

Form 3

Commonwealth
of MassachusettsDEQE File No.

(To be provided by DEQE)

City/Town ActonApplicant Five Waltham St.
Trust

**Notice of Intent
Under the
Massachusetts Wetlands Protection Act, G.L. c. 131, §40
and
Application for a Department of the Army Permit**

Part I: General Information

1. Location: Street Address Corner of Arlington and Summer Street, Acton
Lot Number Lot 6
2. Project Type Limited Proj. Description This project involves a driveway crossing of two small streams to provide access to an interior upland area. Portions of the driveway will be within the 100 ft. Buffer Zone.
3. Registry: County Middlesex Current Book 12148 & Page 628
Certificate (If Registered Land) _____
4. Applicant Five Waltham Street Trust Tel. 897-2217
Address Five Waltham Street, rear Maynard, Mass. 01754
5. Property Owner Paul F. & Janet A. Marino Tel. 263-0058
Address 355 Arlington Street, Acton
6. Representative Colburn Engineering, Inc. Tel. 562-5247
Address P. O. Box 52, 454 Main Street Hudson, Mass. 01749
7. Have the Conservation Commission and the DEQE Regional Office each been sent, by certified mail or hand delivery, 2 copies of completed Notice of Intent, with supporting plans and documents?
Yes No

8. Have all obtainable permits, variances and approvals required by local by-law been obtained?
 Yes No

Obtained:	Applied For:	Not Applied For Not Obtainable at this time
_____	_____	_____
_____	_____	Board of Health
_____	_____	_____
_____	_____	_____

9. Is any portion of the site subject to a Wetlands Restriction Order pursuant to G.L. c. 131, §40A or G.L. c. 130, §105? Yes No

10. List all plans and supporting documents submitted with this Notice of Intent.

Identifying Number/Letter	Title, Date
840-1	Plan of proposed work bordering vegetated wetland
840-2	Drainage calculations
840-3	Statement concerning Title 5 and water supply
840-4	USGS Locus
840-5	USGS - Surficial Geology Soils Maps
840-6	FEMA Flood Map

11. Check those resource areas within which work is proposed:

(a) Buffer Zone

(b) Inland:

- | | |
|---|------------------------------------|
| <input checked="" type="checkbox"/> Bank* | Land Subject to Flooding, |
| <input checked="" type="checkbox"/> Bordering Vegetated Wetland* | <input type="checkbox"/> Bordering |
| <input checked="" type="checkbox"/> Land Under Water Body & Waterway* | <input type="checkbox"/> Isolated |

(c) Coastal: N/A

- | | |
|--|---|
| <input type="checkbox"/> Land Under the Ocean* | <input type="checkbox"/> Designated Port Area* |
| <input type="checkbox"/> Coastal Beach* | <input type="checkbox"/> Coastal Dune |
| <input type="checkbox"/> Barrier Beach | <input type="checkbox"/> Coastal Bank |
| <input type="checkbox"/> Rocky Intertidal Shore* | <input type="checkbox"/> Salt Marsh* |
| <input type="checkbox"/> Land Under Salt Pond* | <input type="checkbox"/> Land Containing Shellfish* |
| <input type="checkbox"/> Fish Run* | |

* Likely to involve U.S. Army Corps of Engineers concurrent jurisdiction. See General Instructions for Completing Notice of Intent.

Part II: Site Description

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe existing site conditions.

Identifying Number/Letter (of plan, narrative or calculations)	
	<u>Natural Features:</u>
Map 840-5	Soils
Narrative Part II	Vegetation
Plan # 840-1	Topography
Plan # 840-1	Open water bodies (including ponds and lakes)
Plan # 840-1	Flowing water bodies (including streams and rivers)
Plan # 840-3	Public and private surface water and ground water supplies on or within 100 feet of site
Plan # 840-1	Maximum annual ground water elevations with dates and location of test
Plan # 840-1	Boundaries of resource areas checked under Part I, item 11 above
_____	Other
	<u>Man-made Features:</u>
Plan # 840-1	Structures (such as buildings, piers, towers and headwalls)
Plan # 840-1	Drainage and flood control facilities at the site and immediately off the site, including culverts and open channels (with inverts), dams and dikes
N/A	Subsurface sewage disposal systems
N/A	Underground utilities
Plan # 840-1	Roadways and parking areas
Plan # 840-1	Property boundaries, easements and rights-of-way
_____	Other

Part III: Work Description

Indicate which of the following information has been provided (on a plan, in narrative description or calculations) to clearly, completely and accurately describe work proposed within each of the resource areas checked in Part I, item 11 above.

Identifying Number/Letter (of plan, narrative or calculations)	
	<u>Planview and Cross Section of:</u>
Plan # 840-1	Structures (such as buildings, piers, towers and headwalls)
Plan # 840-1	Drainage and flood control facilities, including culverts and open channels (with inverts), dams and dikes
N/A	Subsurface sewage disposal systems & underground utilities
Narrative Part III	Filling, dredging and excavating, indicating volume and composition of material
N/A	Compensatory storage areas, where required in accordance with Part III, Section 10:57 (4) of the regulations
_____	Other
	<u>Point Source Discharge</u>
N/A	Description of characteristics of discharge from point source (both closed and open channel), when point of discharge falls within resource area checked under Part I, item 11 above, as supported by standard engineering calculations, data and plans, including but not limited to the following:

- N/A 1. Delineation of the drainage area contributing to the point of discharge:
2. Pre- and post-development peak run-off from the drainage area, at the point of discharge, for at least the 10-year and 100-year frequency storm;
 3. Pre- and post-development rate of infiltration contributing to the resource area checked under Part I, item 11 above;
 4. Estimated water quality characteristics of pre- and post-development run-off at the point of discharge.

Part IV: Mitigating Measures

1. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:
 - x (a) All measures and designs proposed to meet the performance standards set forth under each resource area specified in Part II or Part III of the regulations; or
(a-1) Limited Project - road crossing to upland
 - (b) why the presumptions set forth under each resource area specified in Part II or Part III of the regulations do not apply.

LIMITED PROJECTS

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type: Bank, land under water body	Identifying number or letter of support documents
<p>The proposed driveway is to be constructed under the provisions of "Limited Projects", sect. 10.53 (3)(e). Approximately 260 sq. ft. of wetland area will be filled to provide minimum road width and side slopes. No wetlands will be filled other than that which is associated with stream crossing.</p> <p>All slopes will be loamed, seeded and hay mulched to assure rapid stabilization.</p> <p>The base of all slopes will have hay bales stacked as shown on Plan #840-1, for siltation and erosion control.</p>		<p>Plan #840-1 Part II - Narr. Plan #840-2 Drainage calcs.</p>

LIMITED PROJECTS cont'd.

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type:	Identifying number or letter of support documents
<p>The stream crossings are designed with culverts so as not to restrict water flow.</p> <p>No other performance standards are given for "Limited Projects".</p>		

<input type="checkbox"/> Coastal <input type="checkbox"/> Inland	Resource Area Type: Identifying number or letter of support documents

2. Clearly, completely and accurately describe, with reference to supporting plans and calculations where necessary:

- X (a) all measures and designs to regulate work within the Buffer Zone so as to insure that said work does not alter an area specified in Part I, Section 10.02(1) (a) of these regulations; or
- (b) if work in the Buffer Zone will alter such an area, all measures and designs proposed to meet the performance standards established for the adjacent resource area specified in Part II or Part III of these regulations.

BUFFER ZONE

<input type="checkbox"/> Coastal <input checked="" type="checkbox"/> Inland	Resource Area Type Bordered By 100-Foot Discretionary Zone: Identifying number or letter of support documents
<p> zone bordering vegetated wetland "land under water bodies and/or bank </p> <p> Portions of the proposed driveway ^{house & septic expansion area} are to be constructed within the 100ft. Buffer Zone. No fill is to be placed in any wetland or resource area. Staked hay bales are to be located as shown on Plan #840-1 for siltation control. All disturbed slopes will be at least 2:1 slope. All disturbed slopes will be loamed, seeded and hay mulched for siltation and erosion control. </p>	<p> Buffer land </p> <p> Plan #840-1 Part III Narr. Work Description </p>

Part V: Additional Information for a Department of the Army Permit N/A

1. COE Application No. _____ 2. _____
(to be provided by COE) (Name of waterway)

3. Names and addresses of property owners adjoining your property:

4. Document other project alternatives (i.e., other locations and/or construction methods, particularly those that would eliminate the discharge of dredged or fill material into waters or wetlands).

5. 8 1/2" x 11" drawings in planview and cross-section, showing the resource area and the proposed activity within the resource area. Drawings must be to scale and should be clear enough for photocopying.

Certification is required from the Division of Water Pollution Control before the Federal permit can be issued. Certification may be obtained by contacting the Division of Water Pollution Control, 1 Winter Street, Boston, Massachusetts 02108.

Where the activity will take place within the area under the Massachusetts approved Coastal Zone Management Program, the applicant certifies that his proposed activity complies with and will be conducted in a manner that is consistent with the approved program.

Information provided will be used in evaluating the application for a permit and is made a matter of public record through issuance of a public notice. Disclosure of this information is voluntary; however if necessary information is not provided, the application cannot be processed nor can a permit be issued.

I hereby certify under the pains and penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents and supporting data are true and complete, to the best of my knowledge.

Frank B. Dentino 9/21/84

Signature of Applicant

Date

Sydney H. Remington - Calhoun Engineering Inc

Acting as Agent for Applicant

9/24/84

Signature of Applicant's Representative

Date

NED FORM 100 (TEST)
1 MAY 82

"Exception to ENG Form 4346 approved by HQUSACE, 6 May 1982"

"This document contains a joint Department of the Army and State of Massachusetts application for a permit to obtain permission to perform activities in United States waters. The Office of Management and Budget (OMB) has approved those questions required by the US Army Corps of Engineers. OMB Number 0702-0038 and expiration date of 30 September 1983 applies. This statement will be set in 6 point type.