



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

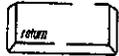
MassDEP File Number

Document Transaction Number

Acton

City/Town

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.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

19 Musket Dr

a. Street Address

Acton

b. City/Town

Ma

c. Zip Code

Latitude and Longitude:

E 3

f. Assessor's Map/Plat Number

d. Latitude

87 - 63

e. Longitude

g. Parcel /Lot Number

2. Applicant:

Richard

a. First Name

Dolan

b. Last Name

ABC Cesspool Co., Inc

c. Organization

292 High St.

d. Street Address

Acton

e. City/Town

Ma

f. State

01720

g. Zip Code

978 897 6411

h. Phone Number

978 897 6486

i. Fax Number

Dicksludge @ AOL.com

j. Email Address

3. Property owner (required if different from applicant):

Check if more than one owner

James & Sara

a. First Name

Lewis

b. Last Name

c. Organization

19 Musket Dr.

d. Street Address

Acton

e. City/Town

Ma

f. State

01720

g. Zip Code

978 764

h. Phone Number

2913

i. Fax Number

j. Email address

4. Representative (if any):

Richard

a. First Name

Dolan

b. Last Name

ABC Cesspool Co., Inc.

c. Company

292 High St.

d. Street Address

Acton

e. City/Town

Ma

f. State

01720

g. Zip Code

978 897 6411

h. Phone Number

978 897 6486

i. Fax Number

Dicksludge @ AOL.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

132.00

a. Total Fee Paid

42.50

b. State Fee Paid

89.50

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Replace a failed septic system

7a. Project Type Checklist:

1. Single Family Home

2. Residential Subdivision

3. Limited Project Driveway Crossing

4. Commercial/Industrial

5. Dock/Pier

6. Utilities

7. Coastal Engineering Structure

8. Agriculture (e.g., cranberries, forestry)

9. Transportation

10. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No

If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Middlesex

a. County

19010

c. Book

b. Certificate # (if registered land)

0075

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area

Size of Proposed Alteration

Proposed Replacement (if any)

a. Bank

1. linear feet

2. linear feet

b. Bordering Vegetated Wetland

1. square feet

2. square feet

c. Land Under Waterbodies and Waterways

1. square feet

2. square feet

3. cubic yards dredged



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____ 2. cubic feet of flood storage lost _____	3. cubic feet replaced _____
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) _____	

2. Width of Riverfront Area (check one):

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

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____



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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number _____

Document Transaction Number _____

Action _____

City/Town _____

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet _____	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet _____	
h. <input type="checkbox"/> Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet _____	
	2. cubic yards dredged _____	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet _____	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged _____	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet _____	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW _____	b. square feet of Salt Marsh _____
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings _____	b. number of replacement stream crossings _____

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to

a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
100 Hartwell Street, Suite 230
West Boylston, MA 01583

b. Date of map _____



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C. Other Applicable Standards and Requirements (cont'd)

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); OR complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

1. c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____

percentage/acreage

(b) outside Resource Area _____

percentage/acreage

2. Assessor's Map or right-of-way plan of site

3. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work ***

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

(c) MESA filing fee (fee information available at: _____).

Make check payable to "Commonwealth of Massachusetts - NHESP" and *mail to NHESP* at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the Following

1. Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

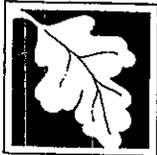
2. Separate MESA review ongoing.

a. NHESP Tracking # _____

b. Date submitted to NHESP _____

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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C. Other Applicable Standards and Requirements (cont'd)

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

2. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only

b. Yes No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

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

a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. Yes No

5. 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)?

a. Yes No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)

2. A portion of the site constitutes redevelopment

3. Proprietary BMPs are included in the Stormwater Management System.

b. No. Check why the project is exempt:

1. Single-family house

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



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C. Other Applicable Standards and Requirements (cont'd)

- 2. Emergency road repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

- 1. 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. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

Proposed Septioc System 19 Musket Dr

a. Plan Title

ABC Cesspool Co., Olnc

b. Prepared By

1/22/13

d. Final Revision Date

Steven Calichman

c. Signed and Stamped by

1"=20'

e. Scale

f. Additional Plan or Document Title

g. Date

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form
- 9. Attach Stormwater Report, if needed.



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MassDEP File Number

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Acton

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E. Fees

- 1. Fee Exempt: 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:

5015	3/7/13
2. Municipal Check Number	3. Check date
5016	3/7/13
4. State Check Number	5. Check date
Stacy	O'Driscoll
6. Payor name on check: First Name	7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the 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. 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 by Certificate of Mailing or 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.

	3/7/13
1. Signature of Applicant	2. Date
JAMES & SARA LEWIS RULL	3/7/13
3. Signature of Property Owner (if different)	4. Date
	3/7/13
5. Signature of Representative (if any)	6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, 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 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. Location of Project:

<u>19 Musket Dr</u>	<u>Acton</u>
a. Street Address	b. City/Town
<u>5016</u>	<u>42.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Richard</u>	<u>Dolan</u>	
a. First Name	b. Last Name	
<u>ABC Cesspool Co., Inc</u>		
c. Organization		
<u>292 High St</u>		
d. Mailing Address		
<u>Acton</u>	<u>Ma</u>	<u>01720</u>
e. City/Town	f. State	g. Zip Code
<u>(978) 897-6411</u>	<u>(978)897-6486</u>	<u>Dicksludge@AOL.com</u>
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

<u>James & Sara</u>	<u>Lewis</u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u>19 Musket Dr</u>		
d. Mailing Address		
<u>Acton</u>	<u>Ma</u>	<u>01720</u>
e. City/Town	f. State	g. Zip Code
<u>(978) 263-3956</u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email Address

B. Fees

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

Fee should be calculated using the following process & 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.



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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
1	1	132.00	132.00

Step 5/Total Project Fee: 132.00

Step 6/Fee Payments:

Total Project Fee: 132.00
a. Total Fee from Step 5
State share of filing Fee: 42.50
b. 1/2 Total Fee less \$12.50
City/Town share of filing Fee: 89.50
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 this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



Brian McMullen
Assessor

Town of Acton
472 Main Street
Acton, MA 01720
Telephone 978-929-6621
Fax 978-929-6340

LOCUS
PARCEL ID

19 MUSKET DR
E3-87-63

Location	Parcel ID	Owner	Co-Owner	Mailing Address	City	ST	Zip
22 MUSKET DR	E3-87-62	GARNETT WILLIAM J	GARNETT KATHERINE M ✓	22 MUSKET DR	ACTON	MA	01720
16 JEFFERSON DR	F3-11-8	LIMAYE RAJENDRA	SMITA ✓	16 JEFFERSON DR	ACTON	MA	01720
21 MUSKET DR	E3-87-61	PATRIOTS HILL RECREATION CLUB	✓	PO BOX 2609	ACTON	MA	01720
18 MUSKET DR	F3-11-5	FISHER ELDON M	MARIANNE ✓	18 MUSKET DR	ACTON	MA	01720
4 REVOLUTIONARY RD	F3-11-5	FLYNN GREGORY A	FLYNN SUSAN M ✓	4 REVOLUTIONARY RD	ACTON	MA	01720
17 MUSKET DR	F3-11-4	DOHERTY III HENRY T	DOHERTY DEBORAH LEE ✓	17 MUSKET DR	ACTON	MA	01720
15 JEFFERSON DR	F3-11-15	PARRY DAVID M	PARRY STEPHANIE KJ ✓	15 JEFFERSON DR	ACTON	MA	01720
6 REVOLUTIONARY RD	E3-112-4	MORSE DAVID R	KAPLAN-MORSE MELISSA ✓	6 REVOLUTIONARY RD	ACTON	MA	01720

The owner of land sharing a common boundary or corner with the site of the proposed activity (100 feet) in any direction, including land located directly across a street, way, creek, river, stream, brook or canal. The above are as they appear on the most recent applicable taxes.

3/4/2013


Brian McMullen
Assessor

**NOTIFICATION TO ABUTTERS
UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT
AND THE TOWN OF ACTON WETLANDS BYLAW**

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 and the Town of Acton Bylaws, you are hereby notified of the following:

The Applicant: James & Sara Lewis

Address 19 Musket Dr. Phone (978)263-3956

has filed a Notice of Intent with the Acton Conservation Commission seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Wetlands Protection Act.

Applicant's Representative: ABC Cesspool Co., Inc.

Address 292 High St. Acton, Ma 01720 Phone (978)263-5802

The address of the property where the activity is proposed 19 Musket Dr., Acton

Town Atlas Plate/Map E 3 Parcel/Lot 87-63

Project Description Replace an existing failed septic system

For more information please contact the Conservation Office at 978-929-6634 or email . Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton between the hours of 9:00 A.M. and 4:30 P.M. Monday through Friday.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday, March 20, 2013 7:30 at P.M.
(date)

The notice of the public hearing will be published at least five (5) days in advance in the Acton edition of the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local conservation commission or the nearest Department of Environmental Protection Regional Office* for the information about this application or, the Wetlands Protection Act. Acton is in the Central Region. To contact DEP, call:

*DEP Central Region: 508-792-7650
627 Main Street, Worcester MA 01608

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act

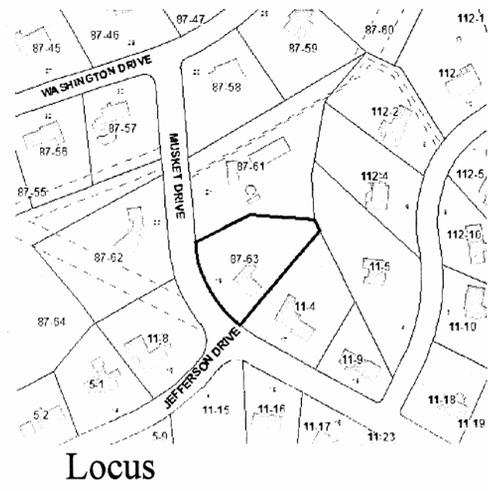
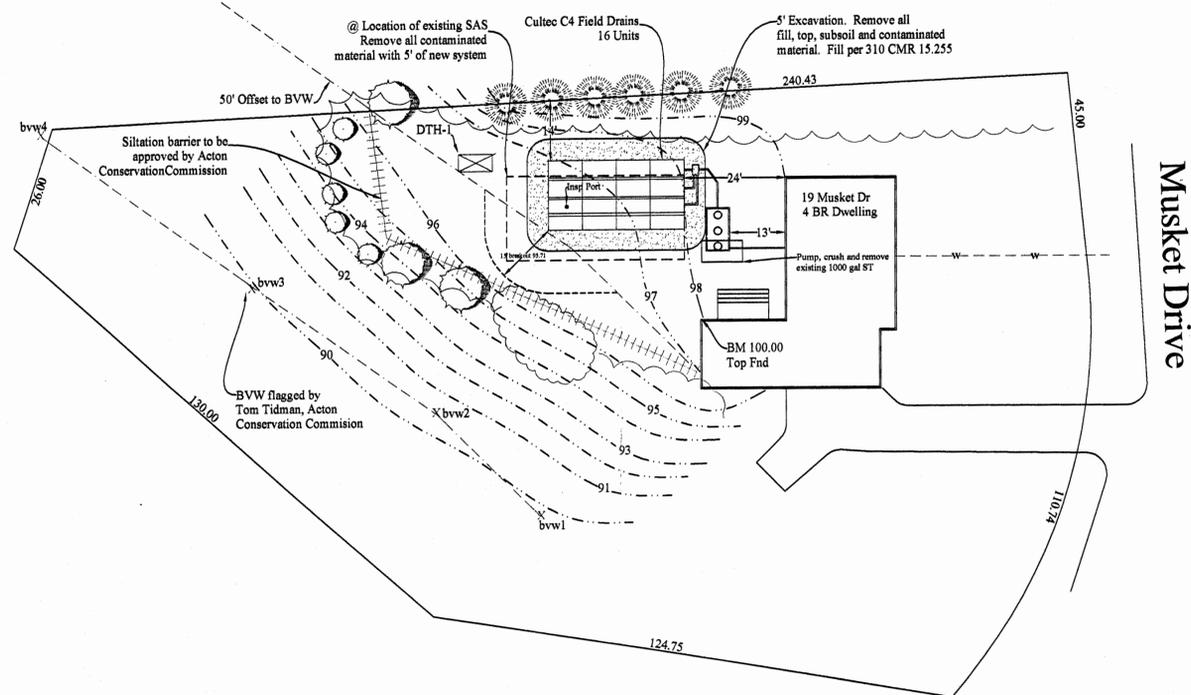
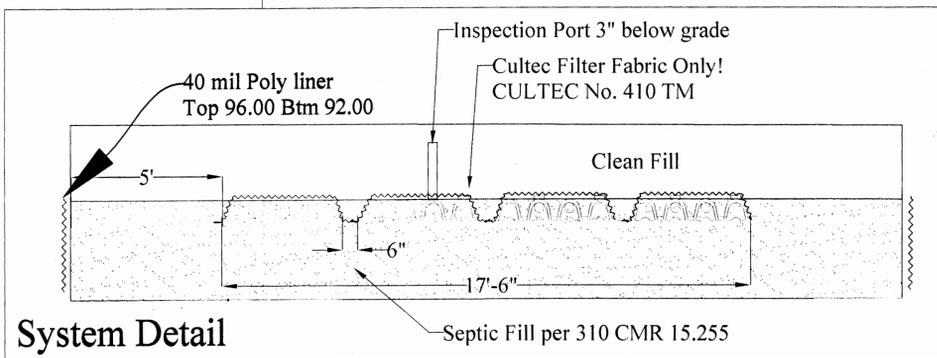
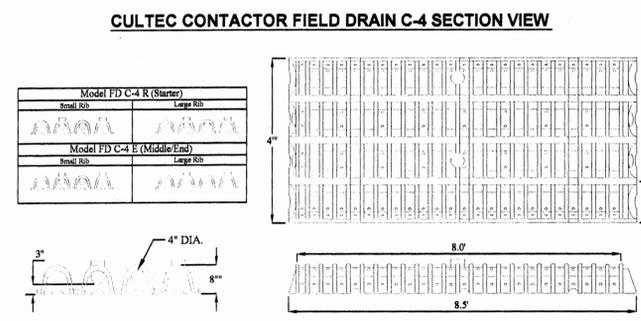
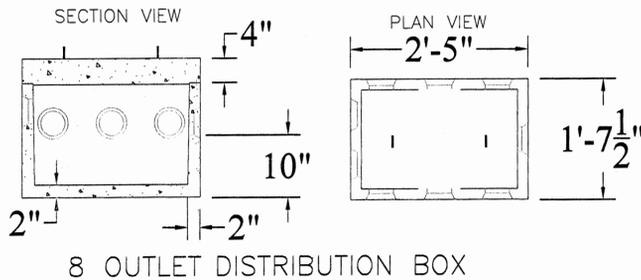
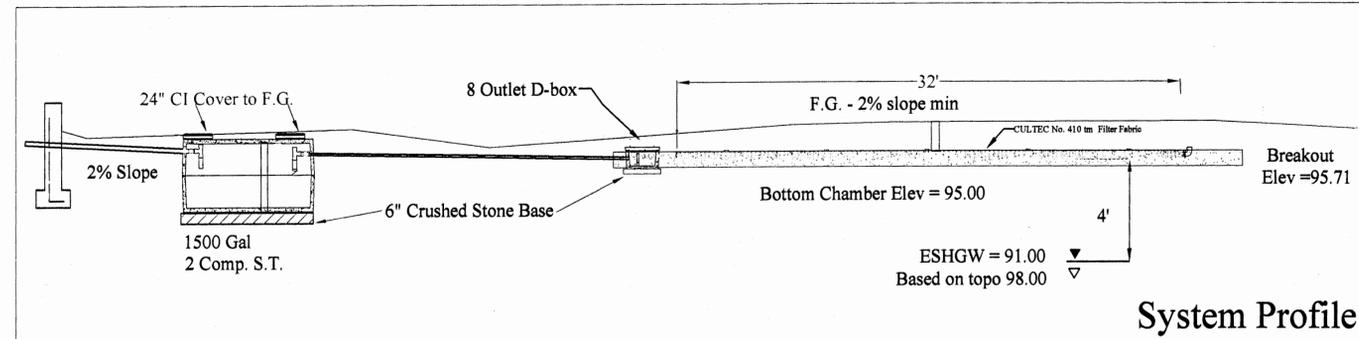
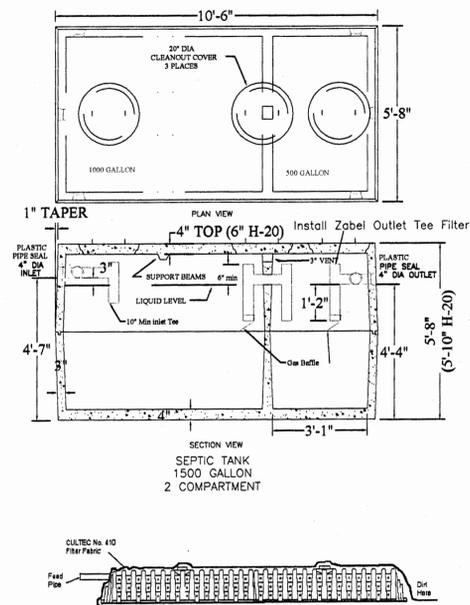
(to be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, Richard E. Dolan Jr / ABC Cesspool Co., Inc., hereby certify under the pains and penalties of perjury that on March 7, 2013 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent filed under the Massachusetts Wetlands Protection Act by Richard E Dolan Jr/ ABC Cesspool Co.,Inc. with the Acton Conservation Commission on March 7, 2013 for property located at 19 Musket Dr, Acton.

The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

 3/7/13
Name Date



General Notes

- The septic tank and pump chamber shall be made of precast concrete. Tank construction materials shall comply with 310 CMR 15.226. Septic tank and pump chamber shall be waterproofed below the pipe inlet.
- The septic tank and pump chamber shall be placed on six inches of crushed stone that has been mechanically compacted. A minimum of nine inches of cover shall be placed over the tank. A 24 inch cover with an appropriate water tight riser shall be provided over the outlet within six inches of finished grade.
- Where not otherwise specified, piping shall be 4" schedule 40 PVC pipe with glued joints. Existing supply piping that is not 4" cast iron or schedule 40 PVC shall be replaced.
- Final grading over the leaching area shall provide that no water will accumulate on the surface. The grade above and next to the leaching facility shall have a minimum 2% slope.
- Cover material shall be free of large stones, stumps, frozen clumps of earth, masonry or construction waste material. Machinery that may crush or disturb the alignment of pipe in the disposal system area shall not be allowed on any part of the disposal area.
- All stone shall be free of iron, fines and dust, and must have less than 0.2% material finer than a #200 sieve as determined by AASHTO test methods T-11 and T-27.
- Fill material for systems constructed in fill shall consist of select on-site or imported soil material. The fill shall be comprised of clean granular sand, free from organic matter and deleterious substances. Mixtures and layers of different classes of soil shall not be used. The fill shall not contain any material larger than 2 inches. A sieve analysis report must be obtained by the installer to demonstrate that the fill material complies with 310 CMR 15.255(3). The Board of Health may require a minimum of one representative sample be taken from the in place fill and tested for compliance with the grain size distribution specifications.
- Should conditions be encountered onsite which require modification to the approved plan, the installer shall contact the Designer for instructions.
- The installer may make minor changes in orientation to avoid large obstacles that include but are not limited to boulders, trees, walls, fences, sheds, and pavement. It is the intent of this design to locate the leaching facility in the general area of the test holes. Minimum offsets from foundations, property lines, wells, and wetlands shall be maintained at all times.
- The owner shall be responsible for ascertaining the location of all property lines. A professional instrument survey was not performed. If proximity of the system to property lines are critical or if the location of a property line is in question, an instrument survey should be performed by a Professional Land Surveyor. This plan is designed for the purpose of installing a septic system only. The Designer is not responsible for any subsurface structures not accurately depicted on the plan.
- All existing elevations must be verified prior to installing any system components.
- The system IS NOT SIZED according to Title 5 to accommodate a GARBAGE DISPOSAL.
- All construction shall conform to 310 CMR 15.000 and Local Board of Health Regulations.
- All system components must be marked with a magnetic tape prior to backfilling.

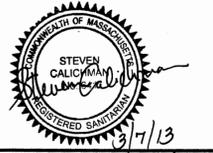
Design Calculations

Type of Establishment	Dwelling
System Required	
Number of Bedrooms:	4 BR
Design Flow:	440 GPD
Septic Tank:	1500 Gallons
System Area:	830 sqft
System Provided	
Number of Bedrooms:	4
Septic Tank Capacity:	1500 gal
System Area:	857 sqft
System Capacity:	440 GPD
Soil Classification:	II
LTAR:	0.53 GPD/sqft
Cultec Area	16 Units x 8' Long x 6.7 sqft/lf = 857.6 sqft

Proposed Elevations

Bench Mark:	100.00 Porch Slab
Building Sewer:	98.60
Septic Tank Inlet:	98.00
Outlet:	97.75
D-Box In:	96.17
D-Box Out:	96.00
Chamber Inlet:	95.90
Bottom Chamber:	95.65
ESHGW:	89.14
F.G. over SAS:	99.35max

- Wetlands within 100' of the proposed leaching facility have been identified.
- There are no Private wells within 200' of the system.
- The proposed system will be located in Acton's Aquifer Protection Zone 3. A 4' separation to ESHGW is provided.
- This site is not in the 100 year flood plain.



Soil Logs

DTH-1	
0"	96.60
Fill	
70"	90.77
Ap	
SL 10yr3/2	90.10
78"	
B	
SL 10yr5/6	ESHGW 86.60
84"	
C-2	
SL 2.5y 6/4	
120"	86.60

Percolation Test	
Test #	Rate
1	20 mpi

Soil evaluation conducted by Richard Dolan SE
 Witnessed by Evan, Acton BoH
 I certify that I am currently approved by MADEP pursuant to 310 CMR 15.017 to conduct soil evaluations. Soil Evaluator # 591 exp Oct 2013

ABC Cesspool Inc.
 292 High Street
 Acton, MA 01720
 (978)263-5802

Proposed Septic System
 19 Musket Dr
 Acton, MA 01720

Project	19musket_act	Sheet	1
Date	1/22/13		
Scale	1" = 20'		

From: CERO_NOI@MassMail.state.ma.us
To: dicksludge@aol.com
Cc: ceronoi@state.ma.us; [Conservation Commission](#); ceronoi@state.ma.us
Subject: MassDEP NOI File Number
Date: Monday, March 25, 2013 2:43:04 PM

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL REGIONAL OFFICE
627 MAIN STREET, WORCESTER, MA 01608 508-792-7650

Date: 03/25/2013

Municipality ACTON

RE: NOTIFICATION OF WETLANDS PROTECTION ACT FILE NUMBER

The Department of Environmental Protection has received a Notice of Intent filed in accordance with the Wetlands Protection Act (M.G.L. c. 131, §40):

Applicant ABC CESSPOOL CO., INC. Address 292 HIGH STREET, ACTON MA 01720 Locus 19 MUSKET DRIVE , ACTON MA 01720	Owner Address
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This project has been assigned the following file # : **CE 085-1114**
ISSUANCE OF A FILE NUMBER INDICATES ONLY COMPLETENESS OF
SUBMITTAL, NOT APPROVAL OF APPLICATION

Although a file # is being issued, please note the following:

Regards,
for MassDEP,

(508)-767-2713
Gary.Dulmaine@State.MA.US