

# NOTICE OF INTENT

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468 Ipswich Road  
& Town Right of Way  
Boxford, Massachusetts

October 20, 2022

**Applicant:**

Nasser Abu-Eid  
Pen Fuel Company, Inc.  
18 Lark Avenue  
Saugus, MA 01906

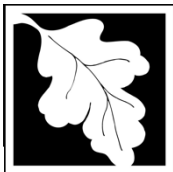
**Prepared By:**

Williams & Sparages LLC  
189 North Main Street, Suite 101  
Middleton, MA 01949  
Ph: 978-539-8088  
Fax: 978-539-8200  
[www.wsengineers.com](http://www.wsengineers.com)

**W&S Project No:**

BOXF-0121





**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands

**WPA Form 3 – Notice of Intent**

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

Provided by MassDEP:

MassDEP File Number
Document Transaction Number
Boxford
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):

<u>468 Ipswich Road &amp; Town Right of Way</u>	<u>Boxford</u>	<u>01921</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	<u>42.69794</u>	<u>-71.04503</u>
	d. Latitude	e. Longitude
<u>13</u>	<u>2-2</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Nasser</u>	<u>Abu-Eid</u>	
a. First Name	b. Last Name	
<u>Pen Fuel Company, Inc.</u>		
c. Organization		
<u>18 Lark Ave</u>		
d. Street Address		
<u>Saugus</u>	<u>MA</u>	<u>01906</u>
e. City/Town	f. State	g. Zip Code
<u>781-246-0201</u>		
h. Phone Number	i. Fax Number	j. Email Address

3. Property owner (required if different from applicant):  Check if more than one owner

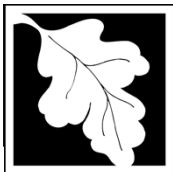
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Greg J.</u>	<u>Hochmuth</u>	
a. First Name	b. Last Name	
<u>Williams &amp; Sparages LLC</u>		
c. Company		
<u>189 North Main Street, Suite 101</u>		
d. Street Address		
<u>Middleton</u>	<u>MA</u>	<u>01949</u>
e. City/Town	f. State	g. Zip Code
<u>978-539-8088</u>	<u>978-539-8200</u>	<u>ghochmuth@wsengineers.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$1,450.00</u>	<u>\$712.50</u>	<u>\$737.50</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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## A. General Information (continued)

6. General Project Description:

To restore Bordering Vegetated Wetlands and Buffer Zone impacted during a truck accident.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1.  Single Family Home
- 2.  Residential Subdivision
- 3.  Commercial/Industrial
- 4.  Dock/Pier
- 5.  Utilities
- 6.  Coastal engineering Structure
- 7.  Agriculture (e.g., cranberries, forestry)
- 8.  Transportation
- 9.  Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration 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. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

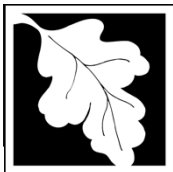
8. Property recorded at the Registry of Deeds for:

Essex	
a. County	b. Certificate # (if registered land)
32021	369
c. Book	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.



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

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. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	400+/- (temporary impact) 1. square feet	400+/- 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
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) - <b>specify coastal or inland</b>	

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.
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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)

**Note:** for coastal riverfront areas, please complete **Section B.2.f.** above.



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

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.

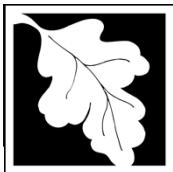
<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	
	_____	
	2. cubic yards dredged	
c. <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
	<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.  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.  Project Involves Stream Crossings

_____	_____
a. number of new stream crossings	b. number of replacement stream crossings



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## C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

### Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- 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 [http://maps.massgis.state.ma.us/PRI\\_EST\\_HAB/viewer.htm](http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm).

- 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  
1 Rabbit Hill Road  
Westborough, MA 01581**

- 8/2021  
b. Date of map

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.2.f, 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).*

- c. Submit Supplemental Information for Endangered Species Review\*

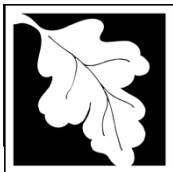
- Percentage/acreage of property to be altered:
  - (a) within wetland Resource Area \_\_\_\_\_ percentage/acreage
  - (b) outside Resource Area \_\_\_\_\_ percentage/acreage
- Assessor's Map or right-of-way plan of site

- 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

\* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/endangered-species-act-mesa-regulatory-review>).

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)

(c)  MESA filing fee (fee information available at <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

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

(f) 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, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; 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 \_\_\_\_\_

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

3. 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, hand delivery, or electronic delivery of NOI to either:

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

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -  
Southeast Marine Fisheries Station  
Attn: Environmental Reviewer  
836 South Rodney French Blvd.  
New Bedford, MA 02744  
Email: [dmf.envreview-south@mass.gov](mailto:dmf.envreview-south@mass.gov)

Division of Marine Fisheries -  
North Shore Office  
Attn: Environmental Reviewer  
30 Emerson Avenue  
Gloucester, MA 01930  
Email: [dmf.envreview-north@mass.gov](mailto:dmf.envreview-north@mass.gov)

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.

c.  Is this an aquaculture project?      d.  Yes     No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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

4. 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
5. 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
6. 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
7. 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
  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**

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

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.

**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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## D. Additional Information (cont'd)

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.

### Plan to Accompany a Notice of Intent

a. Plan Title

Williams & Sparages LLC

Richard L. Williams

b. Prepared By

c. Signed and Stamped by

October 24, 2022

1" = 20'

d. Final Revision Date

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.

## 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:

6496

2. Municipal Check Number

10/13/2022

3. Check date

6497

4. State Check Number

10/13/2022

5. Check date

CarriageHouse Consulting, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name

6495

**CARRIAGEHOUSE CONSULTING, INC.**

www.CarriageHouseInfo.com  
8 Pleasant Street  
South Natick, MA 01760  
(508) 315-3146



5-7017/2110

10/13/2022

PAY TO THE ORDER OF Town of Boxford

\$\*\*4,237.50

Four Thousand Two Hundred Thirty-Seven and 50/100\*\*\*\*\*

DOLLARS

Town of Boxford  
7 Spofford Road  
Boxford, MA 01921

CarriageHouse Consulting, Inc.

AUTHORIZED SIGNATURE

MEMO Town Wetlands ByLaw Filing Fee

⑈006495⑈ ⑆211070175⑆ 1134935355⑈

Security features. Details on back.

6497

**CARRIAGEHOUSE CONSULTING, INC.**

www.CarriageHouseInfo.com  
8 Pleasant Street  
South Natick, MA 01760  
(508) 315-3146



5-7017/2110

10/13/2022

PAY TO THE ORDER OF Commonwealth of Massachusetts

\$\*712.50

Seven Hundred Twelve and 50/100\*\*\*\*\*

DOLLARS

Comm. of Massachusetts

CarriageHouse Consulting, Inc.

AUTHORIZED SIGNATURE

MEMO State Portion of State Wetland Filing Fee

⑈006497⑈ ⑆211070175⑆ 1134935355⑈

Security features. Details on back.

6496

**CARRIAGEHOUSE CONSULTING, INC.**

www.CarriageHouseInfo.com  
8 Pleasant Street  
South Natick, MA 01760  
(508) 315-3146



5-7017/2110

10/13/2022

PAY TO THE ORDER OF Town of Boxford

\$\*757.50

Seven Hundred Fifty-Seven and 50/100\*\*\*\*\*

DOLLARS

Town of Boxford  
7 Spofford Road  
Boxford, MA 01921

CarriageHouse Consulting, Inc.

AUTHORIZED SIGNATURE

MEMO Town Portion of State Wetland Filing Fee

⑈006496⑈ ⑆211070175⑆ 1134935355⑈

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## 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.

1. Signature of Applicant

*[Handwritten Signature]*

2. Date

10/24/22

3. Signature of Property Owner (if differ

*[Handwritten Signature]*

4. Date

10/25/2022

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.



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1. Signature of Applicant

*Warren and Janet James*

3. Signature of Property Owner (if different)

*[Signature]*

5. Signature of Representative (if any)

2. Date

*10/18/2022*

4. Date

*10/24/2022*

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.

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#### 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.

1. Signature of Applicant

2. Date

10/25/2022

3. Signature of Property Owner (if different)

4. Date

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:

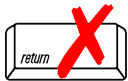
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

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>468 Ipswich Road &amp; Town Right of Way</u>	<u>Boxford</u>
a. Street Address	b. City/Town
<u>6497</u>	<u>\$712.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Nasser</u>	<u>Abu-Eid</u>	
a. First Name	b. Last Name	
<u>PEN Fuel Company, Inc.</u>		
c. Organization		
<u>18 Lark Avenue</u>		
d. Mailing Address		
<u>Saugus</u>	<u>MA</u>	<u>01906</u>
e. City/Town	f. State	g. Zip Code
<u>781-246-0201</u>	<u></u>	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

<u>James</u>	<u>Warren</u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u>468 Washington Street</u>		
d. Mailing Address		
<u>Boxford</u>	<u>MA</u>	<u>01921</u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	
h. Phone Number	i. Fax Number	j. Email Address

**B. Fees**

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.

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

**B. Fees** (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 4g.	1	\$1,450.00	\$1,450.00
Boxford Bylaw Fee:			
Category 4.	1	\$3,975.00	\$3,975.00
230 l.f. of Wetlands		\$100.00	\$100.00
325 s.f. Wetland Alteration		\$162.50	\$162.50
			\$4,237.50
<b>Step 5/Total Project Fee:</b>			
<b>Step 6/Fee Payments:</b>			
	Total Project Fee:	\$1,450.00	a. Total Fee from Step 5
	State share of filing Fee:	\$712.50	b. 1/2 Total Fee <b>less</b> \$12.50
	City/Town share of filing Fee:	\$737.50	c. 1/2 Total Fee <b>plus</b> \$12.50

**C. Submittal Requirements**

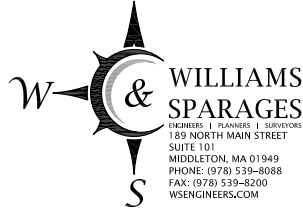
- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection  
 Box 4062  
 Boston, MA 02211

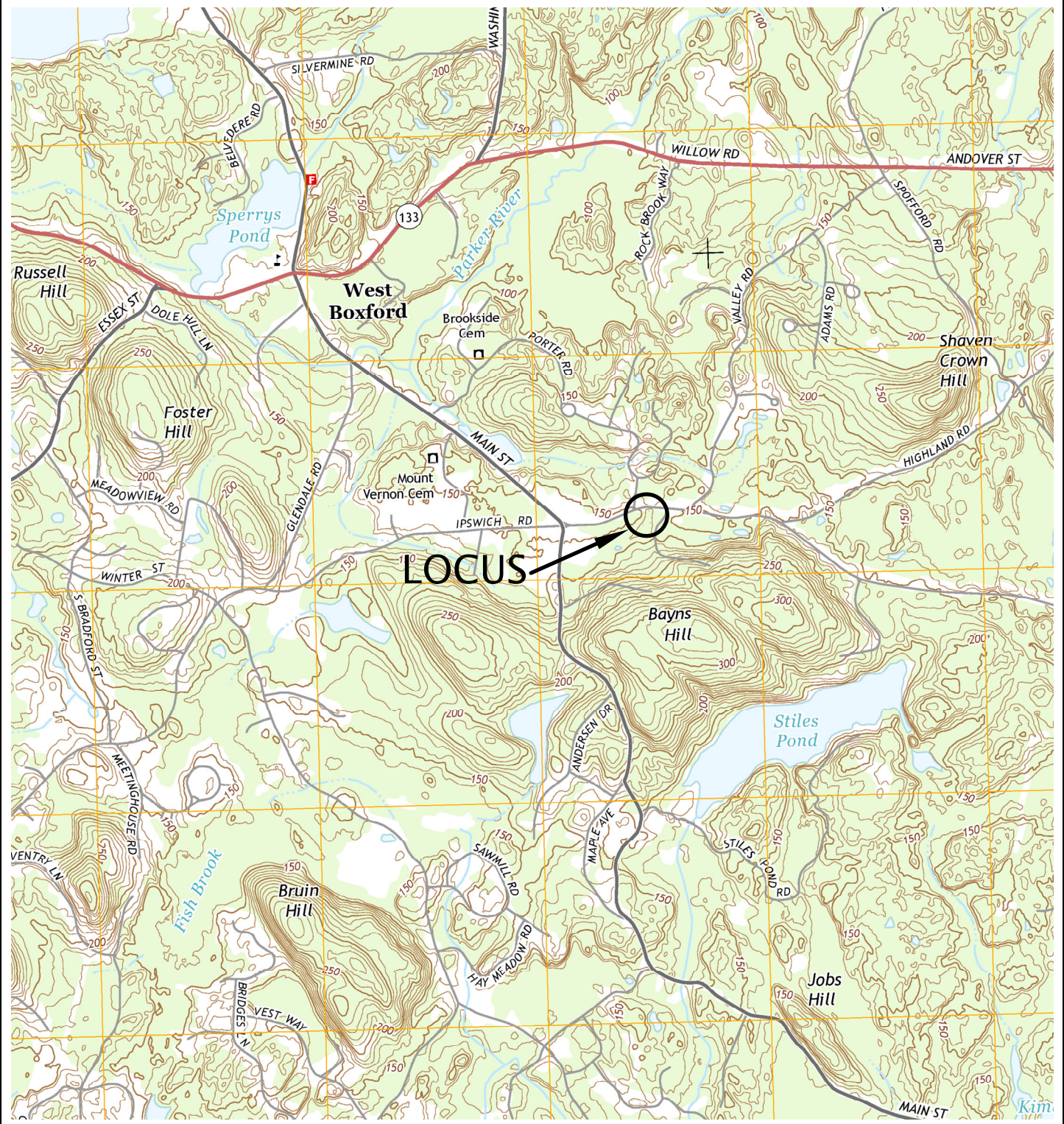
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

**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.)

WILLIAMS & SPARGES  
CIVIL ENGINEERING &  
LAND SURVEYORS



189 NORTH MAIN STREET  
SUITE 101  
MIDDLETON, MA 01949  
PHONE: (978) 539-8088  
FAX: (978) 539-8200



UNITED STATES GEOLOGIC SURVEY MAP  
SOUTH GROVELAND, MASS QUAD  
SCALE: 1:25,000 (metric contours)

LOCUS MAP  
468 IPSWICH ROAD  
BOXFORD, MA 01921





## **Introduction:**

The following information was taken from the Immediate Response Action (IRA) Plan prepared by CarriageHouse Consulting, Inc., (CHC) RTN 3-37579. CHC is the licensed site professional working on the project.

On the morning of Saturday, July 9, 2022, at approximately 6:45 am, a PEN Fuel Co. tractor trailer traveling west on Ipswich Road rolled over and hit a utility pole on the southern side of Ipswich Road. The tractor trailer was hauling a full load of approximately 5,800 gallons of gasoline.

Notification of these conditions was provided to the Massachusetts Department of Environmental Protection (MassDEP) at 7:37 am on July 9, 2022 by the Town of Boxford Fire Department and resulted in the assignment of RTN 3-37579.

Preliminary response actions directed by the Town of Boxford Fire Department at the tractor trailer accident site included the deployment of approximately 30 gallons of aqueous film forming foam (AFFF). Fire Department records indicate it likely was FireAde 2000 AFFF manufactured by Fire Service Plus, Inc. of Fayetteville, Georgia circa 2009. The Lot number (#L172009-SA-F6) was provided to the manufacturer and they confirmed that the concentrate likely contained approximately 1 percent C8 fluorinated surfactant.

Following the removal of the tractor trailer, preliminary inspection of the vehicle accident site indicated that neither gasoline from the trailer nor diesel fuel from the saddle tanks was released to the environment. The inspection did confirm a relatively small quantity of motor oil and grease from the tractor trailer engine block had been released to the ground surface in a localized area near the base of the damaged telephone pole.

Personnel from Coady's Towing and PEN Fuel Co. successfully cut two (2) holes in the side of the overturned tanker using non-sparking tools to allow access to each compartment with a drop tube to pump the gasoline out of the tanker compartments. The fuel was transferred to another PEN Fuel Co. tanker truck and removed from study area without incident. A reconciliation of the volume of the fuel removed the overturned tanker compared to the volume of fuel that had been manifested within the tanker indicated that no gasoline was reportedly lost from the overturned tanker into the environment during this incident.

National Grid then cut the utility pole and temporarily suspended the pole to allow for the extrication of the overturned truck. National Grid ultimately replaced the utility



pole with a new pole on the evening of July 9, 2022. The tanker truck was righted by Coady's Towing and was inspected by DOT personnel before being towed from the site, at which time a small quantity of motor oil was noted on the surface of the roadway. This incidental oil was also contained and recovered using hand tools and adsorbent materials (e.g., Speedy Dry). Recovered adsorbents and impacted surface soil were containerized in three (3) 55-gallon capacity steel drums.

CHCI mobilized to the site on July 11, 2022 to assess site conditions and begin remediation activities, which included excavation and sampling of the impacted soil. Due to proximity to protected wetlands, these activities were completed under a duly-executed WPA Emergency Certification Form. During excavation activities which were completed on July 11 and 12, 2022, CHCI was present on-site to document soil conditions during ground intrusive activities in accordance with Department Guidance Documents and Policy. The excavation activities were conducted by US Ecology utilizing a CAT Model 4022 mini excavator to remove soils from the sloped embankment along the southern side of the Ipswich Road right-of-way.

During selective excavation work, soil samples were collected on nearly a continuous basis for both field screening and potential laboratory analyses. Excavated soils were subject to segregation based on visual, olfactory, and field screening indications of petroleum or AFFF impact. The excavated area was extended vertically to depths of approximately 6 inches below grade and horizontally until no readily-apparent indications of impact were observed.

Soils that were considered to be remediation waste were put in roll-off containers to be taken off site to the Town of Boxford Department of Public Works (DPW) yard with the consent of the DPW representative and the Town Administrator. The area of excavation was then covered in plastic sheeting and weighted down by tires. Straw waddles were installed along the perimeter to prevent erosion. On July 19, 2022, additional erosion control measures were also approved and deployed in the area to maintain slope stability as requested by the Town of Boxford Conservation Commission Agent.

The accident resulted in alteration to Bordering Vegetated Wetlands (BVW) on 468 Ipswich Road and alteration to BVW and buffer zone within the right of way to Ipswich Road.

According to the NRCS Web Soil Survey, the soils on the subject lot are mapped as (253B), Hinckley loamy sand, and (51A), Swansea muck.



According to the current Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program (NHESP) Atlas, the property is NOT mapped as Priority Habit of Rare Species or Estimated Habitats of Rare Wildlife, nor is the property mapped as an Area of Critical Environmental Concern (ACEC).

### **Proposed Activities:**

Approximately 400 s.f. of BVW was altered as a result of the accident. The applicant proposes to restore the altered BVW as well as the altered buffer zone. The attached permit site plan includes a detailed restoration methodology:

### **Restoration Methodology:**

1. Erosion controls shall be installed in the locations shown in the plan view. It is important to note that erosion controls are proposed above and around the entire restoration area.
2. The slope leading down to the BVW shall be covered with riprap to the BVW boundary.
3. The riprap surface shall be covered with 8-12 inches of loam and then be seeded with New England Erosion Control/Restoration Mix for dry sites at an application rate of 1,250 s.f. per pound.
4. Following the seeding effort, the slope shall be covered with a straw erosion control blanket to hold the slope while the seed mix germinates. Use North American Green DS150, or equal.
5. The temporary plastic sheeting, burlap, and tires shall be removed from the BVW. The burlap covering the slope above the BVW shall remain.
6. The surface of the wetland restoration area shall be excavated, under the direction of a Professional Wetland Scientist (PWS), to remove any sediment and debris that may have eroded into the BVW. The goal is to remove sediment and to scarify the surface to prepare it for soil amendments.
7. Soil amendments shall be added to the restoration area, to bring the finish grade up to the elevation of the surrounding BVW that was not impacted. A mixture of equal volumes of organic and mineral materials shall be deposited into the restoration area until the proposed finish grade is achieved. The soil amendments shall be uncontaminated and should not include any woodchips. Clean leaf compost is the preferred soil amendment to achieve this standard. Mineral materials should be predominantly in the loam, loamy sand to silt loam texture range, with minimal quantities of gravel or rock. To ensure proper hydrology is achieved, this work shall be done under the direction of a PWS.



8. Once proper hydrology is achieved and the soil amendments have been added, the area shall be planted with the species specified using hand tools under the direction of a PWS. Species shall be acquired from a nursery specializing in the propagation of wetland plants.
9. Following the planting effort, the area shall be scarified using a steel rake and then seeded with the specified seed mix at the specified application rate. Note: the recommended application rate has been doubled to achieve proper coverage and stabilization.
10. Following the planting effort, at least 75% of the surface of the replacement area must be re-established with indigenous wetland plants species within two (2) growing seasons. Monitoring will occur during this period and species shall be replaced under the direction of a PWS until at least 75% coverage is achieved. If at the end of the second complete growing season proper coverage is not achieved, monitoring shall continue until proper coverage is achieved. During the monitoring period invasive species shall be removed by hand pulling and be removed from the site.

#### **Jurisdictional Wetland Resource Areas:**

**Bordering Vegetated Wetlands:** The Bordering Vegetated Wetlands (BVW) were delineated on the subject property by Greg Hochmuth, PWS, CWS from Williams & Sparages LLC on August, 2022, (see attached wetland field data forms). The BVW borders on an intermittent stream that flows into a culvert and under Ipswich Road in a northerly direction.

No BVW is proposed to be altered as a result of this application.

#### **Erosion Controls:**

Erosion controls in the form of a 12-inch diameter mulch sock, and trenched silt fence are proposed during the project, and are proposed to remain in place until all areas within the buffer zone are stabilized, and permission is granted for their removal from the Boxford Conservation Commission, and/or it's director.

# MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: PEN Fuel Company Prepared by: Greg Hochmuth Project location: 468 Ipswich Road, Boxford, MA DEP File #: \_\_\_\_\_

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

## Section I.

Vegetation	Observation Plot Number: WFA-10 Up		Transect Number: WFA-10 Upland	Date of Delineation: 8/2/2022
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Tree</u>				
Red Maple – <i>Acer rubrum</i>	20%	28%	YES	FAC*
Red Oak – <i>Quercus rubra</i>	50%	71%	YES	FACU-
<u>Shrubs</u>				
White Pine – <i>Pinus strobus</i>	20%	33%	YES	FACU-
Highbush Blueberry – <i>Vaccinium corymbosum</i>	20%	33%	YES	FACW-*
Spicebush – <i>Lindera benzoin</i>	10%	16%	NO	FACW-
Arrowwood – <i>Viburnum dentatum</i>	10%	16%	NO	FAC
<u>Ground Cover</u>				
Cinnamon Fern – <i>Osmunda cinnamomea</i>	10%	40%	YES	FACW*
Canada Mayflower – <i>Maianthemum canadense</i>	15%	60%	YES	FAC-

\* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c. 131, s. 40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

## Vegetation conclusion

Number of dominant wetland indicator plants: 3

Number of dominant non-wetland indicator plants: 3

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

## Section II. Indicators of Hydrology

### Hydric Soil Interpretation

#### 1. Soil Survey

Is there a published soil survey for this site? Yes

title/date: NRCS Web Soil Survey

map number: 253B

soil type mapped: — Hincley loamy sand

hydric soil inclusions: No

Are field observations consistent with soil survey? Yes

#### 2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
A	0-8	10YR3/2	-
Bw	8-18+	7.5YR5/6	-

Remarks:

#### 3. Other:

Conclusion: Is soil hydric? No

#### Other Indicators of Hydrology: (check all that apply & describe)

- Site Inundated: \_\_\_\_\_
- Depth to free water in observation hole: \_\_\_\_\_
- Depth to soil saturation in observation hole: \_\_\_\_\_
- Water marks: \_\_\_\_\_
- Drift lines: \_\_\_\_\_
- Sediment Deposits: \_\_\_\_\_
- Drainage patterns in BVW: \_\_\_\_\_
- Oxidized rhizospheres: \_\_\_\_\_
- Water-stained leaves: \_\_\_\_\_
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Other: \_\_\_\_\_

#### Vegetation and Hydrology Conclusion

Number of wetland indicator plants  
≥ # of non-wetland indicator plants

Yes No

— X—

#### Wetland hydrology present:

Hydric soil present

— X—

Other indicators of hydrology present

— X—

#### Sample location is in a BWV

— X—

Submit this form with the Request for Determination of Applicability or Notice of Intent.

# MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: PEN Fuel Company Prepared by: Greg Hochmuth Project location: 468 Ipswich Road, Boxford, MA DEP File #: \_\_\_\_\_

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

## Section I.

Vegetation	Observation Plot Number: WFA-10 Wet		Transect Number: WFA-10 Wetland	Date of Delineation: 8/2/2022
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Tree</u>				
Red Maple – <i>Acer rubrum</i>	40%	57%	YES	FAC*
Red Oak – <i>Quercus rubra</i>	30%	42%	YES	FACU-
<u>Shrubs</u>				
Red Maple – <i>Acer rubrum</i>	20%	19%	YES	FAC*
White Pine – <i>Pinus strobus</i>	15%	14%	NO	FACU-
Highbush Blueberry – <i>Vaccinium corymbosum</i>	20%	19%	YES	FACW-*
Spicebush – <i>Lindera benzoin</i>	10%	9%	NO	FACW-
Arrowwood – <i>Viburnum dentatum</i>	10%	9%	NO	FAC
Winterberry – <i>Ilex verticillata</i>	30%	28%	YES	FACW+*
<u>Ground Cover</u>				
Royal Fern – <i>Osmunda regalis</i>	15%	27%	YES	OBL*
Skunk Cabbage – <i>Symplocarpus foetidus</i>	10%	18%	NO	OBL
Cinnamon Fern – <i>Osmunda cinnamomea</i>	25%	45%	YES	FACW*
Canada Mayflower – <i>Maianthemum canadense</i>	5%	9%	NO	FAC-

\* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

## Vegetation conclusion

Number of dominant wetland indicator plants: 6

Number of dominant non-wetland indicator plants: 1

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

## Section II. Indicators of Hydrology

### Hydric Soil Interpretation

#### 1. Soil Survey

Is there a published soil survey for this site? Yes

title/date: NRCS Web Soil Survey

map number: 51A

soil type mapped: – Swansea muck

hydric soil inclusions: Yes

Are field observations consistent with soil survey? Yes

#### 2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	4-0	2.5Y2.5/1	-
C	0-18+	5Y5/2	5YR5/8

Remarks:

#### 3. Other:

Conclusion: Is soil hydric? Yes

#### Other Indicators of Hydrology: (check all that apply & describe)

- Site Inundated: \_\_\_\_\_
- Depth to free water in observation hole: \_\_\_\_\_
- Depth to soil saturation in observation hole: \_\_\_\_\_
- Water marks: Water marks on rocks and logs
- Drift lines: \_\_\_\_\_
- Sediment Deposits: \_\_\_\_\_
- Drainage patterns in BVW: \_\_\_\_\_
- Oxidized rhizospheres: \_\_\_\_\_
- Water-stained leaves: \_\_\_\_\_
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Other: \_\_\_\_\_

#### Vegetation and Hydrology Conclusion

Number of wetland indicator plants  
≥ # of non-wetland indicator plants

Yes No

X

#### Wetland hydrology present:

Hydric soil present

X

Other indicators of hydrology present

X

#### Sample location is in a BWV

X

Submit this form with the Request for Determination of Applicability or Notice of Intent.





**ROLLMAX™**  
ROLLED EROSION CONTROL

## Specification Sheet EroNet™ DS150™ Erosion Control Blanket

### DESCRIPTION

The ultra short-term double net erosion control blanket shall be a machine-produced mat of 100% agricultural straw with a functional longevity of up to 2 months. (NOTE: functional longevity may vary depending upon climatic conditions, soil, geographical location, and elevation). The blanket shall be of consistent thickness with the straw evenly distributed over the entire area of the mat. The blanket shall be covered on the top and bottom sides with a polypropylene netting having an approximate 0.50 x 0.50 (1.27 x 1.27 cm) mesh with photodegradable accelerators to provide breakdown of the netting within approximately 60 days, depending upon geographical location and elevation. The blanket shall be sewn together on 1.50 inch (3.81 cm) centers with degradable thread. The blanket shall be manufactured with a colored thread stitched along both outer edges (approximately 2-5 inches [5-12.5 cm] from the edge) as an overlap guide for adjacent mats.

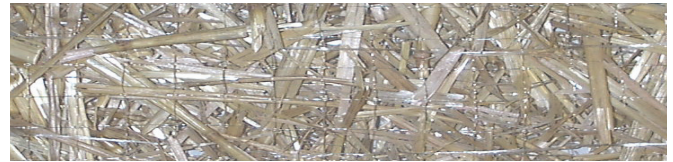
The DS150 shall meet Type 1.D specification requirements established by the Erosion Control Technology Council (ECTC) and Federal Highway Administration's (FHWA) FP-03 Section 713.17

### Material Content

<b>Matrix</b>	100% Straw Fiber	0.5 lbs/sq yd (0.27 kg/sm)
<b>Netting</b>	Top and bottom nets, lightweight photodegradable with photo accelerators	1.5 lb/1000 sq ft (0.73 g/sm)
<b>Thread</b>	Degradable	

### Standard Roll Sizes

<b>Width</b>	6.67 (2.03 m)	8.0 ft (2.4 m)	16 ft (4.87 m)
<b>Length</b>	108 ft (32.92 m)	112 ft (34.14 m)	112 ft (34.14 m)
<b>Weight ± 10%</b>	40 lbs (18.14 kg)	50 lbs (22.68 kg)	100 lbs (45.36 kg)
<b>Area</b>	80 sq yd (66.9 sm)	100 sq yd (83.61 sm)	200 sq yd (167.22 sm)



Index Property	Test Method	Typical
<b>Thickness</b>	ASTM D6525	0.35 in. (8.89 mm)
<b>Resiliency</b>	ECTC Guidelines	80.5%
<b>Water Absorbency</b>	ASTM D1117	423%
<b>Mass/Unit Area</b>	ASTM 6475	9.25 oz/sy (314.5 g/sm)
<b>Swell</b>	ECTC Guidelines	15%
<b>Smolder Resistance</b>	ECTC Guidelines	Yes
<b>Stiffness</b>	ASTM D1388	6.06 oz-in
<b>Light Penetration</b>	ASTM D6567	5.6%
<b>Tensile Strength - MD</b>	ASTM D6818	201.6 lbs/ft (2.99 kN/m)
<b>Elongation - MD</b>	ASTM D6818	28.9%
<b>Tensile Strength - TD</b>	ASTM D6818	72.0 lbs/ft (1.07 kN/m)
<b>Elongation - TD</b>	ASTM D6818	27.7%
<b>Biomass Improvement</b>	ASTM 7322	283%

### Design Permissible Shear Stress

<b>Unvegetated Shear Stress</b>	1.75 psf (84 Pa)
<b>Unvegetated Velocity</b>	6.00 fps (1.83 m/s)

### Slope Design Data: C Factors

Slope Length (L)	Slope Gradients (S)		
	≤ 3:1	3:1 - 2:1	≥ 2:1
≤ 20 ft (6 m)	0.004	0.106	N/A
20-50 ft	0.062	0.118	N/A
≥ 50 ft (15.2 m)	0.12	0.180	N/A

### Roughness Coefficients - Unveg.

Flow Depth	Manning's n
≤ 0.50 ft (0.15 m)	0.055
0.50 - 2.0 ft	0.055-0.021
≥ 2.0 ft (0.60 m)	0.021



Western Green  
4609 E. Boonville-New Harmony Rd.  
Evansville, IN 47725

nagreen.com  
800-772-2040

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EC\_RM\_X\_MPDS\_DS150\_1.19

# **NEW ENGLAND WETLAND PLANTS, INC**

820 WEST STREET, AMHERST, MA 01002

PHONE: 413-548-8000 FAX 413-549-4000

EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

## **New England Erosion Control/Restoration Mix for Dry Sites**

<b>Botanical Name</b>	<b>Common Name</b>	<b>Indicator</b>
<i>Elymus canadensis</i>	Canada Wild Rye	FACU+
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Lolium multiflorum</i>	Annual Ryegrass	
<i>Lolium perenne</i>	Perrenial Ryegrass	
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Sorghastrum nutans</i>	Indian Grass	UPL

PRICE PER LB. \$18.00 MIN. QUANTITY 5 LBS. **TOTAL:** \$90.00 APPLY: 35 LBS/ACRE :1250 sq ft/lb

The New England Erosion Control/Restoration Mix For Dry Sites provides an appropriate selection of native and naturalized grasses to ensure that dry and recently disturbed sites will be quickly revegetated and the soil surface stabilized. It is an appropriate seed mix for road cuts, pipelines, steeper slopes, and areas requiring quick cover during the ecological restoration process. The mix may be applied by hydro-seeding, by mechanical spreader, or on small sites it can be spread by hand. Lightly rake, or roll to ensure proper soil-seed contact. Best results are obtained with a Spring or late Summer seeding. Late Spring through Mid-Summer seeding will benefit from a light mulching of weed-free straw to conserve moisture. If conditions are drier than usual, watering will be required. Fertilization is not required unless the soils are particularly infertile. Preparation of a clean weed free seed bed is necessary for optimal results.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.

# **NEW ENGLAND WETLAND PLANTS, INC**

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EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

## **New England Wetmix (Wetland Seed Mix)**

<b>Botanical Name</b>	<b>Common Name</b>	<b>Indicator</b>
<i>Carex vulpinoidea</i>	Fox Sedge	OBL
<i>Carex scoparia</i>	Blunt Broom Sedge	FACW
<i>Carex lurida</i>	Lurid Sedge	OBL
<i>Carex lupulina</i>	Hop Sedge	OBL
<i>Poa palustris</i>	Fowl Bluegrass	FACW
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Scirpus atrovirens</i>	Green Bulrush	OBL
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL
<i>Carex crinita</i>	Fringed Sedge	OBL
<i>Vernonia noveboracensis</i>	New York Ironweed	FACW+
<i>Juncus effusus</i>	Soft Rush	FACW+
<i>Aster lateriflorus (Symphyotrichum lateriflorum)</i>	Starved/Calico Aster	FACW
<i>Iris versicolor</i>	Blue Flag	OBL
<i>Glyceria grandis</i>	American Mannagrass	OBL
<i>Mimulus ringens</i>	Square Stemmed Monkey Flower	OBL
<i>Eupatorium maculatum (Eutrochium maculatum)</i>	Spotted Joe Pye Weed	OBL

PRICE PER LB. \$135.00 MIN. QUANTITY 1 LBS. TOTAL: \$135.00 APPLY: 18 LBS/ACRE :2500 sq ft/lb

The New England Wetmix (Wetland Seed Mix) contains a wide variety of native seeds that are suitable for most wetland restoration sites that are not permanently flooded. All species are best suited to moist ground as found in most wet meadows, scrub shrub, or forested wetland restoration areas. The mix is well suited for detention basin borders and the bottom of detention basins not generally under standing water. The seeds will not germinate under inundated conditions. If planted during the fall months the seed mix will germinate the following spring. During the first season of growth several species will produce seeds while other species will produce seeds after the second growing season. Not all species will grow in all wetland situations. This mix is comprised of the wetland species most likely to grow in created/restored wetlands and should produce more than 75% ground cover in two full growing seasons.

The wetland seeds in this mix can be sown by hand, with a hand-held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed-to-soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act & Boxford Wetlands  
Protection Regulations

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

I, Gregory J. Hochmuth, hereby certify under the pains and penalties of perjury  
that on October 26, 2022 I gave notification to abutters in compliance with the  
second paragraph of Massachusetts General Law 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 was filed under the Massachusetts Wetlands Protection Act by  
Nasser Abu-Eid, Pen Fuel Company, Inc., with the Town of Boxford  
Conservation Commission on October 25, 2022 for property located at 468  
Ipswich Road (Map 13, Block 2, Parcel 2), and a portion of the Town of Boxford's  
right of way on Ipswich Road.

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.

  
\_\_\_\_\_  
Name

10/25/2022  
\_\_\_\_\_  
Date



13-2-2 - 468 IPSWICH RD, BOXFORD ABUTTERS LIST  
 CONSERVATION COMMISSION 250'

Parcel ID	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
13-02-01	474 IPSWICH RD	MORRIS LAWRENCE B III AND MORRIS ELIZABETH M TR	MORRIS FAMILY INVESTMENT TRUST	474 IPSWICH RD	BOXFORD	MA	01921
13-02-01-1	IPSWICH RD & MAIN	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
13-02-11	105 PORTER RD	PIAZZA JOHN L.		105 PORTER RD	BOXFORD	MA	01921
13-02-11-1	103 PORTER RD	WESTIE GILES M	WESTIE BROOKE	103 PORTER RD	BOXFORD	MA	01921
13-02-02	468 IPSWICH RD	JAMES JANET	JAMES WARREN	468 IPSWICH RD	BOXFORD	MA	01921
13-02-02-1	IPSWICH RD	BTA/BOLT INC		P O BOX 95	BOXFORD	MA	01921
13-02-03	12A MULBERRY LN	LORD KATHRYN M TRUSTEE		12A MULBERRY LN	BOXFORD	MA	01921
13-02-03-6	11 MULBERRY LN	WHITE MEREDITH A		11 MULBERRY LN	BOXFORD	MA	01921
13-02-03-7	PARA IPSWICH RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
13-02-04	452 IPSWICH RD	PELUSO JUSTIN M	PELUSO ALANNA M	452 IPSWICH RD	BOXFORD	MA	01921
13-02-07	455 IPSWICH RD	GARDNER LORI	GARDNER CHRISTOPHER	455 IPSWICH RD	BOXFORD	MA	01921
13-02-80	473 IPSWICH RD	TAMMARO PATRICK J TE	TAMMARO LISA M	473 IPSWICH RD	BOXFORD	MA	01921
13-02-09	461 IPSWICH RD	TURNING POINT INC		5 PERRY WAY	NEWBURYPORT	MA	01950

CERTIFIED COPY  
 10/24/2022

*Heather Thibault*