



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

79 Elm Street, Hartford, CT 06106-5127

Amey Marrella, Commissioner

Statewide Inland Wetlands and Watercourses Activity Reporting Program

STATUS AND TRENDS REPORT *For the Year 2006*



Bureau of Water Protection and Land Reuse
Inland Water Resources Division
www.ct.gov/dep

December, 2009

STATUS AND TRENDS REPORT 2006

Table of Contents

Executive Summary	1
Introduction	2
The Statewide Inland Wetlands and Watercourses Activity Reporting Program	2
Inland Wetlands Agency Actions	3
Permitted Wetland and Watercourse Alterations and Creations	3
Permitted Wetland and Watercourse Alteration Activity Types	5
Permitted Wetland and Watercourse Alteration Activity Purposes	6
Discussion	8
No Net Losses in Wetlands	8
Key Policy Changes of 1996	9
Upland Review Areas	9
Residential Development	10
Agriculture, Forestry, and Conservation	11
Non-Reporting Towns	11
For More Information	12
References Used	12

STATUS AND TRENDS REPORT 2006

Table of Contents

Tables

Table 1	Total Actions Reported for 2006	4
Table 2	Acres of Permitted Wetland and Open Water Body Alterations Reported for 2006.	4
Table 3	Linear Feet of Permitted Stream Alterations Reported for 2005	4

Figures

Figure 1	Acres of Permitted Wetlands Alterations and Creations per Year	5
Figure 2	Acres of Wetlands and Watercourses Associated with Permitted Activity Types for 2006	6
Figure 3	Purposes for Permitted Wetlands and Watercourses Alterations in Acres for 2006	7
Figure 4	Yearly Net Inland Wetlands Acreage	8
Figure 5	Ratio of Inland Wetlands Creation to Alteration	9
Figure 6	Number of Agent Approvals per Year	10

Appendices

Appendix A	Permitted Wetland and Watercourse Alteration Activity Types Reported for 2006	13
Appendix B	Permitted Wetland and Watercourse Alteration Activity Purposes Reported for 2006	14
Appendix C	Non-reporting Towns in 2006.	15
Appendix D	2006 Statewide Inland Wetlands and Watercourses Activity Reporting Form	16

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Executive Summary

With the passage of Public Act 87-533, the Commissioner of the Department of Environmental Protection (DEP) was given authority to collect reports from municipal inland wetlands agencies regarding activities affecting inland wetlands and watercourses. While the legislation did not direct the DEP to compile, assess, or analyze the collected reports or publish any findings or conclusions, the DEP believes the report provides the best indication of trends regarding inland wetlands and watercourses in Connecticut. The information in this *Status and Trends Report for the Year 2006* is used by various state and federal agencies and provides the Connecticut Legislature with important data on activities affecting wetlands and watercourses.

The total numbers of activities managed by the municipal inland wetlands agencies reflect the pace of development in Connecticut and the reporting rate by individual towns. Municipal inland wetlands agencies took 4,380 total actions in 2006 (**Table 1**) which is essentially unchanged from 2005. The majority of actions, approximately 91 percent, are related to permitting of regulated activities. Residential development of all types constituted 69 percent of the reported activity purposes and the greatest amount of wetlands alterations. Commercial and industrial actions represented 11 percent of the reported activity purposes while actions by the state of Connecticut were miniscule.

During an extended period of elevated residential construction, the DEP is pleased that the general no-net loss trend for wetlands acreage continued in 2006 with a net gain in wetlands area of 54 acres, as it has since the late 1990s. The department's continued program of comprehensive education for municipal inland wetland commissions with an emphasis on improving the regulatory and permitting process within the wetland agencies, along with the focus on the mitigation of impacts to wetlands and watercourses, will continue to be critical as development in Connecticut impacts our landscape.

Formal enforcement actions totaled 85 or 1.9 percent of the total actions. The DEP believes the small number of enforcements reflects the success of municipal administration of the Inland Wetlands and Watercourses Act (Act) and the support of our citizens for the protection of wetlands and watercourses; not an inappropriate level of enforcement. Many enforcement and compliance issues are managed with informal actions such as phone calls and site visits that result in direct communications with property owners. The majority of persons can come into compliance with the Act as a result of such informal enforcement actions. Also, enforcement actions are often resolved through the permit application process, so some of the permit numbers include such enforcement resolution.

A recently identified trend, in lieu of the Inland Wetland Commission regulatory process, is the increasing number of agent approvals within the Upland Review Areas. Agent approvals were up 22 percent from 2005; part of a long-term tendency towards increasing agent approvals. It appears that more municipal inland wetlands agencies are taking advantage of the administrative convenience, utility, and time savings that the agent approval process provides.

Introduction

There are approximately 510,000 acres of freshwater wetlands and watercourses in Connecticut (Metzler and Tiner, 1992). This acreage comprises approximately 16 percent of the state's surface area. In 1972, recognizing the importance of inland wetlands and watercourses, Connecticut's legislature enacted the *Inland Wetlands and Watercourses Act (Act)*, sections 22a-36 through 45 of the Connecticut General Statutes (CGS). The Act sets forth standards for the protection, preservation, maintenance, and use of inland wetlands and watercourses. Inland wetlands and watercourses ensure an adequate supply of surface and ground waters. They provide for hydrological stability and control of surface and ground waters, and provide habitats for many forms of animal, aquatic and plant life. Activities affecting wetlands and watercourses are regulated by municipal inland wetlands agencies, with the exception of state agency projects, which are regulated by the Department of Environmental Protection's (DEP) Inland Water Resources Division.

Pursuant to CGS section 22a-39(m) of the Inland Wetlands and Watercourses Act, municipal inland wetlands agencies are required to report their actions to the Commissioner of the DEP. This information allows the DEP to formulate strategies to increase the effectiveness of existing programs as well as develop new programs for protecting and restoring the state's inland wetlands and watercourses. The numbers and trends provide insightful baseline information regarding the regulation of wetlands and watercourses across Connecticut. In 2006, for instance, 129 acres of wetlands were created by mitigation activities and 75 acres were altered. State agency permit actions accounted for only 0.1 percent of the total reported for 2006.

Statewide Inland Wetlands and Watercourses Activity Reporting Program

In 1987, the DEP began to implement the statewide reporting program to measure and evaluate actions and activities affecting inland wetlands and watercourses. The 2006 calendar year marked the seventeenth year of standardized reporting of municipal inland wetlands agency actions. Prior to the implementation of the reporting program, there was little information on the extent of inland wetland and watercourse impacts occurring across the state.

The DEP Inland Water Resources Division developed a standardized activity reporting form to provide for systematic and accurate reporting of local agency actions; and to establish useful data on inland wetlands losses, alterations, and management activities. The form and related instruction sheet are shown in **Appendix D**. Actions are reported on a statewide inland wetlands and watercourses activity reporting form and are required to be submitted on a monthly basis no later than the 15th day of each month to the Wetlands Management Section of the DEP's Inland Water Resources Division.

The form has been designed for ease of use. Each of the thirteen items on the form relate to a specific detailed instruction item. The reporting form may be revised as necessary to reflect legislative or other changes. When filling out the statewide activity reporting form, municipalities and state agencies are asked to provide: the town, the name of the

applicant, the USGS Quad map name, subregional drainage basin number, the type of project, the purpose for the project, the area of wetland alteration, the area of open waterbody alteration, the area of stream alteration, the area of wetland creation, upland area altered, the reporting month, the action the agency took on the application, and if a public hearing was held. Stream alterations are reported in linear feet while wetland and open waterbody alterations and creations are reported in acres. All reported activities are classified by codes which identify one or more of 12 activity types (i.e. filling, excavation, and culverting) and relate to one of 15 activity purposes (i.e. residential, commercial, municipal, agriculture).

It is important to note that for each purpose there is one or more associated activity types. For example, wetlands may have been altered for the purpose of a new residential development that required two types of activities, filling as well as excavation.

To manage over 4,000 reports submitted every year, the DEP Wetlands Management Section maintains a Statewide Inland Wetlands and Watercourses Activity Reporting Form database. The information from each reporting form is entered into a Microsoft Access database and compiled to present the data in a useful format. The database is utilized to filter the reported data for errors such as missing data, typographic, and scale errors. Errors are corrected with input from the appropriate municipalities. As a result, the DEP Wetlands Management Section obtains realistic estimates of the total wetland and watercourse alterations each year along with the associated types of projects and activities.

Inland Wetlands Agency Actions

For 2006 the DEP received 4,380 forms including three forms with unreported information. **Table 1** below summarizes each action reported and filed on the Statewide Inland Wetlands and Watercourses Activity Reporting Form. As records may continue to be mailed to the DEP after publication of this document, the reported information reflects reports submitted valid before July 15, 2009.

Permitted Wetland and Watercourse Alterations and Creations

Connecticut's Inland Wetlands and Watercourses Act define "wetlands" and "watercourses" separately. As a result, data on wetland and watercourse impacts are reported separately. In addition, inland wetland agencies are asked to report "open water body alterations" which occurs primarily when a pond or a lake is dredged or filled.

Table 2 below shows the acreage of permitted wetland and open waterbody alterations reported on the Statewide Inland Wetlands and Watercourses Activity form for 2006. Reports on watercourse alterations include the total length of a river, brook, stream, or other watercourse directly altered as a result of an action taken by the agency. Permitted stream alterations are reported in linear feet for the Statewide Inland Wetlands and Watercourses Activity Reporting Form and are shown in **Table 3**.

Table 1: Total Actions Reported for 2006

Actions Reported for 2006¹	Numbers Reported
Permits Issued ¹	2816
Permits Denied	120
Permits extended/amended	111
Map Amendments	85
Enforcement Actions	85
Jurisdictional Rulings ²	126
Agent Approvals	1035
Appeal of Agent Approvals	2
TOTAL	4380

Table 2: Acres of Permitted Wetland and Open Water Body Alterations Reported for 2006

Area Altered	Acres Reported
Wetlands	76
Open Waterbody	32

Table 3: Linear Feet of Permitted Stream Alterations Reported for 2006

Area Altered	Linear Feet
Streams	32,882

¹ Permits issued may include activities permitted in upland review areas (buffers) which may result in no wetland alteration, conversion or loss.

² Jurisdictional rulings may include actions determining that no permit is required or that an activity is exempt. Jurisdictional rulings may result in alteration, conversion or loss of wetlands or watercourses.

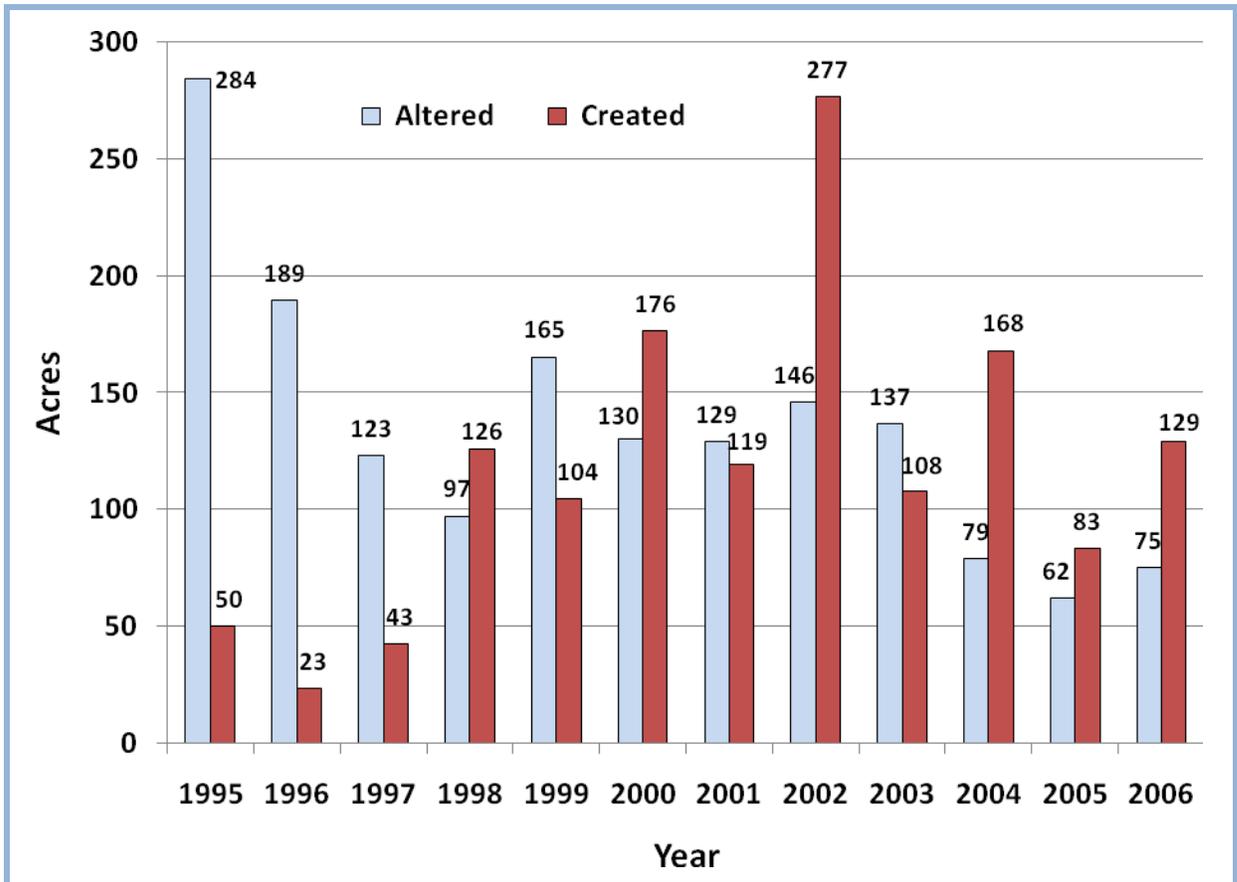


Figure 1: Acres of Permitted Wetlands Alterations and Creation per Year

On occasion, wetlands are created as a component of projects. Such creations may be accomplished as compensation for wetland alterations and/or impacts from development activities. **Figure 1** above shows the acres of permitted wetland alterations and creations reported for the period of 1995 to 2006.

In 2006, there were 75 acres of permitted wetland alterations and 129 acres of permitted wetland creations. By comparison, in 2005, there were 62 acres of permitted wetland alterations and 83 acres of permitted wetland creations.

Permitted Wetland and Watercourse Alteration Activity Types

The reporting form provides activity type codes which best characterize the activity being reported such as drainage improvements. **Appendix A** shows the permitted wetland and watercourse alteration activity types for 2006.

The activity types accounting for the primary wetland and watercourse alterations for 2006 were excavation, filling and roadway/driveway construction. Excavation accounted for 21.6 percent of permitted activity types, filling accounted for 16.3 percent of permitted activity types, and roadway/driveway construction accounted for 12.0 percent of permitted activity types. **Figure 2** below shows the acreage associate with permitted wetland and watercourse alteration activities. Excavation was involved in the alteration

of 42 acres, filling was involved in the alteration of 35 acres, and road/driveway construction was involved in the alteration of 31 acres of the permitted wetlands and watercourses alterations in 2006.

In addition, the permits issued for actions in the upland review area (buffer/setback) and in the uplands beyond the upland review area represent a significant percentage of total activity types -- approximately 36 percent. The acreage totals noted for Regulated Activity in Upland and Regulated Activity in Established Upland Review Area do not reflect wetland and watercourse alterations. Rather, it indicates indirect effects as a result of activities adjacent to wetlands and watercourses.

Permitted Wetland and Watercourse Alteration Activity Purposes

Permitted activities occur for a single purpose, whether it is a commercial development, municipal improvement, or agricultural activity. **Appendix B** shows the permitted wetland and watercourse alteration activity purposes for 2006. The three most common permitted wetland and watercourse alteration activity purposes were residential improvement by a homeowner, new residential development for single family units, and commercial/industrial uses.

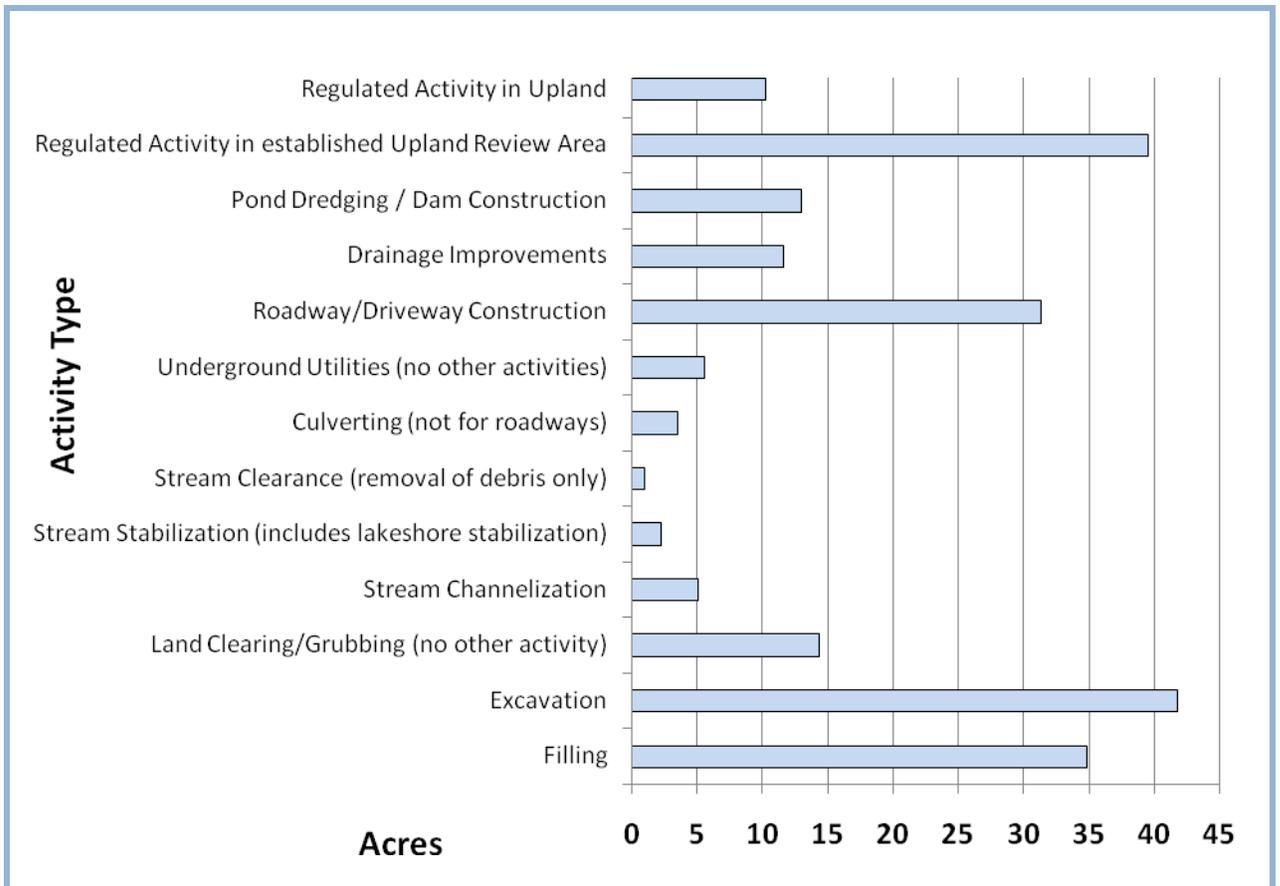


Figure 2: Acres of Wetlands and Watercourses Associated with Permitted Activities Types for 2006

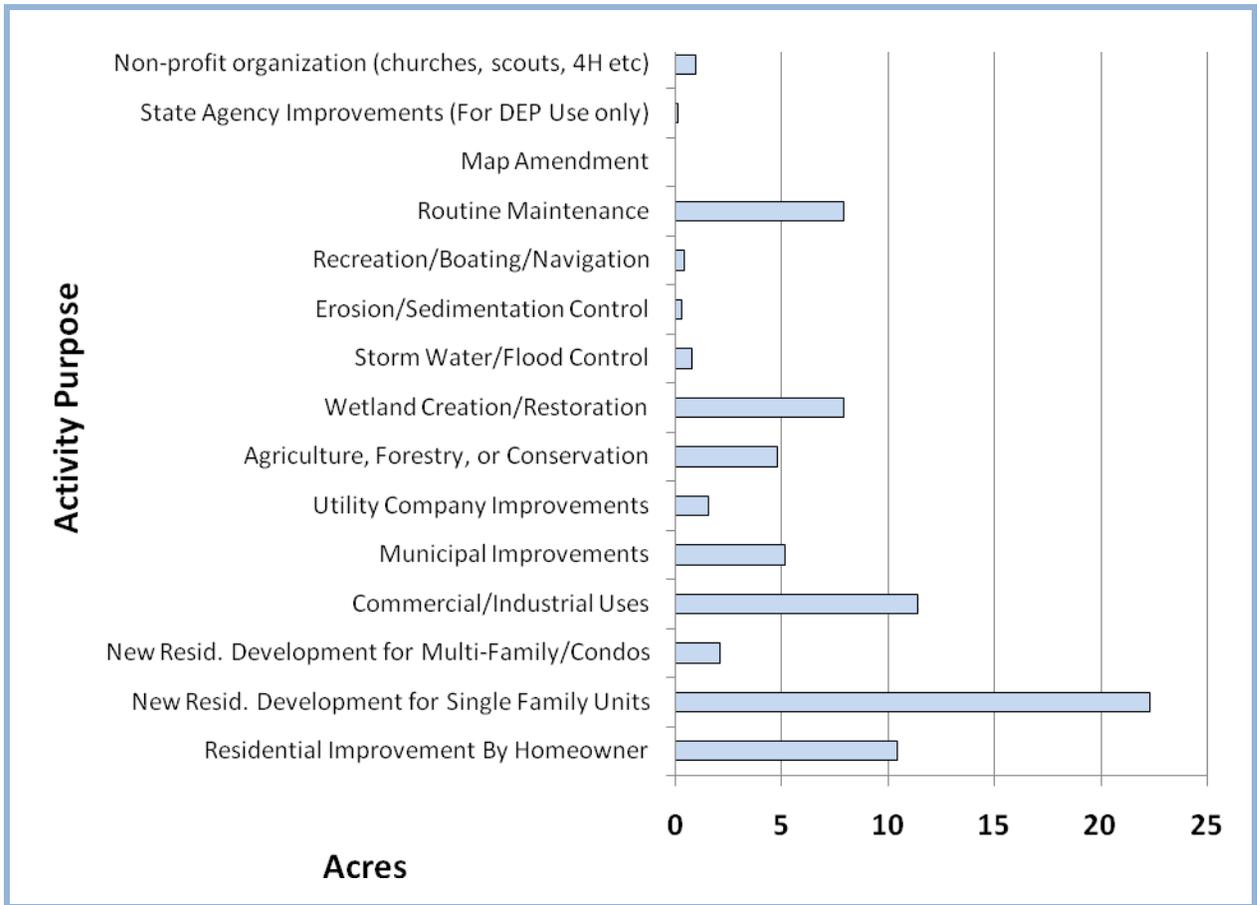


Figure 3: Purposes for Permitted Wetlands and Watercourses Alterations in Acres for 2006

Residential improvement by a homeowner accounted for 37.8 percent, new residential development for single-family units accounted for 28.8 percent, and commercial / industrial uses have accounted for 10.9 percent of all permitted wetland and watercourse alteration activity purposes.

Figure 3 above shows how many wetland acres were altered for each activity purpose in 2006. Agriculture, forestry, or conservation accounted for 2 acres, new residential development for single family units accounted for 15 acres, commercial/industrial uses accounted for 8 acres and residential improvement by a homeowner accounted for 11 acres of wetland alterations in 2006.

Discussion

No Net Losses in Wetland Areas

The data for 2006 indicate that the mitigation of permitted wetland alterations is a continuing trend in Connecticut. **Figure 1** shows that for 2006, 75 acres of wetlands were permitted to be altered while 129 acres were authorized to be restored, enhanced or created. This trend toward no net loss – net gain of wetlands is easily observable from **Figure 4**, especially since 1998. Prior to 1998, the data show that alterations were exceeding creations by as much as 8 to 1. In the nine-year period of 1998 to 2006, total wetlands creations have exceeded total alterations by approximately 270 acres.

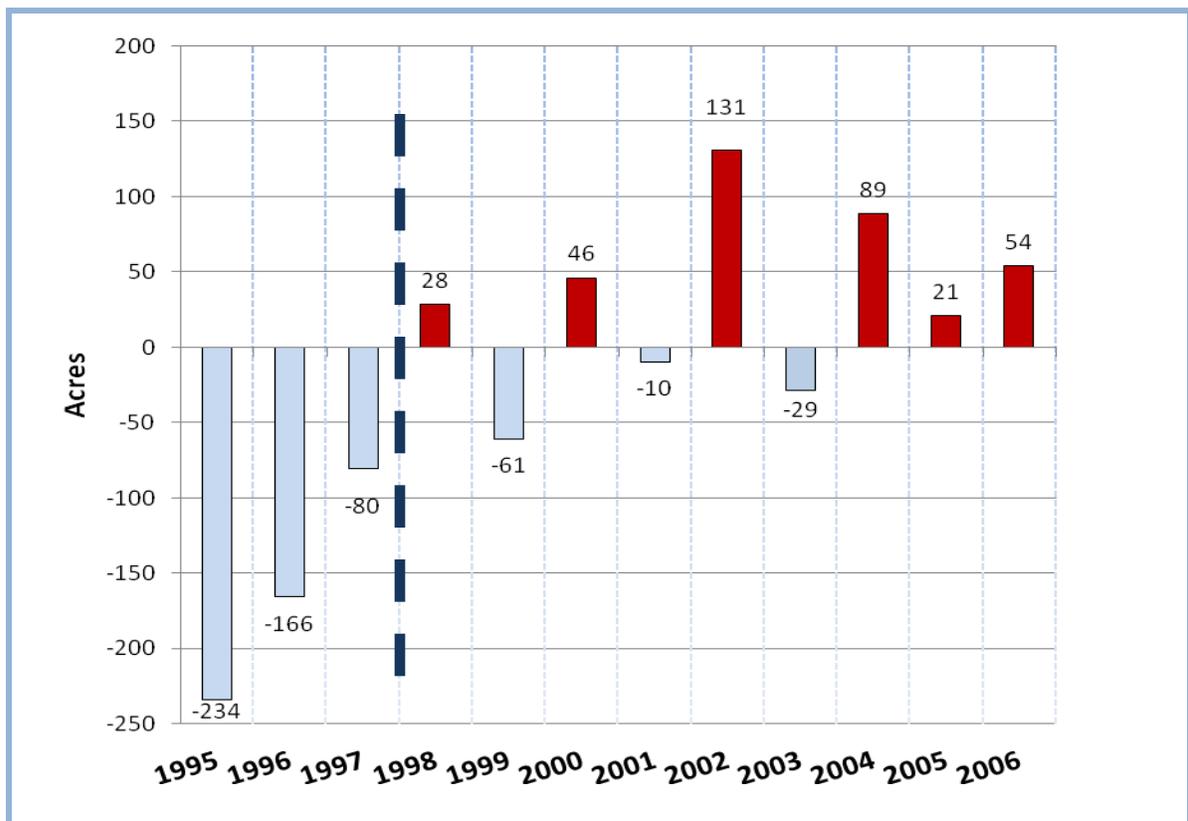


Figure 4: Yearly Net Inland Wetlands Acreage

Figure 4 shows the net gain or loss of wetlands in acres for the period 1995 to 2006. A total of 369 acres were created and 580 acres of altered. However, a substantial trend change has occurred since 1998 (see dashed line in figure 4): for every one-acre altered, 1.26-acres were created in the recent nine-year period. This change suggests that the state has transitioned, beginning in 1998, to no-net losses in the wetlands acreage which concurs with the state policy in the Conservation and Development Plan for 2005-2010 (OPM, 2004). **Figure 5** shows such data as a ratio of wetlands created to wetlands altered. Any ratio value above one is a net gain on a yearly basis.

Key Policy Changes of 1996

What happened in 1998 that turned Connecticut from a state with a net loss of wetlands to a state that is now showing an average net gain? The DEP believes that the foundation of such change began in 1996. In 1996, the Inland Wetlands and Watercourses Act was substantially amended. One such amendment was to section 22a-41(a)(4) of the Act which provided expressed authority to consider mitigation and condition permits to provide for the restoration, enhancement, and creation of wetlands and watercourses. At the same time, the DEP developed a comprehensive training program for inland wetlands commissioners and agents.

Prior to 1996, the DEP provided for ad hoc municipal training. In 1996, a new funding stream from EPA allowed for development of a comprehensive program focused on the statutory authority of municipal inland wetlands agencies. The comprehensive program provided consistent annual opportunities for the DEP to explain the authority for mitigation in the Act as a result of the 1996 amendments.

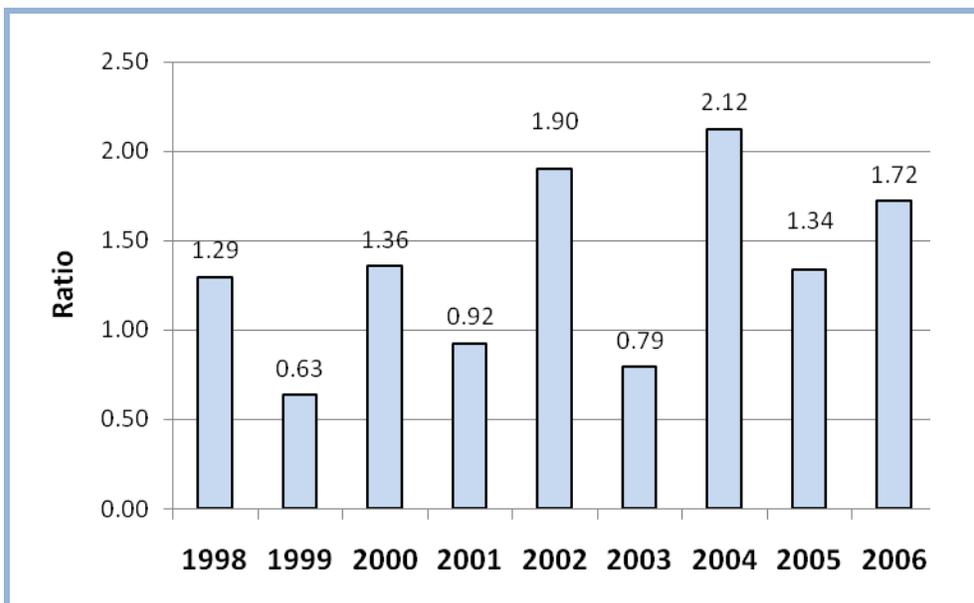


Figure 5: Ratio of Inland Wetlands Creation to Alteration

Further, the DEP revised the Inland Wetlands and Watercourses Model Municipal Regulations to include mitigation as an item in the section of the regulations dealing with application requirements. The majority of municipalities adopted the new model regulations. Regulatory authority reinforced by way of the comprehensive training program has resulted in more municipalities seeking mitigation opportunities through the regulatory process and the data reflect such change.

Upland Review Areas

Another significant trend is the regulation of activities outside of wetlands and watercourses. In 1997, the DEP published the guidance document titled “Guidelines Upland Review Area Regulations Connecticut’s Inland Wetlands & Watercourses Act”.

This document describes the legal basis for the regulation of activities outside of wetlands and watercourses and recommends that municipal inland wetlands agencies regulate activities within 100 feet of inland wetlands and watercourses. The majority of municipal inland wetlands agencies in Connecticut are routinely regulating activities in the upland review area. Many have used the DEP publication as a catalyst to increase their upland review area to 100 feet while some municipal inland wetlands agencies routinely regulate at distances greater than 100 feet.

The data for 2006 show that 36 percent of the activity types reported were located in the upland review area (**Appendix A**). This is a slight increase over the 35 percent reported for 2005. In addition, the number of agent approvals in the Upland Review Area, where many towns allow agents to review de minimis activities such as small residential activities, continues to increase substantially. The 1035 agent approvals in 2006 (**Table 1**) represent an increase of approximately 22 percent over the 851 agent approvals for 2005. **Figure 6** shows the continued growth of this program and it appears that more municipal inland wetlands agencies are taking advantage of the administrative convenience, utility, and time savings that the agent approval process provides.

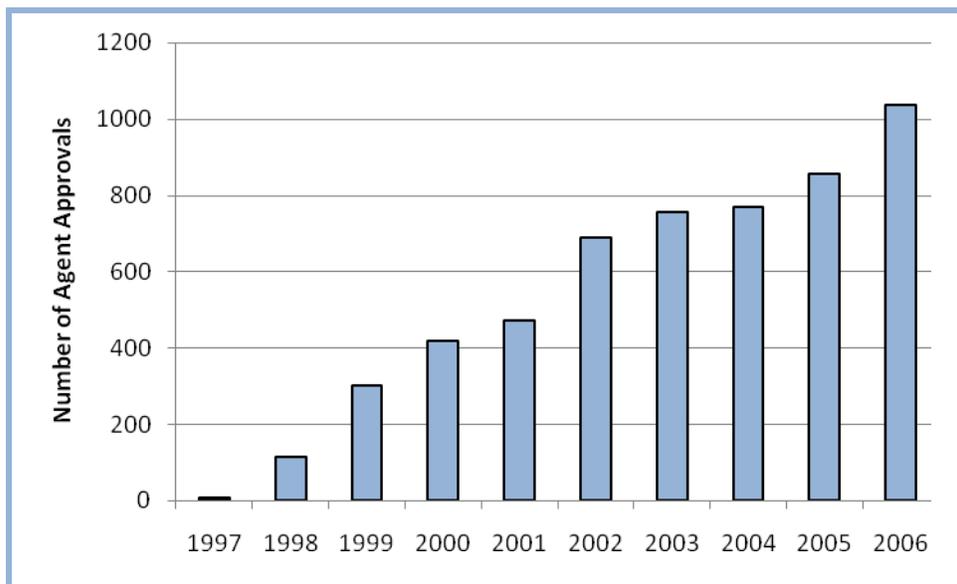


Figure 6: Number of Agent Approvals per Year

Residential Development

According to the Connecticut Department of Economic and Community Development, 9,236 housing starts were permitted by Connecticut's municipalities in 2006 which is a 12 percent decline from 2005 though still historically high. Overall, there was an average of 55 permitted housing starts per municipality. Because of the robust housing market in the mid-2000s, DEP expected residential development to be involved in a large amount of permitted wetlands alterations. The purpose percentage data, see **Appendix B**, reflects this trend with the combined residential development (69 percent) categories ranking far ahead of the commercial/industrial category (11 percent). A large majority of the wetlands alteration acreage is residential as well, see **Figure 3**.

Agriculture, Forestry, and Conservation

Permitted wetlands alterations associated with agriculture, forestry or conservation totaled only three acres in 2005 and five acres in 2006; a significant reduction from the 26 acres reported in 2003. Agriculture, forestry and conservation have typically ranked just behind residential and commercial development in alterations to wetlands.

Despite a long-term growth trend towards small specialty farm operations within Connecticut and elevated timber prices during the mid-2000s, agriculture, forestry and conservation purposes totaled only 2.6 percent of the total of activity purposes in 2006, see **Appendix B**. This continues a recent multi-year trend where agriculture, forestry, and conservation purposes are occurring less often than in the early part of the decade.

Non-Reporting Towns

While a significant majority of towns have complied with the current reporting requirement, there is a need for the DEP to assure complete reporting of wetland actions and to comprehensively assess state-wide wetland losses. To address this issue, the DEP notified the non-reporting towns of the reporting requirements and establishes a date by which all 2006 actions must be reported. After such notice, only 25 towns remained that had not reported any 2006 actions, see **Appendix C**. Towns which failed to report their activities may be subject to revocation of authority to regulate inland wetlands and watercourses pursuant to section 22a-42d-1 of the Regulations of Connecticut State Agencies. Late-filed forms are processed by the DEP upon receipt.

For More Information

To obtain information regarding the Connecticut Inland Wetlands Management Program contact the DEP:

- ✓ Call **(860) 424-3019** for assistance
- ✓ Write to :
CT DEP-Inland Water Resources Division, Wetlands Management
Section
79 Elm Street
Hartford, CT 06106
- ✓ Go online to the Inland Wetlands website at <http://www.ct.gov/inlandwetlands>

References Used

Metzler, K. and Tiner, R. 1992. *Wetlands of Connecticut*. State Geological and Natural History Survey of Connecticut. Hartford, CT.

Office of Policy and Management, Intergovernmental Policy Division, State of Connecticut. 2004. *Conservation and Development Policies Plan for Connecticut: 2005-2010*. State of Connecticut. Hartford, CT.

Appendix A

Permitted Wetland and Watercourse Alteration Activity Types Reported for 2006

Activity Type	Number	Percent
Filling	1128	16.3
Excavation	1499	21.6
Land Clearing/Grubbing	216	3.1
Stream Channelization	29	0.4
Stream Stabilization	68	1.0
Stream Clearance	38	0.5
Culverting	59	0.9
Underground Utilities	111	1.6
Roadway/Driveway Construction	833	12.0
Drainage Improvements	363	5.2
Pond Dredging/Dam Construction	118	1.7
Regulated Activity in established Upland Review Area	1805	26.1
Regulated Activity in Upland	660	9.5
TOTAL	6927	100

Appendix B

Permitted Wetland and Watercourse Alteration Activity Purposes Reported for 2006

Activity Purpose	Number	Percent
Residential Improvement by Homeowner	1062	37.8
New Residential Development for Single Family Units	810	28.8
New Residential Development for Multi-Family/Condos	67	2.4
Commercial/Industrial Uses	306	10.9
Municipal Improvements	126	4.5
Utility Company Improvements	22	0.8
Agriculture, Forestry, or Conservation	72	2.6
Wetland Creation/Restoration	58	2.1
Storm Water/Flood Control	39	1.4
Erosion/Sedimentation Control	44	1.6
Recreation/Boating/Navigation	63	2.2
Routine Maintenance	61	2.2
Map Amendment	9	0.3
State Agency Projects	2	0.1
Non-profit organization	71	2.5
TOTAL	2812	100

Appendix C

Non-reporting Towns in 2006¹

Count	Town
1	Andover
2	Ansonia
3	Ashford
4	Beacon Falls
5	Berlin
6	Brooklyn
7	Franklin
8	Killingsworth
9	Marlborough
10	Meriden
11	Middlefield
12	New Britain
13	North Branford
14	North Canaan
15	Plainville
16	Preston
17	Salisbury
18	Scotland
19	Shelton
20	Sprague
21	Stratford
22	Wallingford
23	Watertown
24	Westbrook
25	Winchester

¹ List is valid as of October 9, 2009.

**STATEWIDE INLAND WETLANDS & WATERCOURSES
ACTIVITY REPORTING FORM**

Pursuant to section 22a-39(m) of the General Statutes of Connecticut and section 22a-39-14 of the Regulations of Connecticut State Agencies, inland wetlands agencies must complete the Statewide Inland Wetlands & Watercourses Activity Reporting Form for each action taken by such agency.

This form may be made part of a municipality's inland wetlands application package. If the municipality chooses to do this, it is recommended that a copy of the Town and Quadrangle Index of Connecticut and a copy of the municipality's subregional drainage basin map be included in the package as well.

Please remember, the inland wetlands agency is responsible for ensuring that the information provided is accurate and that it reflects the final action of the agency. Incomplete or incomprehensible forms will be mailed back to the agency. Instructions for completing the form are located on the following page.

The inland wetlands agency shall mail completed forms for actions taken during a calendar month no later than the 15th day of the following month to the Department of Environmental Protection (DEP). Do not mail this cover page or the instruction page.

Please detach and mail only the completed yellow reporting form to:

Wetlands Management Section
Inland Water Resources Division
Department of Environmental Protection
79 Elm Street 3rd Floor
Hartford, CT 06106

Questions may be directed to the DEP's Wetlands Management Section at (860) 424-3019.



STATE OF CONNECTICUT
 DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
 Inland Water Resources Division
 79 Elm Street, 3rd Floor
 Hartford, CT 06106-5127
 www.ct.gov/dep

GIS CODE #: _____
 For DEP Use Only

Statewide Inland Wetlands & Watercourses Activity Reporting Form

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

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

1. DATE ACTION WAS TAKEN: Year _____ Month _____
2. ACTION TAKEN (circle one): A B C D E F G H
3. WAS A PUBLIC HEARING HELD? Yes _____ No _____
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
 (print) _____ (signature) _____

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

5. TOWN IN WHICH THE ACTION IS OCCURRING: _____
 Does this project cross municipal boundaries? Yes _____ No _____
 If Yes, list the other town(s) in which the action is occurring: _____
6. LOCATION: USGS Quad Map Name: _____ **AND** Quad Number: _____
 Subregional Drainage Basin Number: _____
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER: _____
8. NAME & ADDRESS/LOCATION OF PROJECT SITE: _____
 Briefly describe the action/project/activity: _____
9. ACTIVITY *PURPOSE* CODE: _____
10. ACTIVITY *TYPE* CODE(S): _____, _____, _____, _____
11. WETLAND / WATERCOURSE AREA ALTERED [must be provided in acres or linear feet as indicated]:
 Wetlands: _____ acres Open Water Body: _____ acres Stream: _____ linear feet
12. UPLAND AREA ALTERED [must be provided in acres as indicated]: _____ acres
13. AREA OF WETLANDS AND / OR WATERCOURSES RESTORED, ENHANCED OR CREATED: _____ acres
 [must be provided in acres as indicated]

DATE RECEIVED:

PART III: To Be Completed By The DEP

DATE RETURNED TO DEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

INSTRUCTIONS FOR COMPLETING THE STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Use a separate form to report each action taken by the Agency. Complete the form as described below.

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

1. Enter the year and month the Inland Wetlands Agency took the action being reported.
2. Circle ONE code letter to describe the final action or decision taken by the Inland Wetlands Agency. *Do not submit a reporting form for withdrawn applications.* Do not enter multiple code letters (for example: if an enforcement notice was given and subsequent permit issued - two forms for the two separate actions are to be completed).
 - A** = A Permit Granted by the Inland Wetlands Agency (*not including map amendments, see code D below*)
 - B** = Any Permit Denied by the Inland Wetlands Agency
 - C** = A Permit Renewed or Amended by the Inland Wetlands Agency
 - D** = A Map Amendment to the Official Town Wetlands Map - or -
An Approved/Permitted Wetland or Watercourse Boundary Amendment to a Project Site Map
 - E** = An Enforcement Notice of Violation, Order, Court Injunction, or Court Fines
 - F** = A Jurisdictional Ruling by the Inland Wetlands Agency (i.e.: activities "permitted as of right" or activities considered non-regulated)
 - G** = An Agent Approval pursuant to CGS 22a-42a(c)(2)
 - H** = An Appeal of Agent Approval Pursuant to 22a-42a(c)(2)
3. Check "Yes" if a public hearing was held in regards to the action taken; otherwise check "No".
4. Enter the name of the Inland Wetlands Agency official verifying that the information provided on this form is accurate and that it reflects the FINAL action of the agency.

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant - If Part II is completed by the applicant, the applicant must return the form to the Inland Wetlands Agency. The Inland Wetlands Agency must ensure that the information provided is accurate and that it reflects the FINAL action of the Agency.

5. Enter the name of the municipality for which the Inland Wetlands Agency has jurisdiction and in which the action/project/activity is occurring.

Check "Yes" if the action/project/activity crosses municipal boundaries and enter the name(s) of the other municipality(ies) where indicated. Check "No" if it does not cross municipal boundaries.

6. Enter the USGS Quad Map name and number (1 through 115) as found on the Connecticut Town and Quadrangle Index Map (the directory to all USGS Quad Maps) that contains the location of the action/project/activity. See reverse side of the reporting form for the Connecticut Town and Quadrangle Index Map or at:
http://ct.gov/dep/lib/dep/gis/resources/Index_NamedQuadTown.pdf

ALSO enter the four-digit identification number of the corresponding Subregional Drainage Basin in which the action/project/activity is located. If the action/project/activity is located in more than one subregional drainage basin, enter the number of the basin in which the majority of the action/project/activity is located. A town subregional drainage basin map has been mailed to all Municipal Inland Wetlands Agencies. Further, town web-based subregional drainage basin maps can be found at UCONN – CLEAR: http://clear.uconn.edu/map_set.htm

7. Enter the name of the individual applying for, petitioning, or receiving the action.
8. Enter the name and address or location of the action/project/activity site. Also provide a brief description of the action/project/activity. Include in the description if the action/project/activity is TEMPORARY or PERMANENT in nature.

9. **CAREFULLY REVIEW** the list below and enter ONE code letter which best characterizes the action/project/activity. All state agency projects must code "N".
- | | |
|--|--|
| A = Residential Improvement by Homeowner | I = Storm Water / Flood Control |
| B = New Residential Development for Single Family Units | J = Erosion / Sedimentation Control |
| C = New Residential Development for Multi-Family / Condos | K = Recreation / Boating / Navigation |
| D = Commercial / Industrial Uses | L = Routine Maintenance |
| E = Municipal Project | M = Map Amendment |
| F = Utility Company Project | N = State Agency Project |
| G = Agriculture, Forestry or Conservation | P = Other (this code includes the approval of concept plans with no-on-the-ground work) |
| H = Wetland Restoration, Enhancement, Creation | |

10. Enter between one and four codes to best characterize the project or activity being reported. Enter "NA" if this form is being completed for the action of map amendment. You must provide code 12 if the activity is located in an established upland review area (buffer, setback). You must provide code 14 if the activity is located BEYOND the established upland review area (buffer, setback) or NO established upland review area (buffer, setback) exists.
- | | |
|--|---|
| 1 = Filling | 8 = Underground Utilities (no other activities) |
| 2 = Excavation | 9 = Roadway / Driveway Construction |
| 3 = Land Clearing / Grubbing (no other activity) | 10 = Drainage Improvements |
| 4 = Stream Channelization | 11 = Pond, Lake Dredging / Dam Construction |
| 5 = Stream Stabilization (includes lakeshore stabilization) | 12 = Activity in an Established Upland Review Area |
| 6 = Stream Clearance (removal of debris only) | 14 = Activity in Upland |
| 7 = Culverting (not for roadways) | |

Examples: Jurisdictional ruling allowing construction of a parking lot in an upland where the municipality *does not* have an established upland review area must use code 14, other possible codes are 2 and 10. Permitted construction of a free standing garage (residential improvement by homeowner) partially in an established upland review area with the remainder in the upland must use code 12 and 14, other possible codes are 1 and 2. Permitted dredging of a pond must use code 11, other possible codes are 12 and 5.

11. Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form (description). For PERMANENT alterations, enter in acres the area of wetland soils or watercourses altered. Include areas that are permanently altered, or are proposed to be, for all agency permits, denials, amendments, and enforcement actions. For those activities that involve filling or dredging of lakes, ponds or similar open water bodies enter the acres filled or dredged under "open water body". For those activities that involve directly altering a linear reach of a brook, river, lakeshore or similar linear watercourse, enter the total linear feet altered under "stream". Remember that these figures represent only the acreage altered not the total acreage of wetlands or watercourses on the site. You MUST provide all information in ACRES (or linear feet as indicated) including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. Enter zero if there is no alteration.
12. Enter in acres the area of upland altered as a result of an ACTIVITY REGULATED BY the inland wetlands agency, or as a result of an AGENT APPROVAL pursuant to 22a-42a(c)(2). Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form (description). Include areas that are permanently altered, or proposed to be permanently altered, for all agency permits, denials, amendments, and enforcement actions. Inland wetlands agencies may have established an upland review area (also known as a buffer or setback) in which activities are regulated. Agencies may also regulate activities beyond these established areas. You MUST provide all information in ACRES including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. Enter zero if there is no alteration. Remember that these figures represent only the upland acreage altered as a result of an activity regulated by the inland wetlands agency, or as a result of an agent approval.
13. Enter the acres that are, or are proposed to be, restored, enhanced or created for all agency permits, denials, amendments, and enforcement actions. NOTE restored or enhanced applies to previously existing wetlands or watercourses. Created applies to a non-wetland or non-watercourse area which is converted into wetlands or watercourses (question #10 must provide 12 and/or 14 as an answer, and question #12 must also be answered). You MUST provide all information in ACRES including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. Enter zero if there is no restoration, enhancement or creation.

PART III: To Be Completed By The DEP - Please leave this area blank. Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.