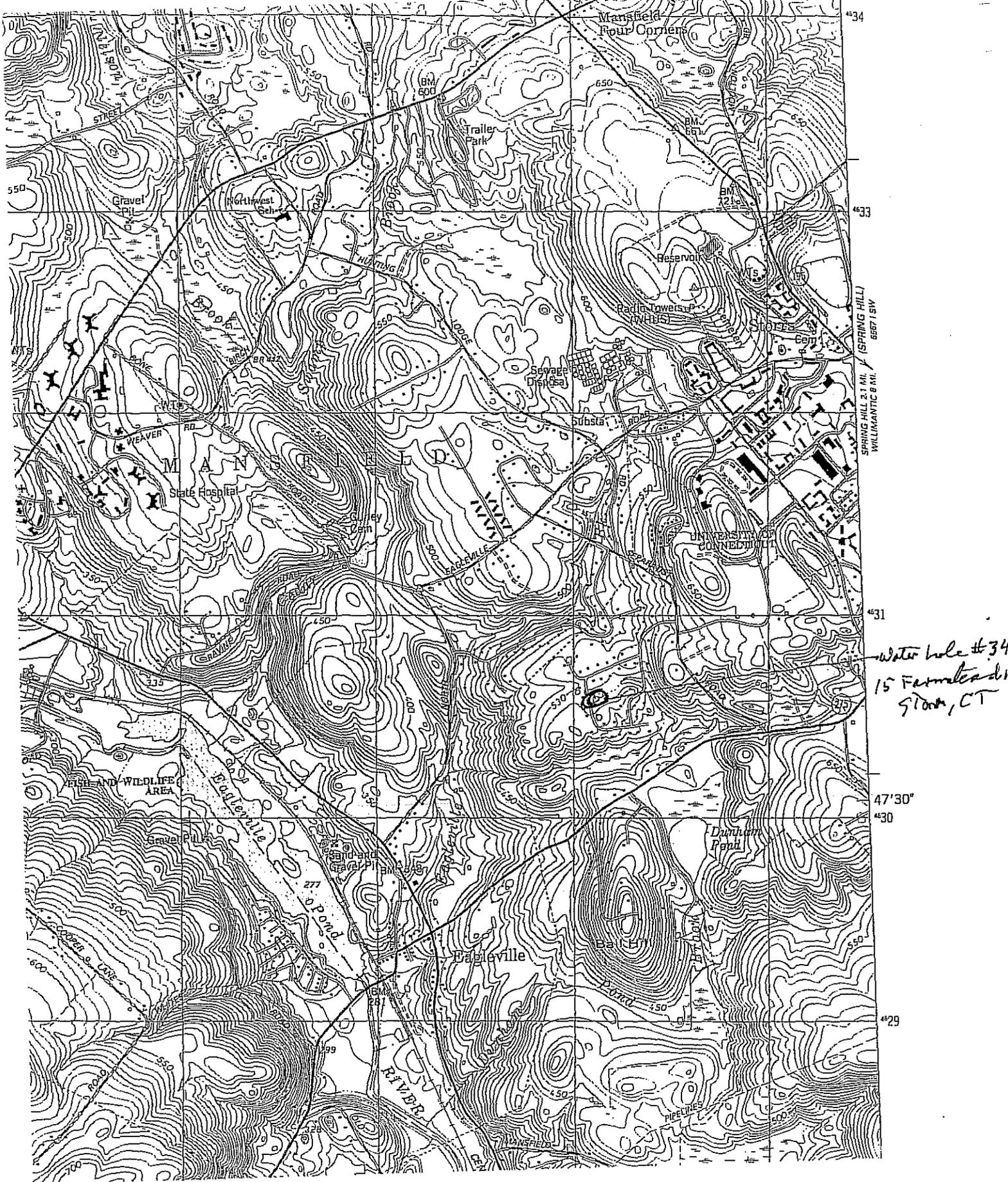
Title (if applicable)

Check here if additional signatures are required. If so, please reproduce this sheet and attach signed copies to this sheet.

Note: Please submit the Permit Application Transmittal Form, Application Form, Fee, and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Please also submit a copy of this completed application to the local inland wetlands agency.



Mansfield
Four Corners

Trailer
Park

Gravel
Pit

Northwest
Sch.

Reservoir

Radio Towers
on Hill

Sewage
Disposal

Substa.

State Hospital

UNIVERSITY
CONVENTION

SPRING HILL 3.1 MI. (SPRING HILL)
WILLIAMANTIC 6 MI. 8587 SW

Water hole #34
15 Farmsteads
Stark, CT

FISH AND WILDLIFE
AREA

BOULEVARD
POND

Tableville

Durham
Pond

47'30"

45'30"

42'29"

ROCKY
RIVER

MANFIELD