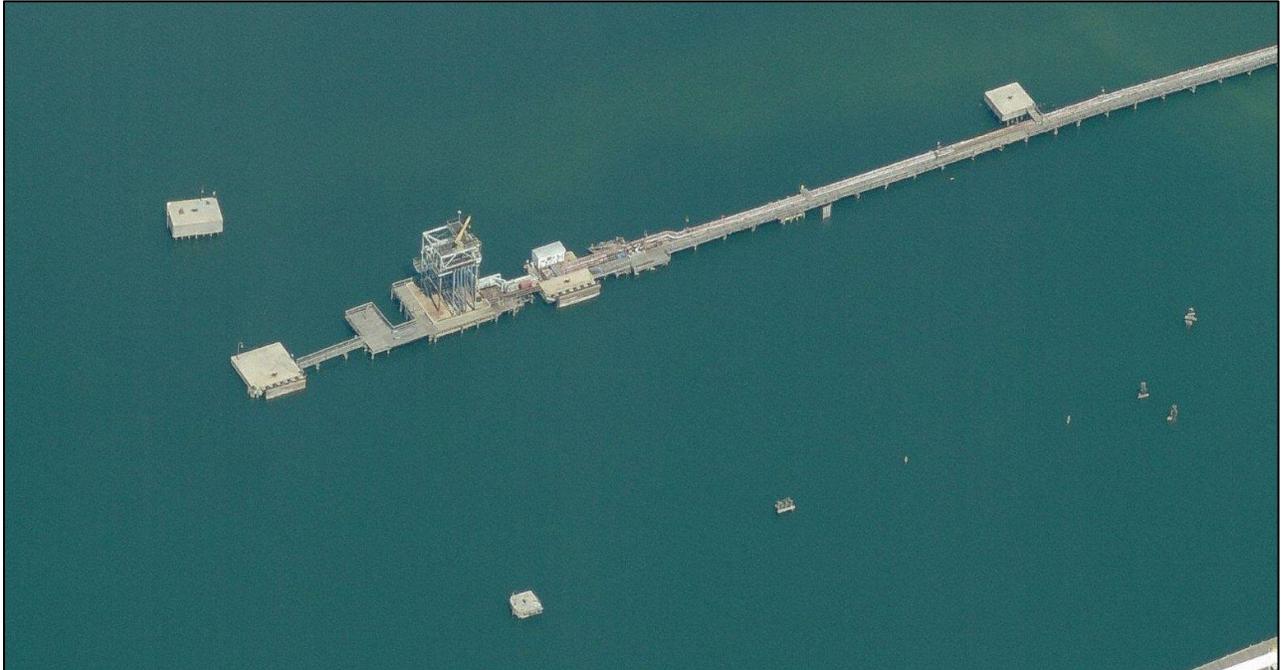


**Breasting Dolphin System Rehabilitation  
Global Companies Fuel Terminal Dock  
Chelsea River**

November 13, 2015



**Submitted to:**  
City of Revere Conservation Commission  
City Hall  
281 Broadway  
Revere, MA 02151

**Submitted by:**



**CHILDS ENGINEERING CORPORATION**  
34 William Way, Bellingham, Massachusetts 02019



## CHILDS ENGINEERING CORPORATION

34 WILLIAM WAY BELLINGHAM, MASSACHUSETTS 02019 TEL: (508) 966-9092

David L. Porter, P.E.  
President

Craig D. Sams, P.E.  
Vice President

November 13, 2015

Revere Conservation Commission  
Revere City Hall  
281 Broadway  
Revere, MA 02151

Re: Notice of Intent Form

Dear Mr. Andrew DeSantis,

Enclosed, please find a Notice of Intent form and plans for our client Global Companies LLC (1 original and 8 copies). The project location is an oil terminal located at 140 Lee Burbank Highway, Revere. The terminal is in the upstream end of the Chelsea River. The project consists of the rehabilitation of the breasting dolphin system at the terminal. The purpose is to rehabilitate the breasting dolphins to continue safe dockage of oil tankers and barges at the terminal for unloading of petroleum product at the adjacent tank farm.

Please contact our office if you have any questions or require additional information.

Respectfully submitted,

CHILDS ENGINEERING CORPORATION

A handwritten signature in black ink that reads "Robert J. Welch". The signature is written in a cursive style.

Robert J. Welch



# 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

Revere

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>140 Lee Burbank Highway</u>	<u>Revere</u>	<u>02151</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>5-210A</u>	<u>42.397744 N</u>	<u>71.012647 W</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>7</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>Eric</u>	<u>Davis</u>	
a. First Name	b. Last Name	
<u>Global Companies LLC</u>		
c. Organization		
<u>11 Broadway</u>		
d. Street Address		
<u>Chelsea</u>	<u>MA</u>	<u>02150</u>
e. City/Town	f. State	g. Zip Code
<u>617-660-1116</u>	<u>617-660-1140</u>	<u>EDavis@globalp.com</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>Global Companies LLC</u>	<u>Global Companies LLC</u>	
a. First Name	b. Last Name	
c. Organization		
<u>800 South Street Suite 500</u>		
d. Street Address		
<u>Waltham</u>	<u>MA</u>	<u>02454</u>
e. City/Town	f. State	g. Zip Code
<u>781-894-8800</u>		
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Robert</u>	<u>Welch</u>	
a. First Name	b. Last Name	
<u>Childs Engineering Corporation</u>		
c. Company		
<u>34 William Way</u>		
d. Street Address		
<u>Bellingham</u>	<u>MA</u>	<u>02019</u>
e. City/Town	f. State	g. Zip Code
<u>508-966-9092</u>	<u>508-966-9096</u>	<u>welchb@childseng.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$596.00</u>	<u>\$285.50</u>	<u>\$310.50</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



# WPA Form 3 – Notice of Intent

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

Provided by MassDEP:
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## A. General Information (continued)

6. General Project Description:

See attached information

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

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Single Family Home                        | 2. <input type="checkbox"/> Residential Subdivision       |
| 3. <input type="checkbox"/> Commercial/Industrial                     | 4. <input checked="" type="checkbox"/> Dock/Pier          |
| 5. <input type="checkbox"/> Utilities                                 | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation                |
| 9. <input type="checkbox"/> 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:

Suffolk	131635
a. County	b. Certificate # (if registered land)
53968	155
c. Book	d. Page Number

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

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

Provided by MassDEP:

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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.

Table with 3 columns: Resource Area, Size of Proposed Alteration, Proposed Replacement (if any). Rows include Bank, Bordering Vegetated Wetland, and Land Under Waterbodies and Waterways.

Table with 3 columns: Resource Area, Size of Proposed Alteration, Proposed Replacement (if any). Rows include Bordering Land Subject to Flooding and Isolated Land Subject to Flooding.

- f. Riverfront Area
1. Name of Waterway (if available) - specify coastal or inland
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)

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.

Table with 3 columns: Resource Area, Size of Proposed Alteration, Proposed Replacement (if any). Rows include Designated Port Areas, Land Under the Ocean, Barrier Beach, Coastal Beaches, Coastal Dunes.

Table with 3 columns: Resource Area, Size of Proposed Alteration, Proposed Replacement (if any). Rows include Coastal Banks, Rocky Intertidal Shores, Salt Marshes, Land Under Salt Ponds, Land Containing Shellfish, Fish Runs, Land Subject to Coastal Storm Flowage.

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



# WPA Form 3 – Notice of Intent

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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 Notice of Intent – Required Actions (310 CMR 10.11).

### 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 [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**

- 2008 \_\_\_\_\_  
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.1.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\*

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

2.  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 <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/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.



# WPA Form 3 – Notice of Intent

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

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

- (c)  MESA filing fee (fee information available at [http://www.mass.gov/dfwele/dfw/nhosp/regulatory\\_review/mesa/mesa\\_fee\\_schedule.htm](http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_fee_schedule.htm)). 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, [http://www.mass.gov/dfwele/dfw/nhosp/regulatory\\_review/mesa/mesa\\_exemptions.htm](http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_exemptions.htm); 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:

Division of Marine Fisheries -  
Southeast Marine Fisheries Station  
Attn: Environmental Reviewer  
1213 Purchase Street – 3rd Floor  
New Bedford, MA 02740-6694  
Email: [DMF.EnvReview-South@state.ma.us](mailto:DMF.EnvReview-South@state.ma.us)

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -  
North Shore Office  
Attn: Environmental Reviewer  
30 Emerson Avenue  
Gloucester, MA 01930  
Email: [DMF.EnvReview-North@state.ma.us](mailto:DMF.EnvReview-North@state.ma.us)

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.



# WPA Form 3 – Notice of Intent

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

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

## 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.



# WPA Form 3 – Notice of Intent

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

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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.

See attached

a. Plan Title

b. Prepared By

c. Signed and Stamped by

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:

3101

2. Municipal Check Number

11/10/15

3. Check date

3100

4. State Check Number

11/10/15

5. Check date

6. Payor name on check: First Name

Childs Engineering Corporation

7. Payor name on check: Last Name



# WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

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City/Town

## 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.

	<i>11-12-15</i>
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date
	<i>11/9/15</i>
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>140 Lee Burbank Highway</u>	<u>Revere</u>
a. Street Address	b. City/Town
<u>3100</u>	<u>\$285.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>Eric</u>	<u>Davis</u>	
a. First Name	b. Last Name	
<u>Global Companies LLC</u>		
c. Organization		
<u>11 Broadway</u>		
d. Mailing Address		
<u>Chelsea</u>	<u>MA</u>	<u>02150</u>
e. City/Town	f. State	g. Zip Code
<u>617-660-1116</u>	<u>617-660-1140</u>	<u>EDavis@globalp.com</u>
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

<u>Global Companies LLC</u>	<u>Global Companies LLC</u>	
c. Organization	b. Last Name	
<u>800 South Street Suite 500</u>		
d. Mailing Address		
<u>Waltham</u>	<u>MA</u>	<u>02454</u>
e. City/Town	f. State	g. Zip Code
<u>781-894-8800</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 5 - Dock work	149 LF	\$4	\$596
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>Step 5/Total Project Fee:</b>			<u>\$596</u>
<b>Step 6/Fee Payments:</b>			
Total Project Fee:			<u>\$596.00</u> a. Total Fee from Step 5
State share of filing Fee:			<u>\$285.50</u> b. 1/2 Total Fee <b>less</b> \$12.50
City/Town share of filing Fee:			<u>\$310.50</u> 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.)

## WPA Form 3 – Notice of Intent Application

### Additional Information

Application Date: November 13, 2015

Permit Requested by: Global Companies LLC

#### A. General Information

##### 6. *General Project Description:*

The project consists of restoring and upgrading the existing breasting dolphin system at the Global Companies fuel terminal dock in the Chelsea River. The existing system consists of two breasting dolphins designated Dolphin A for the inshore dolphin and Dolphin B for the outshore dolphin. Vessels unload petroleum products at the terminal for storage and distribution at the adjacent tank farm. The two breasting dolphins resist the berthing and mooring forces from vessels at berth. Both dolphins have reached the end of their design life and have reduced structural capacity due to the deteriorated condition of support piles and fender systems. The project purpose is to restore and upgrade the dolphin berthing capacity of the terminal dock to continue safe operations at the terminal, and to increase the berthing capacity in order to berth larger vessels with greater displacement after future improvement dredging is completed.

The project consists of performing repairs to rehabilitate and increase the capacity of existing Dolphin A, constructing a second new outshore Dolphin B to replace the existing Dolphin B, demolishing existing Dolphin B after construction of the new Dolphin B, constructing a new Dolphin C in between Dolphins A and B, and constructing a new timber walk extension. The purpose of the new Dolphin C is to provide a second berthing point for the smaller length oil barges that will not reach the location of the new Dolphin B. An existing abandoned dolphin located to the south of the terminal is to be demolished to provide some mitigation for the increased footprint of the new Dolphin C.

The work shall consist of driving new steel pipe piles and timber piles, installing grout filled steel pile jackets on existing Dolphin A piles, forming and pouring new reinforced concrete caps, constructing new fender systems for the three dolphins, and constructing a new timber walk extension to provide access to the dolphins. The existing Dolphin B and the abandoned dolphin shall be demolished by cutting the concrete caps into smaller sections for transport and disposal and by pulling the fender and support piles for disposal. The work will be performed by divers in the water and by construction crews on floats around the piles. The work will be

supported by a crane mounted on a construction barge moored against the dolphins. The work area will be enclosed by a debris boom and silt curtain. The only impact to Land Under the Ocean will occur during pile driving and removal.

The terminal dock is to continue operations during the construction project and the contractor must work around the vessel traffic schedule for the terminal. The new Dolphin B cannot be located inshore of the existing Dolphin B. Dolphins A and B will be located too close together with this layout, which will create an unsafe condition for berthing and mooring vessels at the terminal. The new Dolphin B must be constructed outshore of the existing Dolphin B location.

The fuel terminal is a licensed structure with an ACOE General Permit No. MA-BOSN-70-215 issued in 1970 and a Chapter 91 License No. 5775 issued by the DPW in 1970.

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

### **3. Coastal Resource Areas:**

The resource area that the terminal dolphins are located in is Land Under the Ocean. The resource area Land Under the Ocean shall be impacted by the driving of new piles and the removal of existing piles, and by the installation of new pile jackets on the existing Dolphin A piles that will extend into the mudline. There will be a total of 56 new piles driven into the mud line with a total area of 62 SF. There will be a total of 67 existing piles extracted from the mudline and disposed of with a total area of 45 SF. There will be new pile jackets installed on 18 existing Dolphin A piles resulting in a net increase of 18 SF of pile area. The net increase of Land Under the Ocean impacted by this project is 35 SF.

The existing abandoned dolphin located to the south of the terminal and the existing Dolphin B are to be demolished to provide some mitigation for the increased footprint of the proposed breasting dolphin system rehabilitation and its impact to Land Under the Ocean.

The work shall consist of driving new steel pipe piles and timber piles, installing grout filled steel pile jackets on existing Dolphin A piles, forming and pouring new reinforced concrete caps, constructing new fender systems for the three dolphins, and constructing a new timber walk extension to provide access to the dolphins. The existing Dolphin B and the abandoned dolphin shall be demolished by cutting the concrete caps into smaller sections for transport and disposal and by pulling

the fender and support piles for disposal. The work will be performed by divers in the water and by construction crews on floats around the piles. The work will be supported by a crane mounted on a construction barge moored against the dolphins. The work area will be enclosed by a debris boom and silt curtain. Best construction methods shall be used to minimize the impact to resource areas.

There are no other alternatives for the rehabilitation of the breasting dolphin system at the fuel terminal.

### **C. Other Applicable Standards and Requirements**

7. *Is this project subject to provisions of the MADEP Stormwater Management Standards?:*

This project is not subject to the provisions of the MADEP Stormwater Management Standards. The Standards are not applicable to this project since no stormwater is generated and the project will not significantly alter or have any significant impact to any resource area. The terminal structure is located in the middle of the Chelsea River. Rainfall that entered the Chelsea River directly will now land on the dolphin concrete caps and travel approximately 15 ft as sheet flow before entering the Chelsea River.

### **D. Additional Information**

3. *Method for BVM:*

BVM and other resource area boundary delineations were identified by visual observation.

4. *Plan Information:*

<u>Plan Title</u>	<u>Date</u>
NOI-01 Existing and Demolition Plan	11/04/15
NOI-02 Existing/Demolition Plan and Sections	11/04/15
NOI-03 Proposed Site Plan	11/04/15
NOI-04 Proposed Dolphin Plan and Sections	11/04/15
NOI-05 Proposed Dolphin Details	11/04/15

**AFFIDAVIT OF SERVICE**

Under the Massachusetts Wetland Protection Act

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

I, , hereby certify under the pains and penalties of perjury that on June 8, 2015 I gave notification to abutters in compliance with the second paragraph of the Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in conjunction with the following matter:

A Notice of Intent filed under the Massachusetts Wetlands Protection Act by Global Companies LLC with the City of Revere Conservation Commission on June 8, 2015 for the property located at 140 Lee Burbank Highway, Revere, MA.

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

\_\_\_\_\_  
DATE

**NOTE:**

No notification to abutters is required. The parcel for the dock where rehabilitation of the dolphins is proposed is located in the center of the Chelsea River. All other parcels located within 100 ft of this parcel are owned by Global Companies LLC, the applicant for this NOI permit. Please see the attached abutters list. Global Revco Terminal LLC is the former name of Global Companies LLC.



Daniel Rizzo  
Mayor

The City of REVERE, MASSACHUSETTS

BOARD OF ASSESSORS  
Andrew A. Iovanna  
John J. Verrengia  
Dana E. Brangiforte

5-13-15  
Paid \$80<sup>00</sup>  
cash

**Request for Abutters List**

Date: 5/13/15

Property Location: Belle Isle Inlet - Chelsea River

Map: 5 Block: 210A Parcel: 10

Property Owner: Global Petroleum

Is request for special permit or variance? YES NO

If yes than 300Ft is required distance. If no, than please indicate requested distance below.

Requested Distance:

100 FT

Fee: \$80.00

Please make checks payable to City of Revere

Requester Information:

Name: Robert Welch

Address: 34 William Way  
Bellingham, MA 02019

Telephone: 508-966-9092

*— Please call  
when done*

RECEIVED  
REVERE ASSESSOR'S OFFICE  
2015 MAY 13 AM 11:08

Loc: BELLE ISLE INLET Parcel ID #: 5-210A-10  
LUC: 442

GLOBAL REVCO TERMINAL LLC

140 LEE BURBANK HWY

Revere MA 02151

Loc: NW SIDE OF B&M R Parcel ID #: 5-210A-6  
LUC: 442

GLOBAL REVCO TERMINAL LLC

140 LEE BURBANK HWY

Revere MA 02151

Loc: BELLE ISLE INLET Parcel ID #: 5-210A-7  
LUC: 442

GLOBAL REVCO TERMINAL LLC

140 LEE BURBANK HWY

Revere MA 02151

Loc: CHELSEA RIVER Parcel ID #: 5-210A-8  
LUC: 442

GLOBAL REVCO TERMINAL LLC

140 LEE BURBANK HWY

Revere MA 02151

Loc: NW OF B&M RR REA Parcel ID #: 5-210A-9  
LUC: 442

GLOBAL REVCO TERMINAL LLC

140 LEE BURBANK HWY

Revere MA 02151

**THIS IS A TRUE & ATTESTED  
COPY OF THE RECORDS OF THE  
ASSESSOR'S OFFICE OF THE  
CITY OF REVERE**

DATE: 5/19/13



**CHILDS ENGINEERING CORPORATION**

34 WILLIAM WAY BELLINGHAM, MASSACHUSETTS 02019 TEL: (508) 966-9092

David L. Porter, P.E.  
President

Craig D. Sams, P.E.  
Vice President

November 13, 2015

DEP Northeast Region  
Wetland Protection Program  
205B Lowell Street  
Wilmington, MA 01887

Re: Notice of Intent Form

Dear Sir or Madam,

Enclosed, please find a Notice of Intent form and plans for our client Global Companies LLC. The project location is an oil terminal located at 140 Lee Burbank Highway, Revere. The terminal is in the upstream end of the Chelsea River. The project consists of the rehabilitation of the breasting dolphin system at the terminal. The purpose is to rehabilitate the breasting dolphins to continue safe dockage of oil tankers and barges at the terminal for unloading of petroleum product at the adjacent tank farm.

Please contact our office if you have any questions or require additional information.

Respectfully submitted,

CHILDS ENGINEERING CORPORATION

A handwritten signature in black ink that reads "Robert J. Welch". The signature is written in a cursive style.

Robert J. Welch



**CHILDS ENGINEERING CORPORATION**

34 WILLIAM WAY BELLINGHAM, MASSACHUSETTS 02019 TEL: (508) 966-9092

David L. Porter, P.E.  
President

Craig D. Sams, P.E.  
Vice President

November 13, 2015

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

Re: Notice of Intent Form

Dear Sir or Madam,

Enclosed, please find a Notice of Intent form and plans for our client Global Companies LLC. The project location is an oil terminal located at 140 Lee Burbank Highway, Revere. The terminal is in the upstream end of the Chelsea River. The project consists of the rehabilitation of the breasting dolphin system at the terminal. The purpose is to rehabilitate the breasting dolphins to continue safe dockage of oil tankers and barges at the terminal for unloading of petroleum product at the adjacent tank farm.

Please contact our office if you have any questions or require additional information.

Respectfully submitted,

CHILDS ENGINEERING CORPORATION

A handwritten signature in black ink that reads "Robert J. Welch". The signature is written in a cursive style.

Robert J. Welch



Enter your transmittal number

X268266  
Transmittal Number

Your unique Transmittal Number can be accessed online: <http://mass.gov/dep/service/online/trasmfrm.shtml>

## Massachusetts Department of Environmental Protection Transmittal Form for Permit Application and Payment

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Make your check payable to the Commonwealth of Massachusetts and mail it with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three copies of this form will be needed.

**Copy 1 - the original** must accompany your permit application. **Copy 2** must accompany your fee payment. **Copy 3** should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to:

MassDEP  
P.O. Box 4062  
Boston, MA  
02211

\* **Note:**  
For BWSC Permits, enter the LSP.

### A. Permit Information

WPA Form 3

Notice of Intent

1. Permit Code: 7 or 8 character code from permit instructions

2. Name of Permit Category

Rehabilitation of breasting dolphin system at fuel terminal dock

3. Type of Project or Activity

### B. Applicant Information – Firm or Individual

Global Companies, LLC

1. Name of Firm - Or, if party needing this approval is an individual enter name below:

2. Last Name of Individual

3. First Name of Individual

4. MI

11 Broadway

5. Street Address

Chelsea

MA

02150

617-660-1116

6. City/Town

7. State

8. Zip Code

9. Telephone #

10. Ext. #

Eric Davis

EDavis@globalp.com

11. Contact Person

12. e-mail address (optional)

### C. Facility, Site or Individual Requiring Approval

Global Companies, LLC

1. Name of Facility, Site Or Individual

140 Lee Burbank Highway

2. Street Address

Revere

MA

02151

617-660-1152

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

8. DEP Facility Number (if Known)

9. Federal I.D. Number (if Known)

10. BWSC Tracking # (if Known)

### D. Application Prepared by (if different from Section B)\*

Childs Engineering Corporation

1. Name of Firm Or Individual

34 William Way

2. Address

Bellingham

MA

02019

508-966-9092

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

8. Contact Person

9. LSP Number (BWSC Permits only)

### E. Permit - Project Coordination

1. Is this project subject to MEPA review?  yes  no  
If yes, enter the project's EOEA file number - assigned when an Environmental Notification Form is submitted to the MEPA unit:

EOEA File Number

### F. Amount Due

#### Special Provisions:

1.  Fee Exempt (city, town or municipal housing authority)(state agency if fee is \$100 or less).  
*There are no fee exemptions for BWSC permits, regardless of applicant status.*  
2.  Hardship Request - payment extensions according to 310 CMR 4.04(3)(c).  
3.  Alternative Schedule Project (according to 310 CMR 4.05 and 4.10).  
4.  Homeowner (according to 310 CMR 4.02).

DEP Use Only

Permit No:

Rec'd Date:

Reviewer:

3100

\$285.50

11/10/15

Check Number

Dollar Amount

Date



**Childs Engineering Corporation**  
 34 William Way  
 Bellingham, MA 02019

53-7122/2113

3100

EXPLANATION	AMOUNT
2520-14	

PAY AMOUNT OF

**THE SUM 285 DOLLARS**

DOLLARS

CHECK AMOUNT

DATE	TO THE ORDER OF	DESCRIPTION	CHECK NUMBER
11-10-15	Commonwealth of Massachusetts	NOT Fee	3100

\$ 285.50

**Middlesex Savings Bank**

*[Handwritten Signature]*

⑈003100⑈ ⑆211371227⑆ 164700752⑈



**Childs Engineering Corporation**  
 34 William Way  
 Bellingham, MA 02019

53-7122/2113

3101

EXPLANATION	AMOUNT
2520-14	

**THE SUM 310 DOLLARS**

DOLLARS

CHECK AMOUNT

DATE	TO THE ORDER OF	DESCRIPTION	CHECK NUMBER
11-10-15	City of Revere	NOT - Fee	3101

\$ 310.50

**Middlesex Savings Bank**

*[Handwritten Signature]*

⑈003100⑈ ⑆211371227⑆ 164700752⑈



8 ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER - SEE REVERSE SIDE FOR COMPLETE SECURITY FEATURES 8

9 THIS DOCUMENT CONTAINS HEAT SENSITIVE INK - TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT 9









