

AGENDA
Inland Wetland Agency
SPECIAL MEETING
Monday, July 16, 2012
Council Chambers, Audrey Beck Building

Call to Order: 7:00 PM

Review of Minutes of Previous Meetings and Action Thereon:

6.04.2012 - Regular Meeting
6.12.2012 - Field Trip
7.10.2012 - Field Trip

Communications:

Conservation Commission:

W1499 - Town of Mansfield- North Eagleville Rd- Sidewalks

GM monthly business memorandum

Public Hearings:

Old Business:

W1499 - Town of Mansfield- North Eagleville Road- Sidewalks

New Business:

Reports of Officers and Committees:

Other Communications and Bills:

7/10/12 Notification of UConn Stage IA Water Conservation Alert
Notification of Timber Harvest-282 Wormwood Hill Road
CT DEEP Aquatic Pesticide Permit Application-Mirror Lake and Swan Lake, UConn

Adjournment:

PAGE
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DRAFT MINUTES
MANSFIELD INLAND WETLANDS AGENCY
Monday, June 4, 2012
Council Chambers, Audrey P. Beck Municipal Building

Members present: J. Goodwin (Chairman), R. Hall, K. Holt, G. Lewis, K. Rawn, B. Ryan
Members absent: P. Plante, B. Pociask
Alternates present: B. Chandy, V. Ward, S. Westa
Staff present: Grant Meitzler, Wetlands Agent

Chairman Goodwin called the meeting to order at 7:01 p.m., and appointed Ward and Westa to act in members' absence.

5-7-12 – Regular Meeting-Hall MOVED, Ward seconded, to approve the 5-7-12 minutes as written. MOTION PASSED UNANIMOUSLY.

5-15-12 - Field Trip- Ryan MOVED, Holt seconded, to approve the 5-15-12 field trip minutes as written. MOTION PASSED with all in favor except Goodwin, Ward and Westa who were disqualified.

Communications:

The 5-24-12 Wetlands Agent's Monthly Business report was noted.

Holt MOVED, Rawn seconded, to add to the agenda under New Business File #W1499, an application of the Town of Mansfield. MOTION PASSED UNANIMOUSLY.

Old Business:

W1496 - Town of Mansfield - Mansfield City Road drainage

Holt MOVED, Ryan seconded, to approve an Inland Wetlands application for wetlands file W1496, submitted by the Town of Mansfield, for extending three road drainage pipes from their present outlets at the edge of Mansfield City Road to the tree line at the west edge of an open field on property belonging to the Town of Mansfield and Stearns Brothers LLC, located north of the house at 271 Mansfield City Road, as depicted on a plan dated April 25, 2012, 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. 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. Plunge pool erosion protection shall be installed at each pipe outlet.
3. The steep drop presently at each of the pipe ends near the edge of pavement on Mansfield City Road shall be eliminated.

This approval is valid until June 4, 2017, 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. MOTION PASSED UNANIMOUSLY.

W1497 - Guarino - Spring Hill Road - 21' above ground pool

Holt MOVED, Ryan seconded, to approve an Inland Wetlands application for wetlands file W1497, submitted by Jon W. Guarino for yard improvements and installation of an above-ground pool 21 feet in diameter in the rear yard of property owned by the applicant, located at 216 Spring Hill Road, as depicted on a plan dated May 2, 2012, 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. Erosion and sedimentation controls shall be in place prior to construction, maintained during construction, and removed when disturbed areas are completely stabilized.
2. The pool is to be installed 20 feet away from the house foundation as shown on said plan.
3. Silt fence is to be installed along the downhill edge of the sand area spread across the rear of the yard to limit movement of the sand into adjacent wetlands areas.
4. Bare areas around the pool location shall be seeded and stabilized as soon as practical.

This approval is valid for a period of five years (until June 4, 2017), unless additional time is requested by the applicant and granted by the 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:

W1499 – Town of Mansfield- North Eagleville Road- Sidewalks

Ryan MOVED, Holt seconded, to receive the application submitted by The Town of Mansfield (File #1498) under the Wetlands and Watercourses Regulations of the Town of Mansfield for North Eagleville Road sidewalks between Hunting Lodge Road and Northwood Apartments on property located within the Town of Mansfield road right-of-way as shown on a map dated 5-18-12 and as described in application submissions, and to refer said application to staff and Conservation Committee, for review and comments. MOTION PASSED UNANIMOUSLY.

A field trip was scheduled for 6/12/12 at 3:30 p.m.

Adjournment: The Chairman declared the meeting adjourned at 7:18 p.m.

Respectfully submitted,

Katherine Holt, Secretary

MINUTES

MANSFIELD PLANNING AND ZONING COMMISSION
INLAND WETLANDS AGENCY
CONSERVATION COMMISSION
FIELD TRIP
Special Meeting
Tuesday, June 12, 2012

Members present: J. Goodwin, K. Holt, B. Ryan
Alternates present: S. Westa
Others present: S. Lehman-Conservation Commission (item 1 only)
Staff present: G. Meitzler, Wetlands Agent/Assistant Town Engineer
C. Hirsch, Zoning Agent

The field trip began at 3:30 p.m.

1. Town of Mansfield, North Eagleville Rd Sidewalks,
IWA File #W1499
Members were met on site by Tim Veillette, Project Engineer for the Town of Mansfield, and Dan Cefaratti of BBH Civil Engineering. Members observed current conditions, and site characteristics. No decisions were made.
2. Green Property, Gravel Permit Renewals 1090 Stafford Road
PZC File #1258
Members were met on site by Phil DeSiato and Karen Green. Members observed current conditions, and site characteristics. No decisions were made.
3. Banis property, Gravel Permit Renewals, on Pleasant Valley Road
PZC File #1164
Members were met on site by Steve and Tammy Banis. Members observed current conditions, and site characteristics. No decisions were made.
4. Hall property, Gravel Permit Renewals, on Old Mansfield Hollow Road
PZC File #910-2
Members were met on site by Ed Hall. Members observed current conditions, and site characteristics. No decisions were made.

The field trip ended at approximately 5:15 p.m.

Respectfully submitted,

K. Holt, Secretary

DRAFT MINUTES

MANSFIELD PLANNING AND ZONING COMMISSION
INLAND WETLANDS AGENCY
CONSERVATION COMMISSION
FIELD TRIP
Special Meeting
Tuesday, July 10, 2012

Members present: J. Goodwin, B. Chandy, K. Holt (3:30 p.m. to 4:00 p.m.)
Staff present: G. Meitzler, Wetlands Agent/Assistant Town Engineer
L. Painter, Director of Planning and Development

The field trip began at 3:30 p.m.

1. Beacon Estates, Section 2, Mansfield City Road - PZC File #1214-3
Members were met on site by Tom Boyle, Ed Pelletier, John Ianni, Frank Halle and Gille Halle.
Members observed current conditions, and site characteristics. No decisions were made.

The field trip ended at approximately 5:30 p.m.

Respectfully submitted,

K. Holt, Secretary

Town of Mansfield
CONSERVATION COMMISSION
Meeting of 20 June 2012
Conference B, Audrey P. Beck Building
(draft) MINUTES

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

1. The meeting was **called to order** at 7:33p by Chair Quentin Kessel. Alternates Aline Booth and Joan Buck were designated voting members for this meeting.
2. The draft **minutes of the 16 May 2012 meeting**, with correction of a typo, were approved.
3. **IWA Referral: W1498 (Town of Mansfield, N. Eagleville Rd.)**. A bike & pedestrian path is proposed along the north side of North Eagleville Rd. from Northwood Rd. to Hunting Lodge Rd. The 6 ft. wide path would be separated from the road by at least 4 ft. of grass, in some places more, as the path curves away from the road around trees. The north side of the road was chosen over the south side to reduce impacts and expense – and because most prospective users of the path live on the north side. Some filling of wetlands would be required between Meadowood and Hunting Lodge Rds., where wetlands lie too close to N. Eagleville Rd.; ‘mitigation’ in the form of an artificial wetland just west of the west branch of Meadowood Rd. is proposed. After some discussion, in which several members noted that efforts to ‘mitigate’ impacts on wetlands by creating new wetlands have often been unsuccessful, the Commission agreed unanimously on the following **motion** (Silander, Buck):

The Commission notes that there will be some impact on wetlands from this project. However, the trade-off for pedestrian and bicycle safety seems acceptable, and the ‘mitigation’ proposed could offset the loss of wetlands if the created wetland actually functions as a wetland (e.g., as a vernal pool). The Commission suggests that the Town contact the Departments of Ecology & Evolutionary Biology (EEB) and Natural Resources Management & Engineering (NRME) at UConn for advice on constructing functional wetlands.

{Lehmann participated in the IWA Field Trip to this site on 12 June; his report is attached.}

4. **Water Issues**. The Environmental Impact Evaluation (EIE) of options in the **Water Source Study for the Four Corners Area** was to have been completed by now, but it has been delayed by inclusion of yet another possible source: Hartford’s MDC has indicated interest in supplying water. A Public Scoping Hearing on the additional source study will be held at 5:30p tomorrow (21 June) in the Council Chambers in conjunction with the Water and Wastewater Policy Advisory Committee meeting.

The Town Council is sponsoring a **Workshop on Water Supply Issues** (including “regulation of public water supply, water quality, aquifer protection, land use and governance”) at 6:00p, 12 July in the Council Chambers.

5. **Hazardous Waste Transfer Station**. The Committee responsible for siting UConn’s Hazardous Waste Transfer Station in a better location – it currently resides behind Horsebarn Hill, in a public water supply watershed – has held its first meeting. Kessel hopes to be informed

of future meetings before they occur so that he can attend. There will eventually be an EIE, on which the public may comment.

6. Adjourned at 8:09p.

Scott Lehmann, Secretary, 23 June 2012.

Attachment: Lehmann's report on the 6/12 IWA Field Trip

The only IWA site on the IWA/PZC 6/12/12 field trip was N. Eagleville Rd, where a sidewalk/bike path is proposed for the north side of the road between Northwood Apartments and Hunting Lodge Rd. The path would be 5-8 ft wide, separated from the road by a grassy strip at least 4 ft wide; it would meander a bit to bypass large trees, as does the new path along Hunting Lodge Rd. The north side of N. Eagleville was chosen primarily to minimize impact (and secondarily to make it easy for residents too lazy to cross to a sidewalk on the other side). The land on the north side is essentially level, while on the south side there is a steep slope up to a house at one point. Wetlands occur just off N. Eagleville on both sides between Northwood and Hunting Lodge, so some wetland impact is unavoidable, if there is to be a walk- & bike-way. By way of mitigation, an artificial wetland is proposed off N. Eagleville just west of the west arm of Meadowood.

Memorandum:

July 11, 2012

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.
- 4.25.11: Mr. Brodin indicates he is starting with grading and spreading hay and seed to stabilize disturbed areas.

Mansfield Auto Parts - Route 32

- 8.04.11: Inspection - no vehicles are within 25' of wetlands.
- 9.13.11: Inspection - no vehicles are within 25' of wetlands.
- 11.03.11: Inspection - two vehicles are within 25' of wetlands. Vehicle doors and a camper or trailer are stored in the extreme rear lot not approved by zoning for use.
- 11.30.11: Inspection - two vehicles are within 25' of wetlands. Employees indicate cars will be moved soon. Payloader repair parts are to be there later today and cars will be moved as soon as parts are installed. Owner indicated in earlier discussion that the doors would be moved. Rate of tire removal has increased with a company in Massachusetts removing them by truckload. At time of this discussion (about a week ago) nearly 2,000 tires had been removed from the lot by the railroad tracks.
- 12.07.11: Inspection - two vehicles are within 25' of wetlands. Payloader repairs not yet completed. Weekly inspections will be made until the two vehicles and doors are moved.
- 12.27.11: Inspection - 1 vehicle within 25' of wetlands - owner indicates it will be moved this week. Payloader is back in operation. Owner indicates doors in "rear" lot will be moved this week. Large number of tires have been moved from lot by RR tracks - approximately 65% of tires have been removed.
- 2.01.12: Inspection - employee indicates payloader repair has had problems and the one car within 25' has not yet been moved. Tire removal has continued and about 90 percent of the tires have been removed. A truck from the company removing the tires arrived while I was at the site.
- 3.01.12: Inspection - owner indicates payloader is repaired. Owner indicates the one car within 25' will be moved. Tire removal is nearing completion.
- 3.28.12: On the way to see the car moved I found the payloader blocking the entrance drive to the rear area, with the mechanic under the hood. He indicated the new engine had stopped running on the way to move the remaining car. Inspection today showed the payloader in the same location.
- 5.01.12: Payloader remains in the same location with a bad motor.
- 5.17.12: Payloader and the one vehicle have been moved. There are no vehicles within 25' of wetlands.
- 6.22.12: Inspection - no vehicles are within 25' of wetlands.
- 7.10.12: Inspection - no vehicles are within 25' of wetlands.

Memorandum:

July 11, 2012

To: Inland Wetland Agency

From: Grant Meitzler, Inland wetland Agent

Re: W1499 - Town of Mansfield - N. Eagleville Rd sidewalk

plan reference: dated 5.18.2012

This application is for a 0.37 mile long section (1,984 feet) of pedestrian/bicycle path along the north side of North Eagleville Rd that will run from Hunting Lodge Rd to the beginning of the walkway on the Northwood Rd property belong to UConn.

All but about 330 feet of the work is within the 150' regulated areas adjacent to wetlands. As you can see in the paragraphs that follow, very little of the work directly involves wetlands.

The proposed bikeway is to be 6 feet wide with a 4 foot wide grassed area located between the path and North Eagleville Rd. At three locations the path is set farther back from the road to save larger trees near the road.

There are two distinct drainage areas involved both of which flow to the Eagleville Brook, as follows:

1. the section from Northwood Rd to the easterly Meadowood Rd intersection drains to the south of N. Eagleville Rd and the Eagleville Brook at the edge of the yard of the house at the south east corner of the Separatist/N. Eagleville Rd intersection.

There are four involvements with wetlands within this area including one mitigation effort. These are:

- A. labelled 1/C4.5 about 30 feet east of the Northwood Apartments property line. This is a street drain and there are no wetlands mapped near it.
 - B. labelled WP1.0 located about 100' west of the westerly Meadowood/NE Rd intersection. The plans indicate the excavation of an upland soil area approximately 4000 sq.ft. in area.
 - C. labelled 2/C4.5 on the east side of the westerly Meadowood/NE Rd intersection. This involves approx. 100 sq.ft. area in wetlands. Rip-rap protection is indicated.
 - D. labelled 3/C4.5 inlet for pipe carrying flow to south side N. Eagleville Rd about 100' east of Separatist Rd. Not in wetlands, rip-rap inlet protection is indicated.
2. the second drainage carries flow from the Carriage House property and the areas between Hunting Lodge Rd and Northwood Rd from the north. A brook flows from the north to this area with wetland areas present along its edges. This flow is piped across to Eagleville Brook next to the Hunting Lodge Rd intersection.
 - A. labelled 4/C4.5 runs approx. 155 feet along the bikeway and the bikeway encroaches about 10 feet into this wetland area. This encroachment involves approx. 1550 sq.ft. of wetland. The plans show 155 feet of embankment rip-rap protection.

- B. labelled 5/C4.5 is in wetland and will disturb about 400 sq.ft. This is an existing drainage pipe that requires extension for the bikepath.
- C. labelled 6/C4.5 there are no wetlands in this area at the northwest corner of the Hunting Lodge Rd intersection where two catch basins will get minor regrading.

Comparing areas:

work in wetlands	2/C4.5 ...	100. sq.ft.
	4/C4.5 ...	1,550. sq.ft.
	5/C4.5 ...	400. sq.ft.

Mitigation area	WP 1.0 ...	4,000. sq.ft.
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 Net change in wetlands area: 1,950 sq.ft. increase

The mitigation effort proposes a new wetland area near but not in wetlands and is located between the Northwood property and the west intersection of Meadowood Rd. The plan shows an area of approx. 4,000 sq.ft. being excavated to the same elevation as nearby wetlands and wetland plantings are indicated. As much as been written of late on both successful and unsuccessful efforts at creating wetlands for mitigation, I would like to see this work done in order to follow the results.

Silt fencing has been indicated along the full length of the project. Rip-rap protection has been indicated at each pipe location and along the embankment at the edge of the bikeway along wetlands areas.

Alternative location on the south side of North Eagleville Rd would involve approximately the same amount of work within regulated areas, and in wetlands, together with more substantially more excavation of a high slope area along about 400' of road. Limiting road crossings is also a considerable plus for the location proposed.

WETLANDS DRAFT APPROVAL MOTION FOR: Mansfield - sidewalk - N. Eagleville Road

_____ MOVED, _____ seconded, to grant an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to the Town of Mansfield Dept. of Public Works (file #W 1499) for construction of a sidewalk along North Eagleville Road between Hunting Lodge Road and Northwood Apartments; on property owned by the Town of Mansfield within the road right-of-way, and ~~as~~ shown on plans dated May 18, 2012 revised through _____, 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. 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. Maps shall not be signed until all DEEP permit requirements have been addressed;
3. Before construction, the Town shall acquire easements from four abutting property owners ~~as~~ per the application;
4. A mitigation area of approximately 4,000 sq. ft. shall be created to offset work to be done in three wetland areas. Because of this mitigation area, there will be a net increase in wetlands as per application submissions and in the Wetlands Agent's memo of July 11, 2012.

This approval is valid for five years (until July 16, 2017) 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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University of Connecticut
*Office of the Executive Vice President
for Administration and Chief Financial Officer*

Architectural, Engineering
and Building Services

July 10, 2012

Dear UConn Water System Users:

UConn is issuing a Stage IA Water Conservation Alert because seasonally dry conditions have reduced area streamflows. We are enlisting your cooperation to conserve water until further notice.

The University's water supply remains adequate to meet current and forecasted system demands and any emergency needs such as firefighting. Per UConn's Water Supply Plan, we are committed to operating an environmentally sustainable water supply system. Given current streamflow conditions and rainfall forecast, we are asking our students, faculty, staff and our off-campus municipal, commercial, and residential users to be conscientious of their daily water use and to conserve water voluntarily by:

- * Taking shorter showers
- * Running dishwashers and clothes washing machines with full loads
- * Shutting off water while washing dishes, shaving, brushing teeth, and lathering up to wash hands, rather than running the water continuously
- * Avoiding vehicle washing or power-washing homes and other buildings
- * Not using water to clean sidewalks, driveways and roads
- * Reducing, to the extent possible, the watering of lawns, recreational and athletic fields, gardens, or other landscaped areas (if watering is essential, late-evening hours are best)
- * Not using public water to fill residential swimming pools

By issuing the Stage IA Water Conservation Alert, we encourage you to reduce how much water you use. Thank you for your help. We appreciate your cooperation. UConn is actively monitoring conditions and will continue to provide updates as conditions change.

Sincerely,

Eugene Roberts

Director of Deferred Maintenance and Infrastructure Management

An Equal Opportunity Employer

31 LeDoyt Road Unit 3038
Storrs, Connecticut 06269-3038
web: <http://www.aes.uconn.edu>

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NOTIFICATION OF TIMBER HARVEST

Town: MANFIELD Date: 6/2/12
 Property Location: 282 WORMWOOD HILL RD.

List all parcels:
 Assessor's Info:

Map	Block	Lot
<u>C4</u>	<u>18.70.</u>	<u>14-3</u>

OR:

Unique ID

Total acreage of property(s): 27.19 Total acreage of harvest area: 25

Landowner(s) of Record: ROGER & CYNTHIA ADAMS
 Mailing Address: 282 WORMWOOD HILL RD.
 Town: MANFIELD CENTER, CT Zip 06250
 Phone (860) 429-0135
 E-mail: _____

Primary Contact: MICHAEL J. BARTLETT
 Mailing Address: 101 HAMPTON RD.
 Town: POMFRET CENTER CT Zip 06259
 Phone (860) 377-0117
 E-mail: BARTLETT@HULLFOREST.COM

Note: Timber harvesting is a *Permitted as of Right Activity* pursuant to the Inland Wetlands and Watercourses Act, except for those practices regulated under Section 22a-36 through 22a-45 of the Connecticut General Statutes.

Is there a current forest management/stewardship plan for this property? Yes No

This timber harvest has been prepared by a State of Connecticut certified:
 (Check one): Forester OR Supervising Forest Products Harvester
 Forest Practitioner Certificate #: F21
 Name: MICHAEL J. BARTLETT
 Address: 101 HAMPTON RD. POMFRET CENTER, CT 06259
 E-mail: BARTLETT@HULLFOREST.COM
 Phone #: (Business) 860-974-0127 (Cell) 860-377-0117

Property Boundaries:
 Bounds are marked: Yes No

Timber Harvest Boundaries:
 Have been marked or flagged: Yes No

Have owners of all lands within 100 feet of the harvest area been notified via first-class mail prior to filing this "Notification of Timber Harvest"? Yes No

Estimated starting date of timber harvesting operations: 6/10/12

Description of Timber Harvest:

Objective: CREATE SMALL OPENINGS FOR THE ESTABLISHMENT OF DESIRABLE REGENERATION & PROVIDE INCOME TO OWNER
 Treatment: SHELTERWOOD HARVEST

Amount of forest products to be harvested:
43m Board feet 43 Cords _____ Cubic feet _____ Tons

How have the trees to be harvested been designated?
 They have been marked with paint at eye level and at ground level. Paint color(s): BLUE
 They have not been marked DOUBLE MARK NEAR BOUNDARIES.

This is not an official CT DEP form but it has been endorsed for town usage by: CT Farm Bureau Assoc., CT Forest & Park Assoc., CT Professional Timber Producers, Society of American Foresters - CT Chapter, and others.

SOIL, WATER AND INLAND WETLANDS RESOURCES

Actions Being Performed On This Land

(Check all that apply and locate on attached Timber Harvest Area map -- see information below on maps.)

<p align="center"><u>Crossings / Clearing</u></p> <input checked="" type="checkbox"/> Temporary stream/drainage crossing <input type="checkbox"/> Temporary wetlands crossing <input type="checkbox"/> Removal of trees in wetlands <input checked="" type="checkbox"/> Removal of trees in upland review area	<p align="center"><u>Erosion and Sedimentation Control Measures:</u></p> <input type="checkbox"/> Installation of water bars <input type="checkbox"/> Grading <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Other (describe below)
<p align="center"><u>Log landing area:</u></p> <input type="checkbox"/> anti-tracking pad <i>N/A</i> <input type="checkbox"/> curb cut	<p align="center"><u>Roads</u></p> <p>Are new roads, other than skid trails, to be constructed for transport of logs or other activities associated with this harvest?</p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Describe in further detail as necessary:

A TEMPORARY PORTABLE BRIDGE WILL BE USED ON 3C-1 TO PROTECT THE STREAM FROM EROSION & SEDIMENT. THE OTHER WETLAND WILL BE CROSSED ON THE EXISTING DRIVEWAY.

The following maps are attached to this "Notification" (Check all that apply)

- Copy of USGS topographic map with property outlined
- Copy of Assessor's map with property outlined
- Timber Harvest Area map showing outline of harvest area, main skid road locations, log landing area, truck access roads, inland wetlands, watercourses and any crossings

The undersigned hereby swear that the information contained in this application is true, accurate and complete to the best of my (our) knowledge and belief and that the timber harvest will be conducted in accordance with the specifications outlined in this "Notification of Timber Harvest."

Signature of Landowner(s): *R. A. Adams* Date: *6/4/12*

Print/Type Name: *Roger A. Adams*

Signature of Landowner(s): *Cynthia H. Adams* Date: *6/4/12*

Print/Type Name: *Cynthia H. Adams*

Signature of Certified Forest Practitioner: *Michael J. Bartlett* Date: *6/2/12*

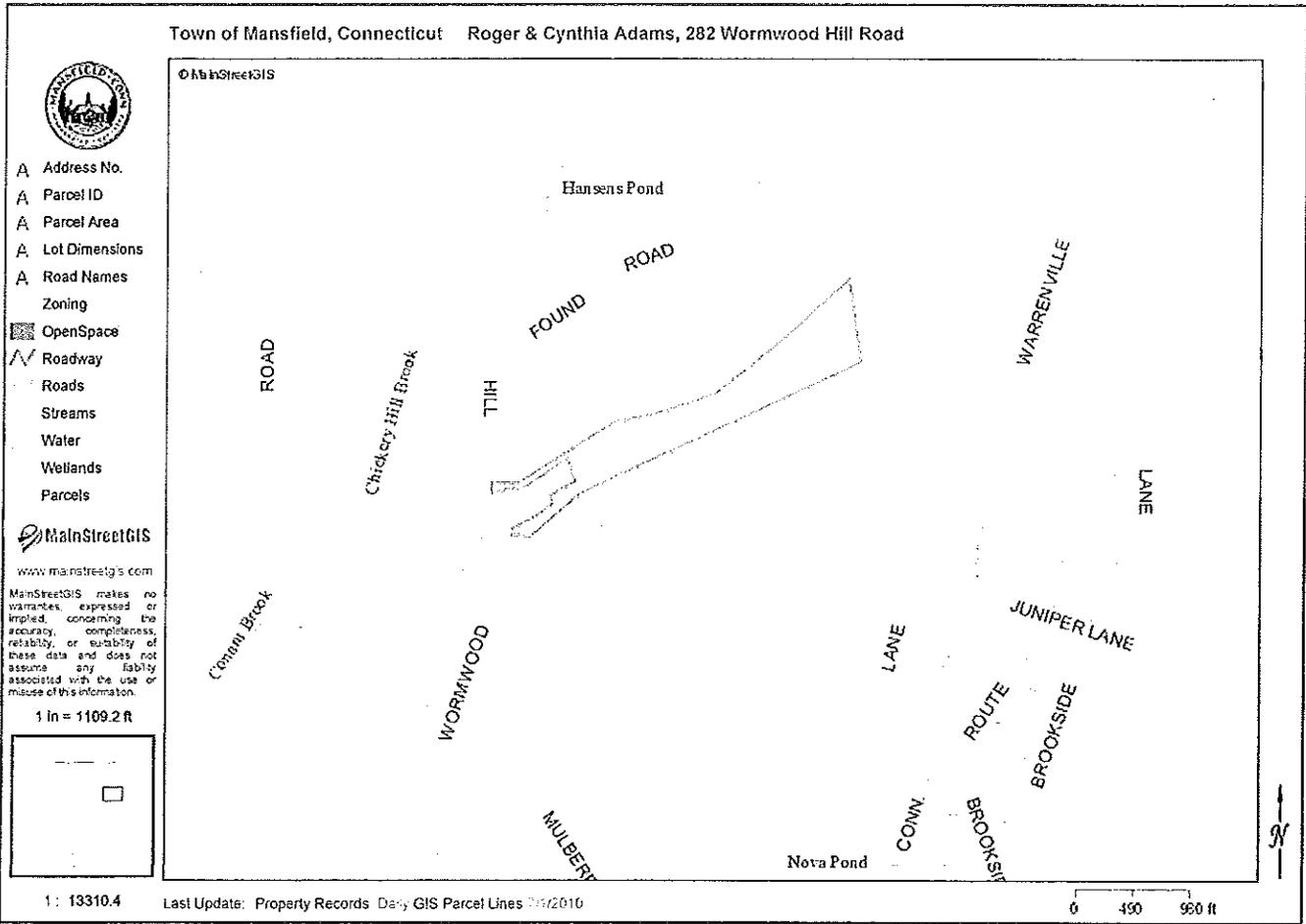
Print Name: *MICHAEL J. BARTLETT*

Certificate #: *F-21* Expiration Date: *10/1/2012*

Complete and Submit to:

- The Municipal Inland Wetlands Agency/ies in which the property is located, and
- A courtesy copy of this Notification Form should also be sent to The Department of Environmental Protection, Division of Forestry 79 Elm Street, Hartford, CT, Tel: (860) 424-3630

This is not an official CT DEP form but it has been endorsed for town usage by: CT Farm Bureau Assoc., CT Forest & Park Assoc., CT Professional Timber Producers, Society of American Foresters - CT Chapter, and others.

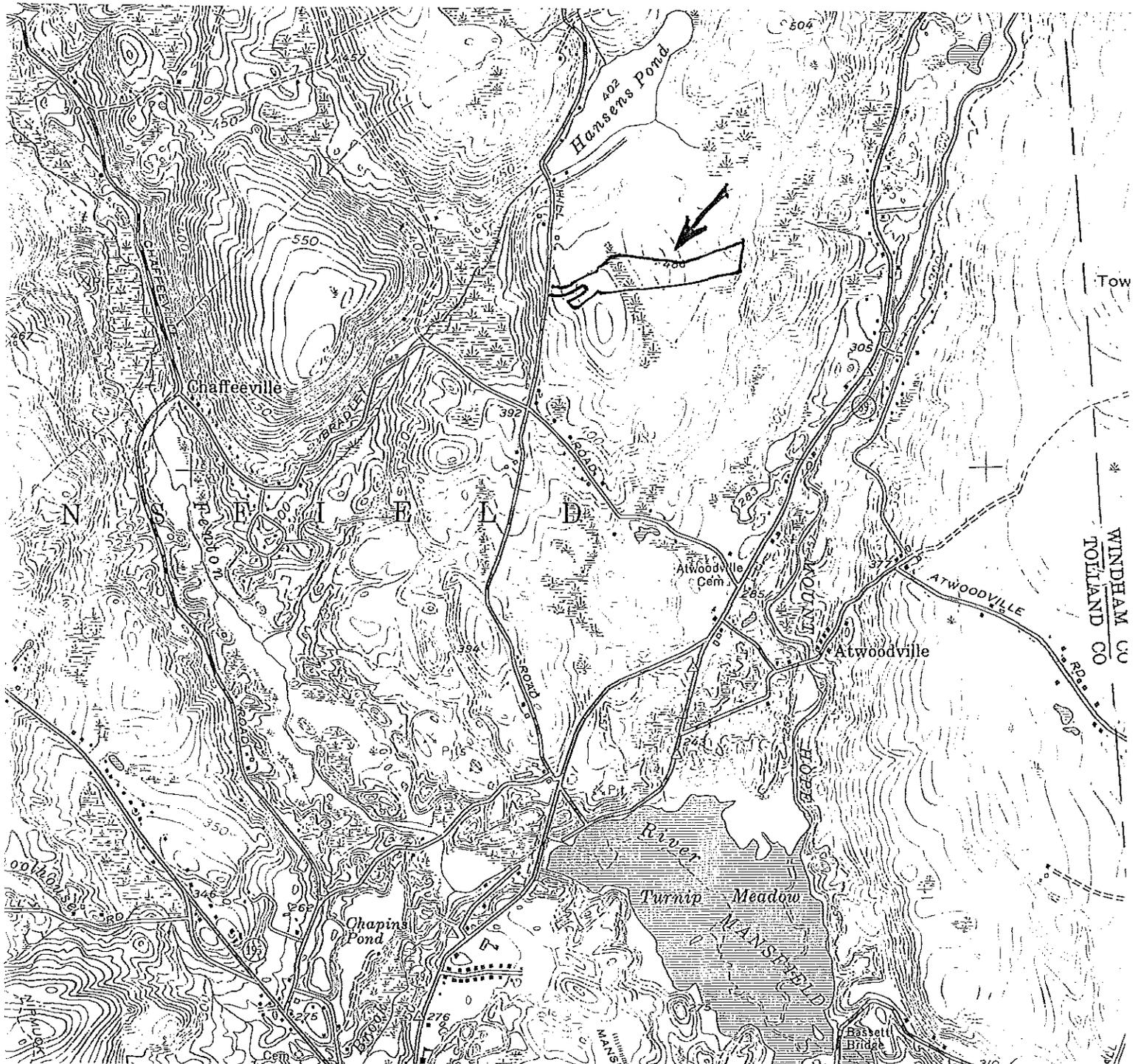


LOCUS MAP
for land of
Roger & Cynthia Adams
282 Wormwood Hill Rd.
Mansfield, CT

27.19 acres total

North

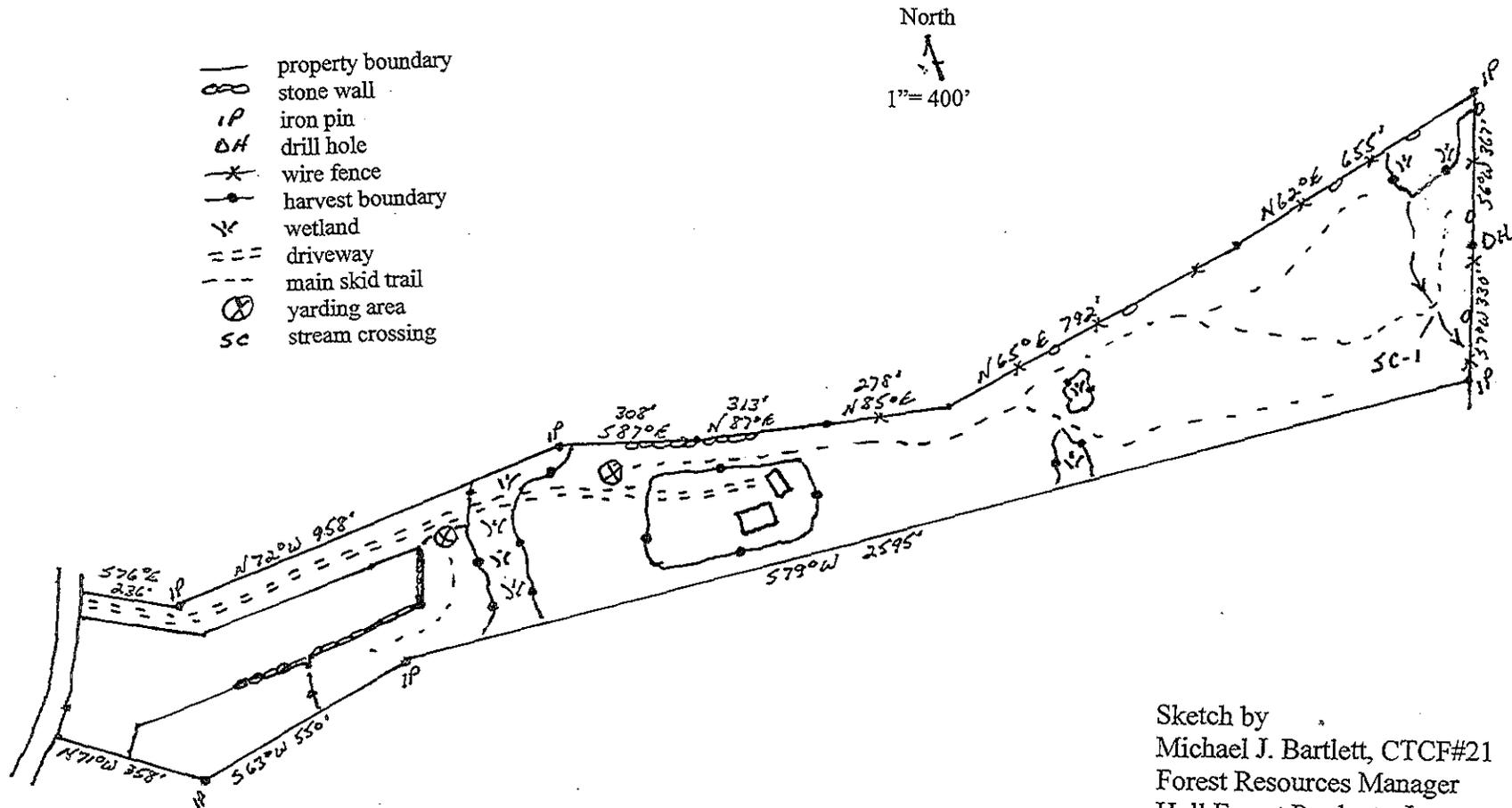
1" = 2000'



BOUNDARY & FOREST STAND MAP

for land of
 Roger & Cynthia Adams
 282 Wormwood Hill Rd.
 Mansfield, CT

27.19 acres total



Sketch by
 Michael J. Bartlett, CTCF#21
 Forest Resources Manager
 Hull Forest Products, Inc.
 From survey maps and field evidence

PAGE
BREAK



University of Connecticut
*Office of the Vice President and
Chief Operating Officer*

Office of Environmental Policy

June 1, 2012

CERTIFIED MAIL

Town of Mansfield Inland Wetland Agency
Audrey P. Beck Municipal Building
4 South Eagleville Road
Mansfield, CT 06268

RE: CT DEEP Aquatic Pesticide Permit Application
University of Connecticut, Storrs, CT

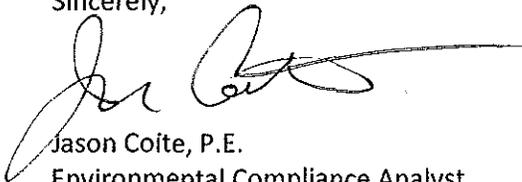
To Whom It May Concern:

Enclosed for your information is an application for a DEEP-permit to apply aquatic pesticides to the Swan and Mirror Lakes located on the University of Connecticut Storrs campus.

Algae and submerged weeds are present in Mirror Lake and, to a lesser extent, Swan Lake. While we anticipate using alternative means to addressing these growths, including mechanical removal, we have prepared the attached application to obtain a permit from the DEEP that would allow us to use pesticides if necessary.

Feel free to contact me at 860-486-9305 or jason.coite@uconn.edu with any questions or concerns.

Sincerely,



Jason Coite, P.E.
Environmental Compliance Analyst

Enclosure

In Equal Opportunity Employer

31 LeDoyt Road Unit 3055
Storrs, Connecticut 06269-3055

web: <http://envpolicy.uconn.edu>

From: Donald Gonyea, DEEP

'pdoremus@easton.ct.gov'; 'cjefferson@townofkillingworth.com'; 'peterjnra@yahoo.com';
'bobmc9191@yahoo.com'

Cc: Winther, Darcy; Capotosto, Paul; Wolfe, Roger

Subject: Pesticide General Permit Notification Requirements

Importance: Low

The recently issued GENERAL PERMIT FOR POINT SOURCE DISCHARGES TO WATERS OF THE STATE FROM THE APPLICATION OF PESTICIDES (PGP) includes a provision that applicators notify local wetland agencies regarding the actual dates of a proposed application of aquatic pesticides. This notification is in addition to the notification already required under the state's Pesticide Management Program but does not represent an increase in the wetland agencies jurisdiction or responsibility. It is hoped that it will notify local commissions that an application will occur and encourage the commissions to notify DEEP if problems are noted.

The DEEP's Wetlands Habitat and Mosquito Management Program may be contacting commissions under this provision, and I am hoping that this email will help open communication between WHAMM and local commissions to insure this notification goes smoothly.

Please feel free to contact me with questions,
Don Gonyea, EA3
CTDEEP / BMMCA / WPED
79 Elm Street
Hartford, CT 06106
(203) 305-9061

7/11/2012



Connecticut Department of
Energy & Environmental Protection

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: _____

Permit Application Transmittal Form

Please complete this transmittal form in accordance with the instructions in order to ensure the proper handling of your application(s) and the associated fee(s). Print legibly or type.

Part I: Applicant Information:

- *If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, applicant's name shall be stated exactly as it is registered with the Secretary of State.
- If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

Applicant: **University of Connecticut**
 Mailing Address: **31 LeDoyt Road, U-3055**
 City/Town: **Storrs** State: **CT** Zip Code: **06416**
 Business Phone: **860-486-9305** ext.: _____ Fax: **860-486-5477**
 Contact Person: **Jason Coite** Phone: **860-486-9305** ext. _____
 E-Mail: **jason.coite@uconn.edu**

Applicant (check one): individual *business entity federal agency state agency municipality tribal
 *If a business entity, list type (e.g., corporation, limited partnership, etc.):
 Check if any co-applicants. If so, attach additional sheet(s) with the required information as supplied above.

Please provide the following information to be used for *billing purposes only*, if different:
 Company/Individual Name: **same**
 Mailing Address:
 City/Town: _____ State: _____ Zip Code: _____
 Contact Person: _____ Phone: _____ ext. _____

Part II: Project Information

Brief Description of Project: *(Example: Development of a 50 slip marina on Long Island Sound)*
Aquatic pesticides to be applied at UConn ponds

Location (City/Town): **Storrs, CT**

Other Project Related Permits (*not* included with this form):

Permit Description	Issuing Authority	Submittal Date	Issuance Date	Denial Date	Permit #

Part III: Individual Permit Application and Fee Information

New, Mod. or Renew	Individual Permit Applications	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
	AIR EMISSIONS				
	New Source Review	\$940.00			1 + 0
	Title V Operating Permits	none			1 + 0
	Title IV	none			1 + 0
	Clean Air Interstate Rule (CAIR)	none			1 + 0
	WATER DISCHARGES				
	To Groundwater	\$1300.00			1 + 1
	To Sanitary Sewer (POTW)	\$1300.00			1 + 1
	To Surface Water (NPDES)	\$1300.00			1 + 2
	INLAND WATER RESOURCES-multiple permits 1 + 6 total copies				
	Dam Construction	none			1 + 2
	Flood Management Certification	none			1 + 1
	Inland 401 Water Quality Certification	none			1 + 5
	Inland Wetlands and Watercourses	none			
	Stream Channel Encroachment Lines	★			
	Water Diversion	★			1 + 5
	OFFICE OF LONG ISLAND SOUND PROGRAMS				
	Certificate of Permission	\$375.00			1 + 3
	Coastal 401 Water Quality Certification	none			1 + 3
	Structures and Dredging/Tidal Wetlands	\$660.00			1 + 3
	WASTE MANAGEMENT				
	Aerial Pesticide Application	★			1 + 2
R	Aquatic Pesticide Application	\$200.00	1	\$200	1 + 0
	CGS Section 22a-454 Waste Facilities	★			1 + 1
	Hazardous Waste Treatment, Storage and Disposal Facilities	★			1 + 1
	Marine Terminal License	\$125.00			1 + 0
	Stewardship	\$4000.00			1 + 1
	Solid Waste Facilities	★			1 + 1
	Waste Transportation	★			1 + 0
		Subtotal ➡	1	\$200	
GENERAL PERMITS and AUTHORIZATIONS		Subtotals Page 3 ➡			
Enter subtotals from Part IV, pages 3 & 4 & 5 of this form		Subtotals Page 4 ➡			
		Subtotals Page 5 ➡			
		TOTAL ➡	1	\$200	
<input type="checkbox"/> Indicate whether municipal discount or state waiver applies.		Less Applicable Discount ➡			
		AMOUNT REMITTED ➡		\$200	
Check # ➡	<input type="text"/>	Check or money order should be made payable to: "Department of Energy and Environmental Protection"			

★ See fee schedule on individual application.

**Part IV: General Permit Registrations and Requests for Other Authorizations
Application and Fee Information**

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
AIR EMISSIONS				
<input type="checkbox"/> Limit Potential to Emit from Major Stationary Sources of Air Pollution	\$2760.00			1 + 0
<input type="checkbox"/> Ionizing Radiation Registration	\$200.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
WATER DISCHARGES				
<input type="checkbox"/> Domestic Sewage	\$500.00			1 + 0
<input type="checkbox"/> Food Processing Wastewater	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Sanitary Sewer	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Surface Water				
<input type="checkbox"/> Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1250.00			
<input type="checkbox"/> Hydrostatic Pressure Testing Wastewater				
<input type="checkbox"/> Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP (natural gas pipelines)	\$1250.00			
<input type="checkbox"/> Miscellaneous Discharges of Sewer Compatible Wastewater				
<input type="checkbox"/> Flow < 5,000 gpd and fire sprinkler system testwater	\$625.00			1 + 1
<input type="checkbox"/> Flow > 5,000 gpd	\$1250.00			
<input type="checkbox"/> Non-Contact Cooling and Heat Pump Water (Minor)	\$625.00			1 + 1
<input type="checkbox"/> Photographic Processing Wastewater (Minor)	\$100.00			1 + 0
<input type="checkbox"/> Printing & Publishing Wastewater (Minor)	\$500.00			1 + 0
<input type="checkbox"/> Flow < 40 gpd	\$100.00			
<input type="checkbox"/> Stormwater Associated with Commercial Activities	\$500.00			1 + 0
<input type="checkbox"/> Stormwater Associated with Industrial Activities				
<500 employees—see general permit for additional requirements	\$500.00			1 + 0
>500 employees—see general permit for additional requirements	\$1000.00			
<input type="checkbox"/> Stormwater & Dewatering Wastewaters-Construction Activities				
<input type="checkbox"/> 5 – 10 acres	\$625.00			1 + 0
<input type="checkbox"/> > 10 acres	\$1250.00			
<input type="checkbox"/> Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)	\$250.00			1 + 0
<input type="checkbox"/> Swimming Pool Wastewater - Public Pools and Contractors	\$500.00			1 + 0
<input type="checkbox"/> Tumbling or Cleaning of Parts Wastewater (Minor)	\$1000.00			1 + 1
<input type="checkbox"/> Vehicle Maintenance Wastewater				
<input type="checkbox"/> Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1250.00			
<input type="checkbox"/> Water Treatment Wastewater	\$625.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to POTW	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Surface Water	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Groundwater	\$1500.00			1 + 0
<input type="checkbox"/> Other, (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form. Subtotal →		0	0	

★★ Contact the specific permit program for this information (Contact numbers are provided in the instructions).

Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
AQUIFER PROTECTION PROGRAM				
<input type="checkbox"/> Registration for Regulated Activities	\$625.00			1 + 0
<input type="checkbox"/> Permit Application to Add a Regulated Activity	\$1250.00			1 + 0
<input type="checkbox"/> Exemption Application from Registration	\$1250.00			1 + 0
INLAND WATER RESOURCES				
<input type="checkbox"/> Dam Safety Repair and Alteration	\$1000.00			1 + 2
<input type="checkbox"/> Diversion of Water for Consumptive Use: Reauthorization Categories	\$1000.00			1 + 2
<input type="checkbox"/> Diversion of Water for Consumptive Use: Authorization Required	\$2500.00			1 + 5
<input type="checkbox"/> Diversion of Water for Consumptive Use: Filing Only	\$1500.00			1 + 4
<input type="checkbox"/> Habitat Conservation	\$1000.00			1 + 2
<input type="checkbox"/> Lake, Pond and Basin Dredging	\$1000.00			1 + 2
<input type="checkbox"/> Minor Grading	\$1000.00			1 + 2
<input type="checkbox"/> Minor Structures	\$1000.00			1 + 2
<input type="checkbox"/> Utilities and Drainage	\$1000.00			1 + 2
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
OFFICE OF LONG ISLAND SOUND PROGRAMS				
<input type="checkbox"/> 4/40 Docks	\$700.00			1 + 1
<input type="checkbox"/> Beach Grading	\$100.00			1 + 1
<input type="checkbox"/> Coastal Remedial Activities Required by Order	\$700.00			1 + 1
<input type="checkbox"/> Dock Reconstruction	\$300.00			1 + 1
<input type="checkbox"/> Marina and Mooring Field Reconfiguration	\$700.00			1 + 1
<input type="checkbox"/> Non-harbor Moorings	\$100.00			1 + 1
<input type="checkbox"/> Osprey Platforms and Perch Poles	none			1 + 1
<input type="checkbox"/> Pump-out Facilities (no fee for Clean Vessel Act grant recipients)	\$100.00			1 + 1
<input type="checkbox"/> Removal of Derelict Structures	\$100.00			1 + 1
<input type="checkbox"/> Residential Flood Hazard Mitigation	\$100.00			1 + 1
<input type="checkbox"/> Swim Floats	\$100.00			1 + 1
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form. Subtotal		0	0	

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.

Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
WASTE MANAGEMENT				
<input type="checkbox"/> Addition of Grass Clippings at Registered Leaf Composting Facilities	\$500.00			1 + 0
<input type="checkbox"/> Asbestos Disposal Authorization	\$300.00			1 + 0
Certain Recycling Facilities				
<input type="checkbox"/> Drop-site Recycling Facility	\$200.00			1 + 0
<input type="checkbox"/> Limited Processing Recycling Facility	\$500.00			1 + 0
<input type="checkbox"/> Recyclables Transfer Facility	\$500.00			1 + 0
<input type="checkbox"/> Single Item Recycling Facility	\$500.00			1 + 0
Contaminated Soil and/or Staging Management (Staging/Transfer)				
<input type="checkbox"/> Registration Only	\$250.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1500.00			1 + 0
<input type="checkbox"/> Connecticut Solid Waste Demonstration Project	\$1000.00			1 + 0
<input type="checkbox"/> Disassembling Used Electronics	\$400.00			1 + 0
<input type="checkbox"/> Leaf Composting Facility	none			1 + 1
<input type="checkbox"/> Municipal Transfer Station	\$800.00			1 + 1
<input type="checkbox"/> One Day Collection of Certain Wastes and Household Hazardous Waste	\$1000.00			1 + 0
<input type="checkbox"/> Special Waste Authorization	\$660.00			1 + 0
<input type="checkbox"/> Storage and Distribution of Two (2) Inch Nominal Tire Chlp Aggregate	\$500.00			1 + 0
<input type="checkbox"/> Storage and Processing of Asphalt Roofing Shingle Waste and/or Storage and Distribution of Ground Asphalt Aggregate	★			1 + 0
<input type="checkbox"/> Storage and Processing of Scrap Tires for Beneficial Use	\$1000.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> Other, (please specify):				
REMEDIATION				
<input type="checkbox"/> In Situ Groundwater Remediation: Enhance Aerobic Biodegradation	★			1 + 2
Note: Carry subtotals over to Part III, page 2 of this form.	Subtotal →	0	0	

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.

The Department of Energy and Environmental Protection is an affirmative action/equal opportunity employer and service provider. In conformance with the Americans with Disabilities Act, DEEP makes every effort to provide equally effective services for persons with disabilities. Individuals with disabilities who need this information in an alternative format, to allow them to benefit and/or participate in the agency's programs and services, should call 860-424-3035 or e-mail the ADA Coordinator at DEP.aaoffice@ct.gov. Persons who are hearing impaired should call the State of Connecticut relay number 711.



Connecticut Department of
 Energy & Environmental Protection
 Bureau of Materials Management & Compliance Assurance
 Engineering & Enforcement Division

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. You must submit the initial fee along with this form.

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #:	_____
Program: Aquatic Pesticides	

Part I: Application Description

Town where site is located: <u>Storrs, CT</u>
Brief Description of Project: Copper-based compounds applied for algae and aquatic weed control at Swan and Mirror Lakes on the UConn main campus.

Part II: Fee Information

A fee of \$200.00 [#1009] is to be submitted with <i>each</i> 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 Energy and Environmental Protection.

Part III: Site Location

Name of Waterbody: UConn ponds (Swan Lake, Mirror Lake)		
Street address and/or description of location:		
Swan Lake: SW of intersection of North Eagleville Road & Glen Brook Road		
Mirror Lake: NW of intersection of Storrs Road (Rt. 195) and Mansfield Road		
City/Town: Storrs	State: CT	Zip Code: 06269

Part IV: Applicant Information

- *If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the applicant's name shall be stated exactly as it is registered with the Secretary of State. This information can be accessed at [CONCORD](http://www.concord-sots.ct.gov/CONCORD/index.jsp). (www.concord-sots.ct.gov/CONCORD/index.jsp)*
- If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).*

Part IV: Applicant Information (continued)

1. Applicant Name: University of Connecticut

Mailing Address: 31 LeDoyt Road

City/Town: Storrs

State: CT

Zip Code: 06269

Business Phone: 860-486-9305

ext.:

Fax: 860-486-5477

Contact Person: Jason Coite

Phone: same

ext.

*E-mail: jason.coite@uconn.edu

*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

- a) Applicant Type (check one): individual *business entity federal agency
 state agency municipality tribal

*If a business entity:

- i) check type: corporation limited liability company limited partnership
 limited liability partnership statutory trust Other: _____

- ii) provide Secretary of the State business ID #: _____ This information can be accessed at CONCORD

- iii) Check here if you are **NOT** registered with the Secretary of State's office.

b) Applicant's interest in property at which the proposed activity is to be located:

- site owner option holder lessee
 easement holder operator pesticide applicator
 other (specify): _____

- Check if any co-applicants. If so, attach additional sheet(s) with the required information as requested above.

2. Billing contact, if different than the applicant.

Name: same as applicant

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Fax:

Contact Person:

Phone:

ext.

E-mail:

3. Primary contact for departmental correspondence and inquiries, if different than the applicant.

Name: same as applicant

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Fax:

Contact Person:

Phone:

ext.

*E-mail:

*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

Part IV: Applicant Information (continued)

4. List only one owner of the site to be treated.

Name: University of Connecticut

Mailing Address: 31 LeDoyt Road, Unit 3094

City/Town: Storrs

State: CT

Zip Code: 06269

Business Phone: 860-486-3396

ext.:

Fax: 860-486-3117

Contact Person: Robert Sitkowski

Phone: same

ext.

E-mail: robert.sitkowski@uconn.edu

5. List the person or company applying the pesticides.

Name: All Habitat

Mailing Address: PO Box 874

City/Town: Madison

State: CT

Zip Code: 06443

Business Phone: 203-245-1212

ext.:

Fax: 203245-2981

Contact Person: David Roach

Phone: 203-245-1212

ext.

E-mail: droach@allhabitat.com

Certification Number: S-3538

Part V: Site Information

1. COASTAL AREA: Is the pesticide application located in a municipality within the coastal area?

Yes No (check town list in the instructions)

If yes, is the water being treated subject to the ebb and flow of the tides, or inundated by saline or brackish water at least once a month? Yes No

If the water being treated is subject to the ebb and flow of the tides, or is inundated by saline or brackish water at least once a month, you must submit a Coastal Consistency Review Form (DEP-APP-004) with your application as Attachment C.

For assistance in determining if the water being treated is affected by tidal water as described above or in completing the Coastal Consistency Review form, contact the Office of Long Island Sound Programs (OLISP) at 860-424-3034.

2. ENDANGERED OR THREATENED SPECIES: According to the most current "State and Federal Listed Species and Natural Communities Map", is the activity which is the subject of this application located within an area identified as a habitat for endangered, threatened or special concern species or located less than ½ mile upstream or downstream of such an area? Yes No Date of Map: Dec. 2011

If yes, complete and submit a Request for NDDB State Listed Species Review Form (DEP-APP-007) to the address specified on the form, prior to submitting this application. **Please note NDDB review generally takes 4 to 6 weeks and may require additional documentation from the applicant. A copy of the completed Request for NDDB State Listed Species Review Form and The CT NDDB response *must* be submitted with this completed application as Attachment D.**

For more information visit the DEEP website at www.ct.gov/deep/nddbrequest or call the NDDB at 860-424-3011.

Part V: Site Information (continued)

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, elodea, watermeal**

16. Identify all types of fish present: **common warm water species**

17. Identify proposed chemicals to be used, the amount per treatment and number of treatments:

<i>Chemical</i>	<i>Amount per Treatment</i>	<i>Number of Treatments</i>
a) see attached	see attached	
b)		
c)		

18. Projected date(s) of pesticide use: **June - October**

19. List prior years in which chemicals were applied to this waterbody:
2004-2011

Part V: Site Information (continued)

8. Identify the size of the waterbody:

	Length (ft)	Width (ft)	Acres	Max Depth (ft)	Avg. Depth (ft)	Volume (ac-ft)
Mirror Lake	N/A	N/A	5	5	3	15
Swan Lake	N/A	N/A	2	10	4	8

9. Portion of the waterbody to be treated:

	Acres	Volume (ac-ft)
Mirror Lake	5	15
Swan Lake	2	8

17. Identify chemicals to be used, the amount per treatment and number of times

	Chemical	Amount per Treatment	No. of Treatments (max)
Mirror Lake	Copper Tea	Up to 12.8 gals per ½-treatment	Four ½-treatments
	Copper Carbonate	Up to 22.5 gals per ½-treatment	Four ½-treatments
Swan Lake	Copper Tea	Up to 10.2 gals per ½-treatment	Four ½-treatments
	Copper Carbonate	Up to 9 gals per ½-treatment	Four ½-treatments

Part VI: Supporting Documents

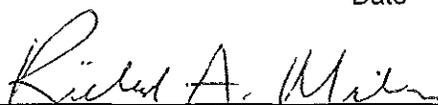
Be sure to read the instructions (DEP-PEST-INST-200) to determine whether the attachments listed are applicable to your specific activity. Check the applicable box below for each attachment being submitted with this application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on this application form.

- Attachment A: An 8-1/2" x 11" legible 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: **Copy of the completed *Request for NDDB State Listed Species Review Form* (DEP-APP-007) and the NDDB response, 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 department.
- Attachment F: Conservation or Preservation Restriction Information, if applicable.

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 VII: 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.

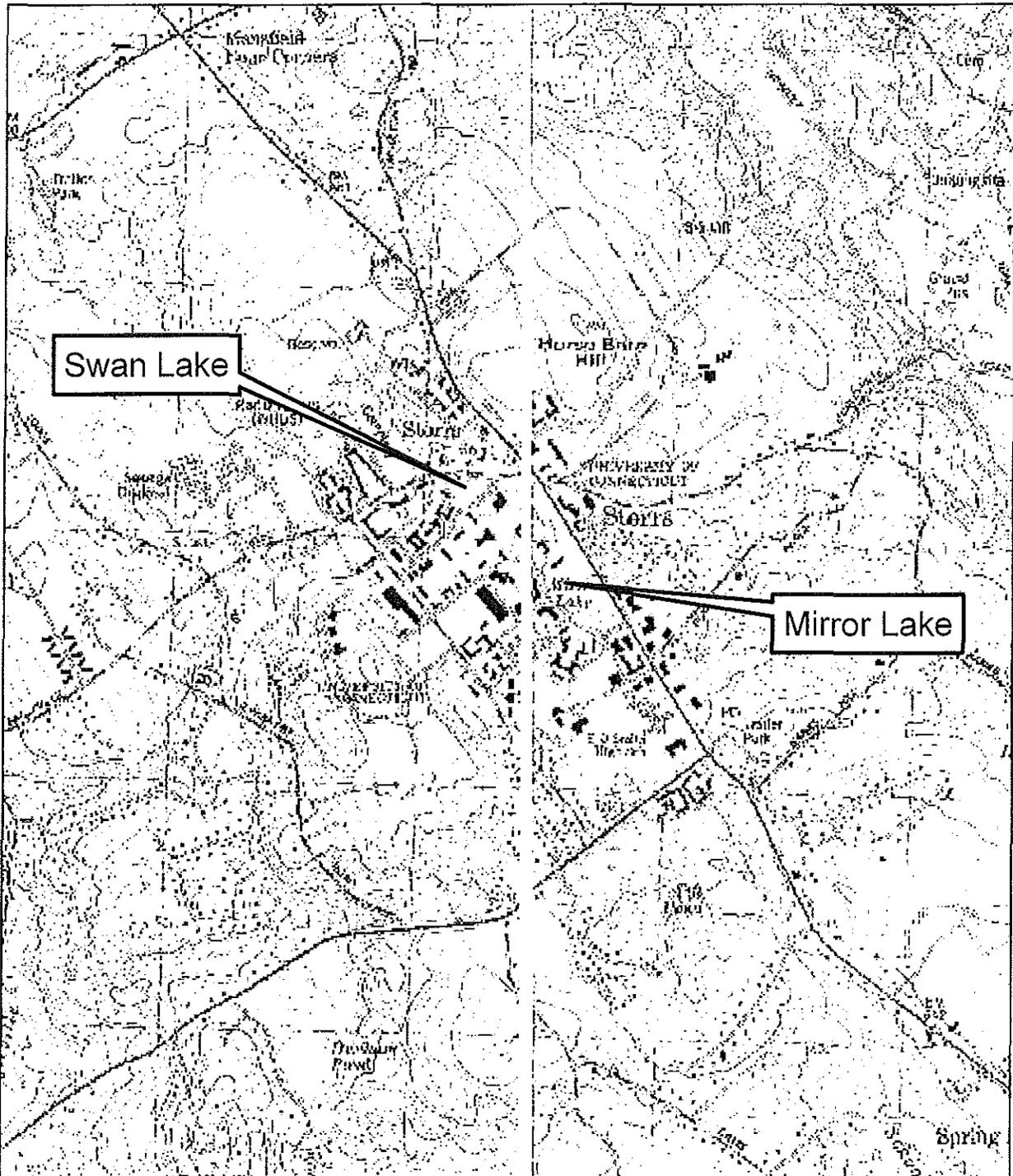
<p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate 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 type="checkbox"/> I also certify that I have sent one copy of this completed application to the appropriate local inland wetland agency on _____ " <div style="text-align: center; margin-left: 150px;">Date</div> </p>	
<p></p> <hr/> <p>Signature of Applicant</p>	<p style="text-align: right; margin-right: 50px;">6/1/12</p> <hr/> <p>Date</p>
<p>Richard Miller</p> <hr/> <p>Name of Applicant (print or type)</p>	<p>Dir. of Env. Policy</p> <hr/> <p>Title (if applicable)</p>
<p></p> <hr/> <p>Signature of Preparer (if different than above)</p>	<p style="text-align: right; margin-right: 50px;">6/1/12</p> <hr/> <p>Date</p>
<p>Jason Coite, PE</p> <hr/> <p>Name of Preparer (print or type)</p>	<p>Env. Compliance Analyst</p> <hr/> <p>Title (if applicable)</p>
<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 this completed Application Form, Fee, and all Supporting Documents to:

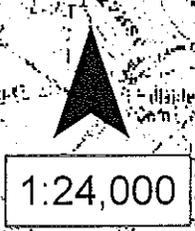
CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

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

Attachment A
Site Location Map



Attachment A: USGS Map
 Permit Application for Use of Pesticides in State Waters
 UConn Ponds
 Mirror Lake (Spring Hill USGS Quadrangle Map)
 Swan Lake (Coventry USGS Quadrangle Map)



Attachment B

Applicant Compliance Information



Applicant Compliance Information

DEP ONLY

App. No. _____

Co./Ind. No. _____

Applicant Name: **University of Connecticut**
 (as indicated on the *Permit Application Transmittal Form*)

If you answer yes to any of the questions below, you must complete the Table of Enforcement Actions on the reverse side of this sheet as directed in the instructions for your permit application.

- A. During the five years immediately preceding submission of this application, has the applicant been convicted in any jurisdiction of a criminal violation of any environmental law?
- Yes No
- B. During the five years immediately preceding submission of this application, has a civil penalty been imposed upon the applicant in any state, including Connecticut, or federal judicial proceeding for any violation of an environmental law?
- Yes No
- C. During the five years immediately preceding submission of this application, has a civil penalty exceeding five thousand dollars been imposed on the applicant in any state, including Connecticut, or federal administrative proceeding for any violation of an environmental law?
- Yes No
- D. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal court issued any order or entered any judgement to the applicant concerning a violation of any environmental law?
- Yes No
- E. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal administrative agency issued any order to the applicant concerning a violation of any environmental law?
- Yes No

Table of Enforcement Actions*

(1) Type of Action	(2a) Date Commenced	(2b) Date Terminated	(3) Jurisdiction	(4) Case/Docket/ Order No.	(5) Description of Violation
Administrative Order	7/18/11	Open	Dept. of Energy and Environmental Protection	Consent Order #8311	No violation. Cooperative agreement to improve air quality.

Check the box if additional sheets are attached. Copies of this form may be duplicated for additional space.

* Past five years only – unless open

Attachment D

Copy of Completed Request for NDDB State Listed Species Review Form

and

NDDB Response, dated May 31, 2012



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: No fee required

Program: Natural Diversity Database
Endangered Species

Hardcopy _____ Electronic _____

Request for Natural Diversity Data Base (NDDB) State Listed Species Review

Please complete this form in accordance with the instructions (DEP-INST-007) to ensure proper handling of your request. There are no fees associated with NDDB Reviews.

Part I: Preliminary Screening

Before submitting this request, you must review the Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the [DEEP website](#). Follow the instructions on the map or in this form's instruction document. These maps are updated twice a year, usually in June and December.

Does your site, including all affected areas, meet the screening criteria according to the instructions:

Yes No

Enter the date of the map reviewed for pre-screening: Dec. 2011

Part II: Requester Information

**If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the company name shall be stated exactly as it is registered with the Secretary of State. This information can be accessed at [CONCORD](#).*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

1. Requester Company Name*: **University of Connecticut**

Name: Jason Coite

Address: 31 LeDoyt Road

City/Town: Storrs

State: CT

Zip Code: 06269

Business Phone: 860-486-9305

ext.

Fax: 860-486-5477

E-mail: jason.colte@uconn.edu

By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

Requester can best be described as:

Business Entity Federal Agency Municipal govt. State agency Individual
 Tribe Other (specify):

Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant
 Biologist Pesticide Applicator Other representative:

Part II. Requester Information (continued)

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company: same as requester

Contact Person:

Title:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

E-mail:

By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

1. SITE NAME AND LOCATION

Site Name or Project Name: **Mirror Lake, Swan Lake, University of Connecticut**

Town(s): **Storrs**

Street Address or Location Description:

**Swan Lake is located SW of the intersection of North Eagleville Road and Glenbrook Road.
Mirror Lake is located NW of the intersection of Storrs Road (Rt. 195) and Mansfield Road.**

Size in acres, or site dimensions: **Swan Lake is ~2 acres; Mirror Lake is ~5 acres.**

Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):

Latitude: **Swan: 41.81096
Mirror: 41.80699**

Longitude: **Swan: -72.25245
Mirror: -72.24729**

Method of coordinate determination (check one):

GPS Photo interpolation using [CTECO map viewer](http://www.getlatlon.com) Other (specify):
www.getlatlon.com

2a. Describe the current land use and land cover of the site.

Ponds on the UConn campus

b. Check all that apply and enter the size in acres or % of area in the space after each checked category.

<input type="checkbox"/> Industrial/Commercial _____	<input type="checkbox"/> Residential _____	<input type="checkbox"/> Forest _____
<input type="checkbox"/> Wetland _____	<input type="checkbox"/> Field/grassland _____	<input type="checkbox"/> Agricultural _____
<input checked="" type="checkbox"/> Water 100	<input type="checkbox"/> Utility Right-of-way _____	
<input type="checkbox"/> Transportation Right-of-way _____	<input type="checkbox"/> Other (specify): _____	

Part IV: Project Information

1. **PROJECT TYPE:**
 Choose Project Type: Aquatic plant control , If other describe: _____

2. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? Yes No If yes, explain.
 invasive weed and algae control

3. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used.
 Applicatoin of copper-based compounds as an aquatic pesticide bya licensed applicator to control invasive aquatic nuicance plants and algae.

4. Provide a contact for questions about the project details if different from Part II primary contact.
 Name: same as primary contact
 Phone:
 E-mail:

Part V: Request Type and Associated Application Type

Check *one* box from either Group 1 or Group 2, indicating the appropriate category for this request.

Group 1. If you check one of these boxes, fill out Parts I – VII of this form and submit the required attachments A and B.

- Preliminary screening was negative but an NDDB review is still requested
- Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)
- Request regards a preliminary site assessment or project feasibility study
- Request relates to land acquisition or protection
- Request is associated with a *renewal* of an existing permit, with no modifications

Group 2. If you check one of these boxes, fill out Parts I – VII of this form and submit required attachments A, B, and C.

- Request is associated with a *new* state or federal permit application
- Request is associated with modification of an existing permit
- Request is associated with a permit enforcement action
- Request regards site management or planning, requiring detailed species recommendations
- Request regards a state funded project, state agency activity, or CEPA request

If you are filing this request as part of a state or federal permit application enter the application information below.

Permitting Agency and Application Name:

DEEP Pesticide Program, permit application for use of pesticides in state waters, DEEP WPED,

State DEEP Application Number, if known: unknown

State DEEP Enforcement Action Number, if known: n/a

State DEEP Permit Analyst/Engineer, if known: _____

Is this request related to a previously submitted NDDB request? Yes No

Enter the previous NDDB Request Number(s), if known: 201106337

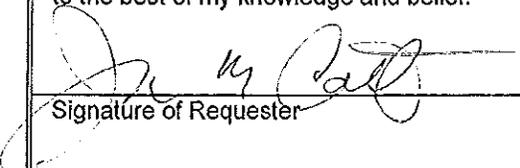
Part VI: Supporting Documents

Check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all requesters.** Attachment C (DEP-APP-007C) is supplied at the end of this form.

<input checked="" type="checkbox"/> Attachment A:	Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site.
<input checked="" type="checkbox"/> Attachment B:	Detailed Site Map: fine scaled map showing site boundary details on aerial imagery with relevant landmarks labeled. (Site boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document)
<input checked="" type="checkbox"/> Attachment C:	Supplemental Information, Group 2 requirement (attached, DEP-APP-007C) <input checked="" type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input checked="" type="checkbox"/> Section ii: Supplemental Project Information and supporting documents

Part VII: Requester Certification

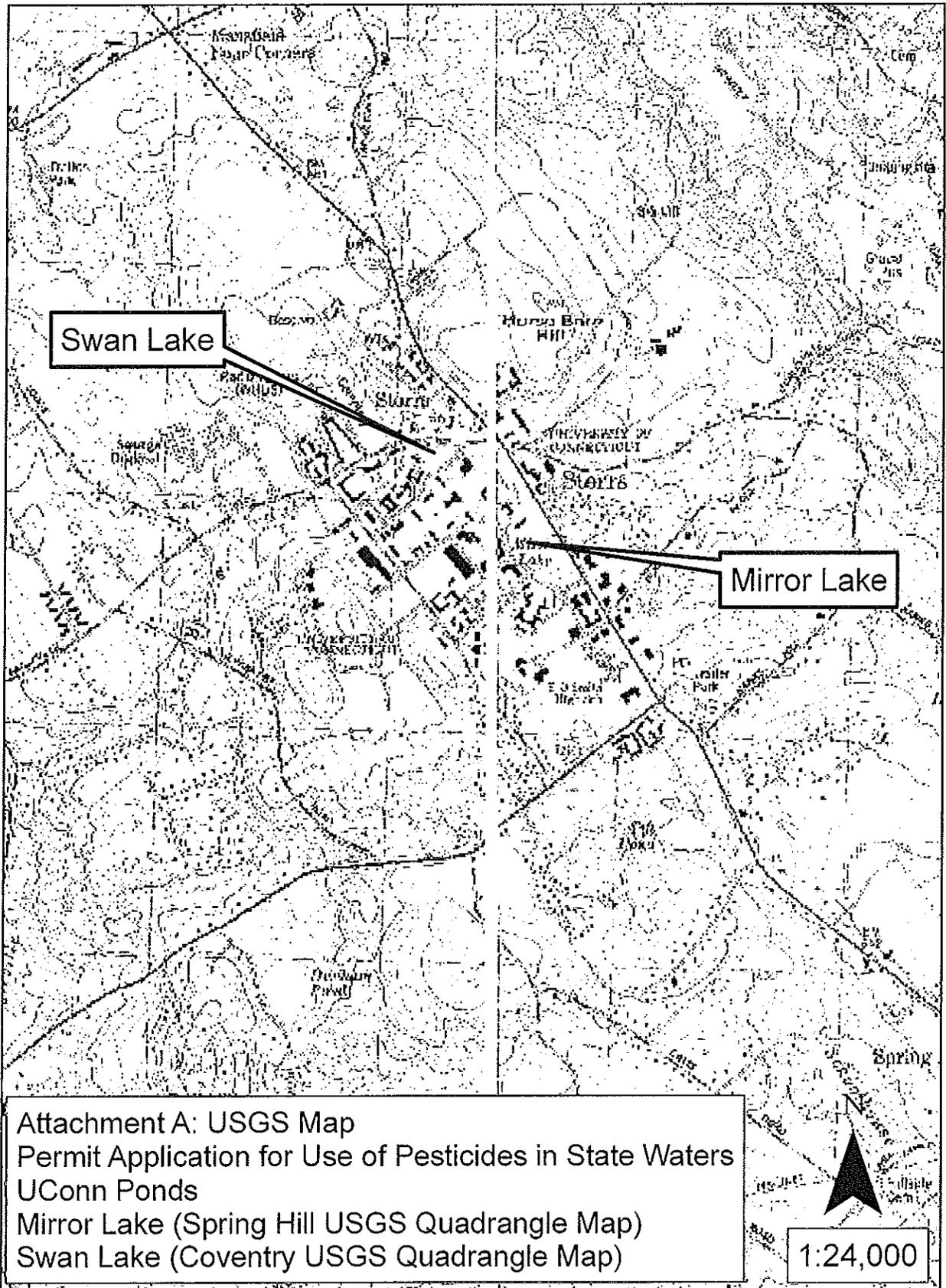
The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

"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."	
 _____ Signature of Requester	_____ Date <u>5/29/12</u>
<u>Jason M. Coite P.E.</u> _____ Name of Requester (print or type)	_____ Env. Compliance Prof. Title (if applicable)
_____ Signature of Preparer (if different than above)	_____ Date
<u>same</u> _____ Name of Preparer (print or type)	_____ Title (if applicable)

Note: Please submit the completed Request Form and all Supporting Documents to:

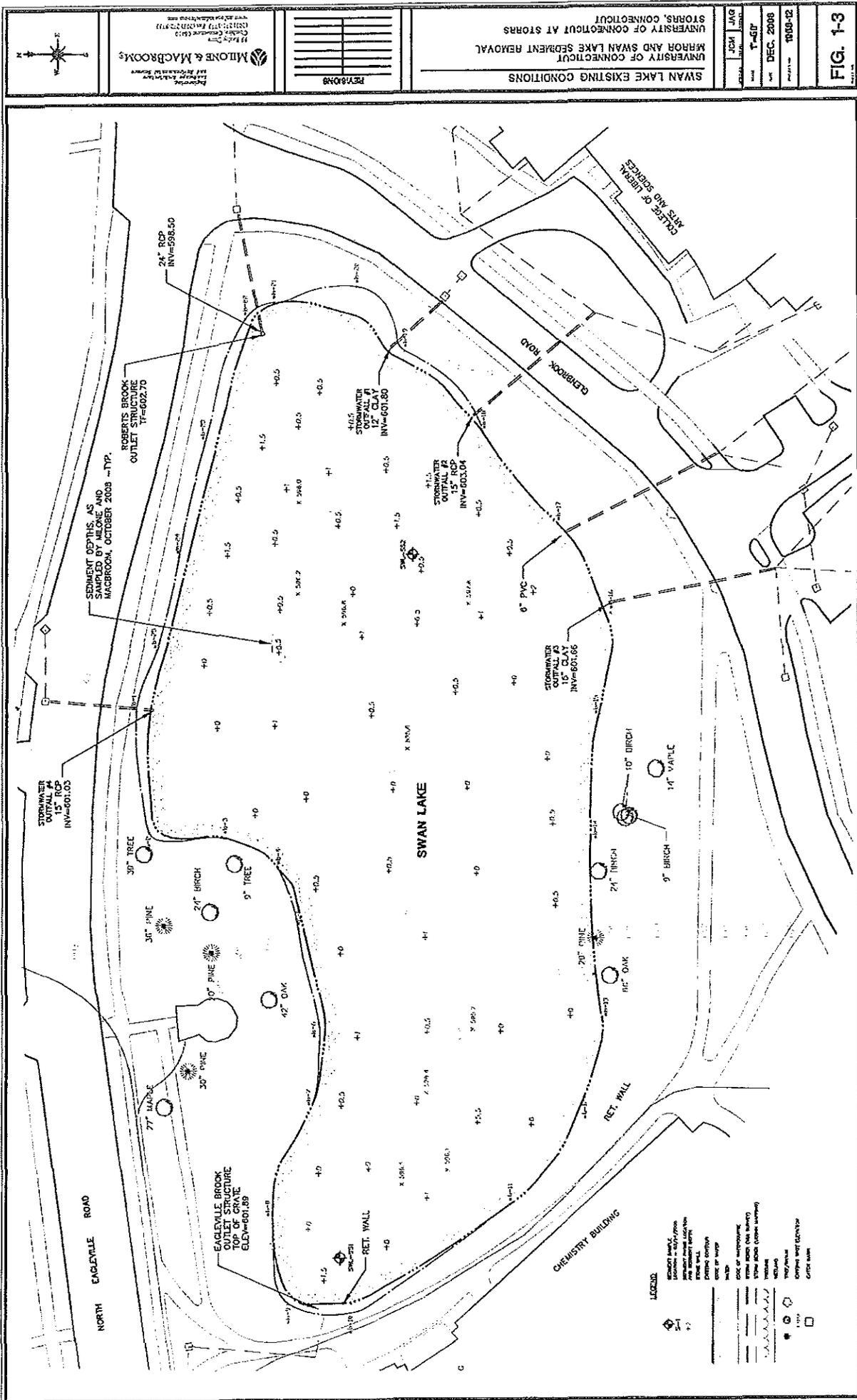
CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: dep.nddbrequest@ct.gov



Attachment A: USGS Map
 Permit Application for Use of Pesticides in State Waters
 UConn Ponds
 Mirror Lake (Spring Hill USGS Quadrangle Map)
 Swan Lake (Coventry USGS Quadrangle Map)

1:24,000



MILONE & MACBROOM
 111 Middle Street
 Westport, Connecticut 06880
 Phone: (203) 327-8800
 Fax: (203) 327-8801
 Email: info@milone-mac.com

REVISIONS

NO.	DATE	DESCRIPTION

UNIVERSITY OF CONNECTICUT
 HERRON AND SWAN LAKE SEWAGE REMOVAL
 STORNS, CONNECTICUT

DATE	JAN 11 2008	DRAWN BY	T-607	PROJECT NO.	1008-02
DATE	DEC. 2008	DATE		DATE	

FIG. 1-3

Attachment C: Supplemental Information, Group 2 requirement

Section i: Supplemental Site Information

1. Existing Conditions

Describe all natural and man-made features including wetlands, watercourses, fish and wildlife habitat, floodplains and any existing structures potentially affected by the subject activity. Such features should be depicted and labeled on the site plan that must be submitted. Photographs of current site conditions may be helpful to reviewers.

Mirror Lake has a surface water area of approximately 5 acres. The earthen dam that impounds this water body is approximately 10 feet in height and has a concrete spillway. The dam and spillway are located along the northern portion of the lake. Mirror Lake is hydrologically supported by Roberts Brook, ground water discharges, and surface water runoff from abutting upland areas. Mirror Lake has eight stormwater outfalls. Swan lake is surrounded by campus buildings and maintained lawn areas. Swan Lake has a surface water area of approximately 2.5 acres. The lake is hydrologically supported by ground water and surface water runoff from abutting upland areas. Swan Lake has seven primary stormwater outfalls that discharge to it. Swan Lake overflows via two outlets. The first is located along the northeastern side of the pond and consists of a raised metal grate structure. Pond overflow discharges into this outlet structure and is conveyed under Glenbrook Road and Route 195. This discharge empties into Roberts Brook near the Valentine Meadow area. The second outlet structure is located along the northwest portion of the lake and consists of a raised concrete weir structure with a metal grate. The weir elevation is higher than the northeast outlet and is active only during higher flows. This outlet discharges into a 48-inch RCP to Eagleville Brook.

- Site Photographs (optional) attached
- Site Plan/sketch of existing conditions attached

2. Biological Surveys

Has a biologist visited the site and conducted a biological survey to determine the presence of any endangered, threatened or special concern species Yes No

If yes, complete the following questions and submit any reports of biological surveys, documentation of the biologist's qualifications, and any NDDB survey forms.

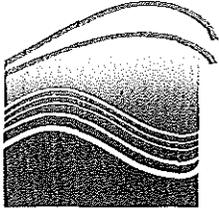
Biologist(s) name:

Habitat and/or species targeted by survey:

Dates when surveys were conducted:

- Reports of biological surveys attached
- Documentation of biologist's qualifications attached
- NDDB Survey forms for any listed species observations attached

Section ii: Supplemental Project Information



Connecticut Department of

ENERGY &
ENVIRONMENTAL
PROTECTION

May 31, 2012

Jason Coite
University Of Connecticut
31 Ledoyt Rd
Storrs, CT 06269
jason.coite@uconn.edu

Project: Mirror Lake, Swan Lake, UCONN, Mansfield
Request No.: 201204772

Dear Jason Coite,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed Mirror Lake, Swan Lake, UCONN, Mansfield, Connecticut. I have determined that the proposed activities will not impact any extant populations of Federal or State Endangered, Threatened or Special Concern Species that occur in the vicinity of this property.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov. Thank you for consulting the Natural Diversity Data Base. Also be advised that this is a preliminary review and not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to DEEP for the proposed site.

Sincerely,

Dawn M. McKay
Environmental Analyst 3

Attachment E

Copy of Certified Mail Receipt to Local Inland Wetlands Agency

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>
<p>1. Article Addressed to:</p> <p>Town of Mansfield Inland Wetland Agency Audrey P. Beck Municipal Bldg. 4 So. Eagleville Road Mansfield, CT 06268</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7009 0080 0000 0844 7452</p>
<p>PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540</p>	

PLACE STICKER ON ENVELOPE OR BOX TO PROTECT CONTENTS FROM DAMAGE
CERTIFIED MAIL



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7009 0080 0000 0844 7452

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OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To
Town of Mansfield Inland Wetland Agency
 Street, Apt. No.,
 or PO Box No. **4 So. Eagleville Road**
 City, State, ZIP+4
Mansfield, Ct 06268

PS Form 3800, August 2005 See Reverse for Instructions

