

## WPA Form 4 – Abbreviated Notice of Intent

Massachusetts Wetlands Protection Act (M.G.L. Chapter 131, Section 40)

# Instructions for Completing Application WPA Form 4 – Abbreviated Notice of Intent

*Please read these instructions before completing the Abbreviated Notice of Intent application form (WPA Form 4) for more information on certain items that are not self-explanatory.*

### Introduction

The Abbreviated Notice of Intent (WPA Form 4) simplifies filing requirements for projects which are likely to result in limited impacts to wetland resource areas. The form may be used when:

- the proposed work is within the Buffer Zone as defined in 310 CMR 10.04 (if the filing of a Notice of Intent is required) or within Land Subject to Flooding, as defined in 310 CMR 10.57(2), or within the Riverfront Area, as defined in 310 CMR 10.58; and
- the proposed work will disturb less than 1,000 square feet of surface area within the Buffer Zone and/or Land Subject to Flooding or less than 1,000 square feet of Riverfront Area, provided the work conforms to the requirements of 310 CMR 10.58(4)(c)2.a. pertaining to analysis of alternatives; and
- neither a Department of Army permit nor a Chapter 91 Waterways license from the Department is required.

### Background

To protect the Commonwealth's wetland resources, the Massachusetts Wetlands Protection Act (General Law c. 131, §40) prohibits the removal, dredging, filling, or altering of wetlands without a permit. To obtain a permit (called an Order of Conditions), a project proponent must submit an application to the Conservation Commission and the Department of Environmental Protection. The Abbreviated Notice of Intent application provides the Conservation Commission and the Department with a complete and accurate description of the:

- site, including the type and boundaries of resource areas under the Wetlands Protection Act, and
- proposed work, including all measures and designs proposed to meet the performance standards described in the Wetlands Protection Act regulations, 310 Code of Massachusetts Regulations (CMR) 10.00, for each applicable resource area.

The applicant is responsible for providing the information required for the review of this application to the issuing authority (Conservation Commission or the Department of Environmental Protection). The submittal of a complete and accurate description of the site and project will minimize requests for additional information by the issuing authority which may result in an unnecessary delay in the issuance of an Order of Conditions.

To complete this form, the applicant should refer to the wetlands regulations (310 CMR 10.00) which can be obtained from the Department's web site at

<http://www.mass.gov/eea/agencies/massdep/water/regulations/310-cmr-10-00-wetlands-protection-act-regulations.html>. Regulations are available for viewing at public libraries and county law libraries across the state, as well as at the Department's Regional Service Centers (see Attachment A for locations). Regulations also are available for sale from the State House Bookstore (617.727.2834) and State House Bookstore West (413.784.1378).

### Requirements for Professional Services

The issuing authority may require that supporting plans and calculations be prepared and stamped by a registered professional engineer (PE) when, in its judgment, the complexity of the proposed work warrants this professional certification. Examples of information likely to require certification by a PE include:

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hydraulic and hydrologic calculations; critical elevations and inverts; and drawings for water control structures such as head walls, dams, and retention areas.

The issuing authority also may require that supporting materials be prepared by other professionals including, but not limited to, a registered architect, registered landscape architect, registered land surveyor, registered sanitarian biologist, environmental scientist, geologist, or hydrologist when the complexity of the proposed work warrants specialized expertise.

### Completing Form 4

Leave the box entitled "DEP File Number" blank. The DEP File Number for this project will be issued to the Conservation Commission. Once issued, all subsequent correspondence on the project should reference the DEP File Number.

#### Section A: General Information

**Item 5. Project Location.** Include a street address (if one exists) and, if known, the Assessors map or plat number, the parcel number, and the lot number. The map or plat, parcel, and lot numbers must be included if the lot subject to the Abbreviated Notice of Intent does not contain a residence, school, or commercial or industrial establishment, or if the lot is being subdivided.

**Item 6. General Project Description.** The applicant should provide a brief description of the project. Describe, and show on accompanying maps and plans, both existing and proposed site conditions, including temporary construction impacts, replication areas, and/or mitigation measures. Attach maps, plans, and other documents identifying proposed activities and their location relative to the boundaries of each wetland resource area and Buffer Zone. For projects in the Riverfront Area, the project purpose should be described in Section B, Item 3g.

#### Section B: Site and Activities Subject to Regulation

To determine the size and location of any impacts which a proposed project may have on each wetland resource area, first determine the resource area boundaries (even if the project is entirely in the Buffer Zone). The wetland regulations describe the type and extent of work that may be permitted in resource areas, called performance standards. Proposed work must meet these standards. This section of the application requires information about the resource areas on the site and how the proposed project meets the performance standards for the specific resource area involved.

**Item 1a. Buffer Zone.** The boundary of the Buffer Zone is determined by measuring 100 feet horizontally from those areas specified under Section B, Item 1a. Buffer Zone may border two inland resource areas: Bank and Bordering Vegetated Wetland (BVW), the boundaries of which can be determined by reference to the wetland regulations, subsection (2), "Definitions, Critical Characteristics, and Boundaries" under 310 CMR 10.54 and 10.55, respectively. The boundaries of coastal resource areas that have Buffer Zones can be determined by reference to 310 CMR 10.27 – 10.32, and to the definitions found in 310 CMR 10.04 and 10.23.

**Item 1b. Method to Determine BVW Boundary.** If the Conservation Commission or the Department has issued a Final Order of Resource Area Delineation that confirms the BVW boundary delineation, submit the Order with the Abbreviated Notice of Intent. Otherwise, use one of the methods indicated in Item 1b to determine the boundaries of BVW. On the form, check all the methods that are used to determine the boundary. These methods are discussed in the wetland regulations at 310 CMR 10.55(2)(c). When undertaking BVW delineations, whether by vegetation alone or by vegetation and other indicators of wetland hydrology, applicants are encouraged to use the Department's BVW Handbook: *Delineating Bordering Vegetated Wetlands Under the Massachusetts Wetlands Protection Act* (1995). This document is available for purchase from the State House Bookstore (617.727.2834) and State House Bookstore West (413.784.1378). The Department encourages applicants to complete the BVW Field Data Form contained in the handbook and submit it with the Abbreviated Notice of Resource Area Delineation. If

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detailed vegetative assessments are not required for a particular site, the reasons should be noted on the Field Data Form.

**Item 2. Land Subject to Flooding.** The boundaries of Inland Land Subject to Flooding are explained in 310 CMR 10.57(2). Performance standards for work in this resource area are found at 310 CMR 10.57(4).

**Item 3. Riverfront Area.** The boundaries of the Riverfront Area can be determined by reference to 310 CMR 10.58(2). The width of the Riverfront Area (Item 3b) is described in Section 10.58(2)(a)3 of the wetland regulations and the methods for determining the Mean Annual High-Water Line (Item 3c), which is the inner boundary of this resource area, are found in Sections 10.58(2)(a)2, and 10.58(2)(c). The project purposes for Riverfront Area projects (Item 3g) are explained in 310 CMR 10.58(4)(c)1 and 2. Performance standards (Item 3i) are found at 310 CMR 10.58(4), including standards for consideration of alternative project design or location.

**Item 4. Stormwater Management.** According to DEP's Stormwater Policy (revised March 1997), certain projects require stormwater management measures. To determine if a project requires stormwater management, consult the policy which is included in the Department publications: *Stormwater Management Volume One: Stormwater Policy Handbook* (March 1997) and *Stormwater Management Volume Two: Stormwater Technical Handbook* (March 1997). These documents are available for purchase from the State House Bookstore (617.727.2834) and State House Bookstore West (413.784.1378) and also may be obtained from DEP's web site at <http://www.mass.gov/eea/agencies/massdep/water/regulations/massachusetts-stormwater-handbook.html>.

If stormwater management is required, applicants are encouraged to complete the Stormwater Management Form and submit it with the Abbreviated Notice of Intent to provide stormwater management information for Conservation Commission review consistent with the wetland regulations, 310 CMR 10.05(6)(b). The Department encourages engineers to use the form to certify that the project conforms with the Stormwater Policy and meets acceptable engineering standards.

#### **Item 5. Sites Subject to Special Protection**

**5a. Rare Wetland Wildlife Habitat.** Except for Designated Port Areas, no work may be permitted in any resource area subject to the Act which would have adverse effects on the habitat of rare, "state-listed" vertebrate or invertebrate animal species. The applicant must contact the Conservation Commission to see if the proposed work (including work in the Buffer Zone) is within estimated habitat as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife (if any) published by the Natural Heritage and Endangered Species Program. If the proposed work is located within such an area, the applicant must send the Natural Heritage Program (Natural Heritage and Endangered Species Program, Division of Fisheries and Wildlife, 1 Rabbit Hill Road, West Boylston, MA, 01581-3336 - 508.792.7270) a copy of the Abbreviated Notice of Intent by certified mail or priority mail (or otherwise sent in a manner that guarantees delivery within two days), no later than the date of the filing of the Abbreviated Notice of Intent with the Conservation Commission and the Department. Evidence of mailing to the Natural Heritage Program (such as Certified Mail Receipt or Certificate of Mailing for Priority Mail) must be submitted to the Conservation Commission and the Department's Regional Office along with the Abbreviated Notice of Intent.

**5b. Areas of Critical Environmental Concern.** If the project is proposed in one of the communities listed on the Department's web site: <http://www.mass.gov/eea/agencies/massdep/water/approvals/wetlands-and-waterways-forms.html#6>, the project may be located in an Area of Critical Environmental Concern (ACEC). To confirm whether the project location is in an ACEC, contact the Conservation Commission or the MA Department of Conservation & Recreation (formerly the Department of Environmental Management) ACEC Program at:

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251 Causeway St., Suite 600  
Boston, MA 02114  
617.626.1394

The ACEC Program also may be contacted for additional information or to verify new ACEC designations.

**5c. Restriction Orders.** If any portion of the proposed project is located on a site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131 § 40A) or Coastal Wetlands Restriction Act (M.G.L. c. 130 § 105), attach a copy of the order to the Abbreviated Notice of Intent. To determine if a Wetlands Restriction Order exists for the site, contact the Conservation Commission or the Department's Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html>).

**Item 6. Exemptions.** Exemptions are allowed under the Wetlands Protection Act for certain mosquito control, commercial cranberry bogs, agricultural, and aquacultural projects and for projects authorized by Special Act prior to 1/1/73. These exemptions are defined, in part, in 310 CMR 10.03(6) and in the definitions of agriculture and aquaculture in 310 CMR 10.04. In addition, there are exemptions for certain stormwater management projects (310 CMR 10.02(3)); specific minor activities in Buffer Zone (310 CMR 10.02(2)(b)); and certain other projects in the Riverfront Area (310 CMR 10.58(6)(b)).

### Section C: Additional Information

All listed information must be provided along with the Abbreviated Notice of Intent.

**Plans** should be of adequate size, scale, and detail to completely and accurately describe the site, resource area boundaries, and proposed work. The following guidelines are provided to encourage uniformity:

#### Sheet Size

- Maximum 24" x 36"
- If more than one sheet is required to describe the proposed work, provide an additional sheet indexing all other sheets and showing a generalized composite of all work proposed within the Buffer Zone and areas subject to protection under the Act

#### Scale

- Not more than 1" = 50'
- If plans are displayed, include graphical scales

#### Title Block

- Included on all plans
- Located at the lower right hand corner, oriented to be read from the bottom when bound at the left margin
- Include original date plus additional space to reference the title and dates of revised plans

### Section D: Fees

The wetland filing fee should be calculated using the following steps. The examples listed for each step are based on a project that involves two driveway crossings through a Riverfront Area and Bordering Vegetated Wetland and six single family houses in Riverfront Area only.

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**Step 1/Type of Activity:** Review plans and narrative to identify each activity in wetland resource areas and their applicable Buffer Zones. Example: driveway crossing and construction of a single family house.

**Step 2/Number of Activities:** Determine the number of each activity associated with the project. Example: driveway crossings and 6 single family homes.

**Step 3/Individual Activity Fee:** List the fee amount for each category of activity (see Category Activities and Fee, below) Example: Driveway crossing is a Category 2(f.) activity and is \$500 each. Construction of a single family house is a Category 2(a.) activity and is \$500 each.

**Step 4/Subtotal Activity Fee:** Determine the subtotal fee for each type of activity by multiplying the fee for the activity (Step 3) by the number of activities (Step 2). If the activity is within the Riverfront Area as well as another resource area or its Buffer Zone, add 50% to total fee (e.g., multiply the fee by 1.5). If the activity is located in a Riverfront Area only, apply the fee amount for the category without the additional 50%. Example: 2 (driveway crossings in BVW) x \$500 x 1.5 (for riverfront area) = \$1,500; 6 (single family homes) x \$500 = \$3,000.

**Step 5/Total Project Fee:** Add all the subtotals identified in Step 4 to determine the total fee. Example: \$1,500 + \$3,000 = \$4,500.

**Step 6/Fee Payments:** The state share of the fee is 50% of any filing fee in excess of \$25 (i.e., the state share can be determined by dividing the total fee in half and subtracting \$12.50); the remaining portion of the fee shall be made to the city or town (i.e., the City/Town share can be determined by dividing the total fee in half and adding \$12.50). Example: City/Town share: \$2,262.50; state share: \$2,237.50.

### Category Activities and Fees

**Category 1 (Fee for each activity is \$110):**

- a.) work on single family lot; addition, pool, etc.;
- b.) site work without a house;
- c.) control vegetation;
- d.) resource improvement;
- e.) work on septic system separate from house;
- f.) monitoring well activities minus roadway;
- g.) new agricultural or aquaculture projects.

**Category 2 (Fee for each activity is \$500)**

- a.) construction of single family house;
- b.) parking lot;
- c.) beach nourishment;
- d.) electric generating facility activities;
- e.) inland limited projects minus road crossings and agriculture;
- f.) each crossing for driveway to single family house;
- g.) each project source (storm drain) discharge;
- h.) control vegetation in development;
- i.) water level variations;
- j.) any other activity not in Category 1, 3, 4, 5 or 6;
- k.) water supply exploration.

**Category 3 (Fee for each activity is \$1,050)**

- a.) site preparation (for development) beyond Notice of Intent scope;
- b.) each building (for development) including site;
- c.) road construction not crossing or driveway;

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- d.) hazardous cleanup;
- e.) water supply development.

**Category 4** (Fee for each activity is **\$1,450**):

- a.) each crossing for development or commercial road;
- b.) dam, sluiceway, tidegate (safety) work;
- c.) landfills operation/closures;
- d.) sand and gravel operations;
- e.) railroad line construction;
- f.) bridge;
- g.) hazardous waste alterations to resource areas;
- h.) dredging;
- i.) package treatment plant and discharge;
- j.) airport tree clearing;
- k.) oil and/or hazardous material release response actions.

**Category 5** (Fee is **\$4 per linear foot**; total fee not less than \$100 or more than \$2,000):

- a.) work on docks, piers, revetments, dikes, etc. (coastal or inland).

**Category 6** (Fee is **\$2 per linear foot**; but not to exceed \$200 for activities associated with a single family house or \$2,000 for all other activities)

- a.) boundary delineations for Bordering Vegetated Wetlands.

### Examples of How to Calculate Wetland Filing Fees

**Example 1:** New single family house with associated work located within Riverfront Area (RA) only:

There is one Category 2 activity (2.a., single family home construction and associated work).

Fee for home and associated work (RA):	= \$500
Total Fee:	\$500
Fee due City/Town:	\$262.50 (\$500/2 + \$12.50)
Fee due State:	\$237.50 (\$500/2 - \$12.50)

**Example 2:** Construction of 10 single family homes within a subdivision, eight of the homes are within a Riverfront Area (RA), and a portion of each of the two remaining homes are within Bordering Vegetated Wetland (BVW) and RA. There will be 4 stormwater discharges located within BVW's Buffer Zone. There also is one limited project access roadway reviewable under 310 CMR 10.53(3)(e) located in BVW and RA.

There are ten Category 2 projects (2(a.), 10 homes each involving work in a wetland resource area) and one Category 4 project 4(a.), limited project for access to residential subdivision). The fee for review of the stormwater discharges is included in Category 2(a.).

Fee for single family homes:

8 in RA (\$500 for each of the 8 homes)	= \$4,000
2 in BVW: \$1,000 x 1.5 (RA)	= \$1,500
Fee for limited project access: \$1,450 (BVW) x 1.5 (RA)	= \$2,175
Total Fee:	\$7,675
Fee due City/Town:	\$3,850 (\$7,675/2 + 12.50)
Fee due State:	\$3,825 (\$7,675/2 - \$12.50)

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**Example 3:** Construction of a parking lot and three storm drain outlets within Bordering Land Subject to Flooding (BLSF), and within the Riverfront Area (RA). A septic system will be constructed within a Buffer Zone of a BVW that is also within RA.

There is one Category 1 activity (i.e. septic system in Buffer Zone) and four category 2 activities (2.b. parking lot and (2.g., three storm drain outlets):

Fee for parking lot: \$500 (BLSF) x 1.5 (RA)	\$ 750
Fee for storm drain: \$1,500 (3 storm drains in BLSF) x 1.5 (RA)	= \$2,250
Fee for septic system: \$110 (Buffer Zone) x 1.5 (RA)	= \$ 165
Total Fee:	\$3,165
Fee due City/Town:	\$1,595 (\$3,165/2 + \$12.50)
Fee due State:	\$1,570 (\$3,165/2 - \$12.50)

**Mail transmittal forms and DEP payments, payable to:**

Commonwealth of Massachusetts  
Department of Environmental Protection  
Box 4062  
Boston, MA 02211

### Section E: Signatures and Submittal Requirements

**Submittal Requirements.** Follow the filing instructions on the form. The Abbreviated Notice of Intent must be sent to the appropriate DEP Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html>). For additional filing requirements, see instructions to Section B, Item 5: Sites Subject to Special Protection. The original and copies must be sent simultaneously. Failure by the applicant to send the copies in a timely manner may result in dismissal of the Abbreviated Notice of Intent.

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY

REPORT OF THE COMMITTEE ON THE  
PROGRESS OF THE WORK OF THE  
DEPARTMENT OF CHEMISTRY  
FOR THE YEAR 1954

NAME	DEGREE	DEPARTMENT	ADVISOR
ALAN B. FRENKEL	PH.D.	CHEMISTRY	ROBERT M. MILNER
JOHN H. HARRIS	PH.D.	CHEMISTRY	ROBERT M. MILNER
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THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY  
CHICAGO, ILLINOIS

REPORT OF THE COMMITTEE ON THE  
PROGRESS OF THE WORK OF THE  
DEPARTMENT OF CHEMISTRY  
FOR THE YEAR 1954



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## A. General Information

**Important:**  
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



**Note:**  
Before completing this form, consult your local Conservation Commission regarding any municipal bylaw or ordinance.

1. Applicant:

Name	_____		E-Mail Address	_____
Street Address	_____			
City/Town	_____	State	_____	Zip Code
Phone Number	_____	Fax Number (if applicable)	_____	

2. Representative (if any):

Firm	_____			
Contact Name	_____		E-Mail Address	_____
Mailing Address	_____			
City/Town	_____	State	_____	Zip Code
Phone Number	_____	Fax Number (if applicable)	_____	

3. Property Owner (if different from applicant):

Name	_____			
Mailing Address	_____			
City/Town	_____	State	_____	Zip Code

4. Total Fee:

(from NOI Wetland Fee Transmittal Form)

5. Project Location:

Street Address	_____		City/Town	_____
Latitude and Longitude:	_____	Latitude	_____	Longitude
Assessors Map/Plat Number	_____	Parcel /Lot Number	_____	

6. General Project Description:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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Town

### A. General Information (cont.)

7. Registry of Deeds:

County	Book	Page
Certificate (if Registered Land)		

### B. Site and Activities Subject to Regulation

Complete any of the following sections that apply to the proposed work and project site.

1. Complete for proposed activities located, in whole or in part, in Buffer Zone.

a. Check all the following borders to the Buffer Zone:

**Inland Resource Areas**

- Inland Bank
- Bordering Vegetated Wetland (BVW)

**Coastal Resource Areas**

- Coastal Beach
- Rocky Intertidal Shore
- Salt Marsh
- Barrier Beach
- Coastal Dune
- Coastal Bank

b. Check all the methods used to delineate the Bordering Vegetated Wetland boundary:

- Final Order of Resource Area Delineation issued by Conservation Commission or DEP (attached)
- DEP BVW Field Data Form (attached)
- Final Determination of Applicability issued by Conservation Commission (attached)
- Other Method of Determining BVW boundary (attach documentation):
  - 50% or more wetland indicator plants
  - Saturated/inundated conditions exist
  - Groundwater indicators
  - Direct observation
  - Hydric soil indicators
  - Credible evidence of conditions prior to disturbance.



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Town

### B. Site and Activities Subject to Regulation (cont.)

c. Describe, with reference to supporting plans and calculations where necessary, the size, type, and location of the proposed work and mitigating measures and designs to insure that the proposed work will not alter the resource area and Buffer Zone borders. Attach additional sheets, if necessary.

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2. Complete for proposed activities located, in whole or in part, in Land Subject to Flooding.

a. Resource area description:

Bordering Land Subject to Flooding:

Isolated Land Subject to Flooding:

Volume of Flood Storage Lost (cubic feet)

Volume of Flood Storage Lost (cubic feet)

Volume of Flood Storage Compensation (cubic feet)

Volume of Flood Storage Compensation (cubic feet)

b. Describe, with reference to supporting plans and calculations where necessary the size, shape, location, and type of work, mitigating measures, and designs proposed to meet the performance standards set forth in 310 CMR 10.57(4) and 10.60. Attach additional sheets, if necessary.

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3. Complete for proposed activities located, in whole or in part, in the Riverfront Area.

a. Name of Waterway (if available):

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**B. Site and Activities Subject to Regulation (cont.)**

b. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only  
 100 ft. - New agricultural projects only  
 200 ft. - All other projects

c. Describe how the Mean Annual High-Water Line was determined:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

d. Distance of proposed activity closest to the Mean Annual High-Water Line:

Feet

e. Total area of Riverfront Area on the site of the proposed project:

Square Feet

f. Proposed alteration of the Riverfront Area:

Total Square Feet

Square Feet within 100 ft.

Square Feet between 100 ft. and 200 ft.

g. Indicate project purpose:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Single family house     | <input type="checkbox"/> Commercial development | <input type="checkbox"/> Transportation    |
| <input type="checkbox"/> Residential subdivision | <input type="checkbox"/> Industrial development | <input type="checkbox"/> Other (describe): |

h. Was the lot where the activity is proposed created prior to August 1, 1996?

- Yes  
 No



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Town \_\_\_\_\_

### B. Site and Activities Subject to Regulation (cont.)

i. Describe how the project will meet all performance standards set forth in 310 CMR 10.58(4) for the Riverfront Area, including standards requiring consideration of alternative project design or location. Attach additional sheets, if necessary.

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4. Is the project exempt from the DEP Stormwater Management Policy?

Yes      If yes, explain why the project is exempt:

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No      If no, stormwater management measures are required. Applicants are encouraged to complete the Stormwater Management Form and submit it with this Abbreviated Notice of Intent.

5. a. Is any portion of the proposed project located within estimated habitat as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program?

Yes      If yes, include proof of mailing or hand delivery of Abbreviated Notice of Intent to :

Natural Heritage and Endangered Species Program  
Division of Fisheries and Wildlife  
1 Rabbit Hill Road  
Westborough, MA 01581-3336

No

Date of Map \_\_\_\_\_

b. Is any portion of the proposed project in an Area of Critical Environmental Concern (ACEC)?

Yes      If yes, provide name of ACEC (see the Area of Critical Concern list for ACEC locations):

No      ACEC Name \_\_\_\_\_



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Town \_\_\_\_\_

### B. Site and Activities Subject to Regulation (cont.)

c. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

Yes

No

6. If any activity within Land Subject to Flooding, the Riverfront Area, or Buffer Zone is exempt from performance standards in accordance with any provision of the wetlands regulations, 310 CMR 10.00, identify the appropriate exemption:

Exemption \_\_\_\_\_

### C. Additional Information

Applicants must include the following with this Abbreviated Notice of Intent (ANOI):

- USGS or other map of the area (along with a narrative description, if necessary), containing sufficient information for the Conservation Commission and the Department to locate the site.
- Plans identifying the location of proposed activities relative to the boundaries of each affected resource area.
- Other material identifying and explaining the determination of resource area boundaries shown on plans (e.g., a DEP BWV Field Data Form).
- List the titles and final revision dates for all plans and other materials submitted with this ANOI.

### D. Fees

The fees for work proposed under each Abbreviated Notice of Intent must be calculated and submitted to the Conservation Commission and DEP (see Instructions and NOI Wetland Fee Transmittal Form).

No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

Check Number \_\_\_\_\_

Check date \_\_\_\_\_

Payor name on check \_\_\_\_\_

Applicant name on check \_\_\_\_\_



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Provided by DEP

Town \_\_\_\_\_

### E. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Abbreviated Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Property Owner (If different)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Representative (if any)

\_\_\_\_\_  
Date

#### For Conservation Commission:

Two copies of the completed Abbreviated Notice of Intent (Form 4), including supporting plans and documents; two copies of pages 1 and 2 of the NOI Wetland Fee Transmittal Form; and the city/town fee payment must be sent to the Conservation Commission by certified mail or hand delivery.

#### For DEP:

Two copies of the completed Abbreviated Notice of Intent (Form 4), including supporting plans and documents; two copies of pages 1 and 2 of the NOI Wetland Fee Transmittal Form; and a **copy** of the state fee payment must be sent to the DEP Regional Office by certified mail or hand delivery.

#### Other:

If the applicant has checked the "yes" box in any part of Section B, Item 5, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Abbreviated Notice of Intent.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**NOI Wetland Fee Transmittal Form**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**Important:**  
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



## A. Applicant Information

### 1. Applicant:

a. First Name

b. Last Name

c. Company

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

### 2. Property Owner (if different):

a. First Name

b. Last Name

c. Company

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

### 3. Project Location:

a. Street Address

b. City/Town

To calculate filing fees, refer to the category fee list and examples in the instructions for WPA Form 4 (Abbreviated Notice of Intent).

## B. Fees

### Notice of Intent (Form 3) or Abbreviated Notice of Intent (Form 4):

The fee should be calculated using the following six-step process and worksheet. **Please see Instructions before filling out worksheet.**

**Step 1/Type of Activity:** Describe each type of activity that will occur in wetland resource area and buffer zone.

**Step 2/Number of Activities:** Identify the number of each type of activity.

**Step 3/Individual Activity Fee:** Identify each activity fee from the six project categories listed in the instructions.

**Step 4/Subtotal Activity Fee:** Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

**Step 5/Total Project Fee:** Determine the total project fee by adding the subtotal amounts from Step 4.

**Step 6/Fee Payments:** To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



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**B. Fees (continued)**

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee

Step 5/Total Project Fee: \_\_\_\_\_

Step 6/Fee Payments:

Total Project Fee: \_\_\_\_\_ a. Total fee from Step 5

State share of filing fee: \_\_\_\_\_ b. 1/2 total fee less \$12.50

City/Town share of filling fee: \_\_\_\_\_ c. 1/2 total fee plus \$12.50

**C. Submittal Requirements**

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection  
 Box 4062  
 Boston, MA 02211

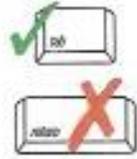
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of pages 1 and 2 of this form; and the city/town fee payment.
- c.) **To DEP Regional Office (see Instructions):** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of pages 1 and 2 of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**Stormwater Management Form**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

## A. Property Information

**Important:**  
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



**Note:**  
This November 2000 version of the Stormwater Management Form supersedes earlier versions including those contained in DEP's Stormwater Handbooks.

1. The proposed project is:
  - a. New development  Yes  No
  - b. Redevelopment  Yes  No
  - c. Combination  Yes  No (If yes, distinguish redevelopment components from new development components on plans).
2. Stormwater runoff to be treated for water quality is based on the following calculations:
  - a.  1 inch of runoff x total impervious area of post-development site for discharge to **critical areas** (Outstanding Resource Waters, recharge areas of public water supplies, shellfish growing areas, swimming beaches, cold water fisheries).
  - b.  0.5 inches of runoff x total impervious area of post-development site for other resource areas.

## B. Stormwater Management Standards

DEP's Stormwater Management Policy (March 1997) includes nine standards that are listed on the following pages. Check the appropriate boxes for each standard and provide documentation and additional information when applicable.

### Standard #1: Untreated stormwater

- a.  The project is designed so that new stormwater point discharges do not discharge untreated stormwater into, or cause erosion to, wetlands and waters.

### Standard #2: Post-development peak discharge rates

- a.  Not applicable – project site contains waters subject to tidal action.

Post-development peak discharge does not exceed pre-development rates on the site at the point of discharge or downgradient property boundary for the 2-yr, 10-yr, and 100-yr, 24-hr storm.

- b.  Without stormwater controls
- c.  With stormwater controls designed for the 2-yr, and 10-yr storm, 24-hr storm.
- d.  The project as designed will not increase off-site flooding impacts from the 100-yr, 24-hr storm.



**B. Stormwater Management Standards (cont.)**

**Standard #3: Recharge to groundwater**

Amount of impervious area (sq. ft.) to be infiltrated: \_\_\_\_\_  
a. square feet

Volume to be recharged is based on:

b.  The following Natural Resources Conservation Service hydrologic soils groups (e.g. A, B, C, D, or UA) or any combination of groups:

1. % of impervious area	2. Hydrologic soil group	3. % of impervious area	4. Hydrologic soil group
5. % of impervious area	6. Hydrologic soil group	7. % of impervious area	8. Hydrologic soil group

c.  Site specific pre-development conditions: \_\_\_\_\_  
1. Recharge rate \_\_\_\_\_ 2. Volume \_\_\_\_\_

d. Describe how the calculations were determined:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

e. List each BMP or nonstructural measure used to meet Standard #3 (e.g. dry well, infiltration trench).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Does the annual groundwater recharge for the post-development site approximate the annual recharge from existing site conditions?

f.  Yes       No

**Standard #4: 80% TSS Removal**

a.  The proposed stormwater management system will remove 80% of the post-development site's average annual Total Suspended Solids (TSS) load.

b. Identify the BMP's proposed for the project and describe how the 80% TSS removal will be achieved.

\_\_\_\_\_  
\_\_\_\_\_



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**Stormwater Management Form**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**B. Stormwater Management Standards (cont.)**

c. If the project is redevelopment, explain how much TSS will be removed and briefly explain why 80% removal cannot be achieved.

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**Standard #5: Higher potential pollutant loads**

Does the project site contain land uses with higher potential pollutant loads

a.  Yes  No      b. If yes, describe land uses:

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c. Identify the BMPs selected to treat stormwater runoff. If infiltration measures are proposed, describe the pretreatment. (Note: If the area of higher potential pollutant loading is upgradient of a critical area, infiltration is not allowed.)

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**Standard #6: Protection of critical areas**

Will the project discharge to or affect a critical area?

a.  Yes  No      b. If yes, describe areas:

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c. Identify the BMPs selected for stormwater discharges in these areas and describe how BMPs meet restrictions listed on pages I-27 and I-28 of the Stormwater Policy Handbook – Vol. I:

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See Stormwater Policy Handbook Vol. I, page I-23, for land uses of high pollutant loading (see instructions).

See Stormwater Policy Handbook Vol. I, page I-25, for critical areas (see instructions).



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**Stormwater Management Form**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**B. Stormwater Management Standards (cont.)**

Note:  
components of  
redevelopment  
projects which  
plan to develop  
previously  
undeveloped  
areas do not fall  
under the scope  
of Standard 7.

**Standard #7: Redevelopment projects**

Is the proposed activity a redevelopment project?

a.  Yes  No

b. If yes, the following stormwater management standards have been met:

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c. The following stormwater standards have not been met for the following reasons:

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d.  The proposed project will reduce the annual pollutant load on the site with new or improved stormwater control.

**Standard #8: Erosion/sediment control**

a.  Erosion and sediment controls are incorporated into the project design to prevent erosion, control sediments, and stabilize exposed soils during construction or land disturbance.

**Standard #9: Operation/maintenance plan**

a.  An operation and maintenance plan for the post-development stormwater controls have been developed. The plan includes ownership of the stormwater BMPs, parties responsible for operation and maintenance, schedule for inspection and maintenance, routine and long-term maintenance responsibilities, and provision for appropriate access and maintenance easements extending from a public right-of-way to the stormwater controls.

b. Plan/Title

c. Date

d. Plan/Title

e. Date



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Bureau of Resource Protection - Wetlands  
**Stormwater Management Form**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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### C. Submittal Requirements

**Online Users:**  
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

DEP recommends that applicants submit this form, as well as, supporting documentation and plans, with the Notice of Intent to provide stormwater management information for Commission review consistent with the wetland regulations (310 CMR 10.05 (6)(b)) and DEP's Stormwater Management Policy (March 1997). If a particular stormwater management standard cannot be met, information should be provided to demonstrate how equivalent water quality and water quantity protection will be provided. DEP encourages engineers to use this form to certify that the project meets the stormwater management standards as well as acceptable engineering standards. For more information, consult the Stormwater Management Policy.

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### D. Signatures

\_\_\_\_\_  
Applicant Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Representative (if any)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**Areas of Critical Environmental Concern**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**A. Guidance**

Projects proposed in the communities listed below may be located in Areas of Critical Environmental Concern (ACECs). To confirm whether the project location is in an ACEC, contact the Conservation Commission or the MA Department of Conservation & Recreation (formerly the Department of Environmental Management) ACEC Program at:

251 Causeway St., Suite 600  
 Boston, MA 02114  
 617.626.1394

**B. Towns with ACECs within their Boundaries**

<u>Town</u>	<u>ACEC Name</u>	<u>Town</u>	<u>ACEC Name</u>
Ashby	Squannassit	Lunenburg	Squannassit
Ayer	Petapawag and Squannassit	Lynn	Rumney Marshes
Barnstable	Sandy Neck/Barnstable Harbor	Mansfield	Canoe River Aquifer
Bolton	Central Nashua River Valley	Mashpee	Waquoit Bay
Boston	Rumney Marshes	Melrose	Golden Hills
	Fowl Meadow and Ponkapoag Bog	Milton	Fowl Meadow and Ponkapoag Bog
	Neponset River Estuary		Neponset River Estuary
Bourne	Pocasset River	Mt Washington	Karner Brook Watershed, Schenob Brook
	Herring River Watershed		Parker River/Essex Bay
	Bourne Back River	Newbury	Hockomock Swamp
Braintree	Cranberry Brook Watershed	Norton	Canoe River Aquifer
Brewster	Pleasant Bay, Inner Cape Cod Bay		Fowl Meadow and Ponkapoag Bog
Bridgewater	Hockomock Swamp	Norwood	Inner Cape Cod Bay, Pleasant Bay
Canton	Fowl Meadow and Ponkapoag Bog	Orleans	Petapawag and Squannassit
Chatham	Pleasant Bay	Pepperell	Hinsdale Flats Watershed
Cohasset	Weir River	Peru	Herring River Watershed, Ellisville Harbor
Dalton	Hinsdale Flats Watershed	Plymouth	Neponset River Estuary
Dedham	Fowl Meadow and Ponkapoag Bog	Quincy	Fowl Meadow and Ponkapoag Bog
Dunstable	Petapawag	Randolph	Hockomock Swamp
Eastham	Inner Cape Cod Bay	Raynham	Rumney Marshes
	Wellfleet Harbor	Revere	Parker River/Essex Bay
Easton	Canoe River Aquifer	Rowley	Sandy Neck/Barnstable Harbor
	Hockomock Swamp	Sandwich	Rumney Marshes, Golden Hills
Egremont	Karner Brook Watershed	Saugus	Canoe River Aquifer
Essex	Parker River/Essex Bay	Sharon	Fowl Meadow and Ponkapoag Bog
Falmouth	Waquoit Bay		Schenob Brook
Foxborough	Canoe River Aquifer	Sheffield	Squannassit
Gloucester	Parker River/Essex Bay	Shirley	Kampoosa Bog Drainage Basin
Grafton	Miscoe-Warren-Whitehall Watersheds	Stockbridge	Hockomock Swamp, Canoe River Aquifer
Groton	Petapawag and Squannassit	Taunton	Squannassit
Harvard	Central Nashua River Valley	Townsend	Wellfleet Harbor
	Squannassit	Truro	Petapawag
Harwich	Pleasant Bay	Tyngsborough	Miscoe-Warren-Whitehall Watersheds
Hingham	Weir River, Weymouth Back River	Upton	Golden Hills
Hinsdale	Hinsdale Flats Watershed	Wakefield	Hinsdale Flats Watershed
Holbrook	Cranberry Brook Watershed	Washington	Wellfleet Harbor
Hopkinton	Westborough Cedar Swamp	Wellfleet	Hockomock Swamp
	Miscoe-Warren-Whitehall Watersheds	W Bridgewater	Westborough Cedar Swamp
Hull	Weir River	Westborough	Fowl Meadow and Ponkapoag Bog
Ipswich	Parker River/Essex Bay	Westwood	Weymouth Back River
Lancaster	Central Nashua River Valley	Weymouth	Rumney Marshes
	Squannassit	Winthrop	
Lee	Kampoosa Bog Drainage Basin		
Leominster	Central Nashua River Valley		