

For Office Use Only Executive Office of Environmental Affairs MEPA Analyst: <i>Bill GAGE</i> Phone: 617-626- <i>1025</i>
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# NPC

## Notice of Project Change

The information requested on this form must be completed to begin MEPA Review of a NPC in accordance with the provisions of the Massachusetts Environmental Policy Act and its implementing regulations (see 301 CMR 11.10(1)).

Project Name: Former L.E. Mason Facility Remediation		EOEA #: 13568
Street: 98 Business Street		
Municipality: Boston	Watershed: Boston Harbor	
Universal Transverse Mercator Coordinates:	Latitude: 42 15 5.62	Longitude: -071 07 43.5
Status of project construction: 90	%complete	
Proponent: Thomas & Betts L.L.C.		
Street: 8155 T&B Boulevard		
Municipality: Memphis	State: TN	Zip Code: 38125
Name of Contact Person From Whom Copies of this NPC May Be Obtained:		
Firm/Agency: Shaw Environmental, Inc.	Street: 88C Elm Street	
Municipality: Hopkinton	State: MA	Zip Code: 01748
Phone: 508-497-6168	Fax: 508-435-9641	E-mail: john.mitchell@shawgrp.com

In 25 words or less, what is the project change? The project change involves . . . remediation / stabilization of bank soil containing PCBs along approximately 340 linear feet on both sides of Mother Brook between railroad bridge and Hyde Park Avenue. See full project change description beginning on page 3.

Date of ENF filing or publication in the Environmental Monitor: July 9, 2005

Was an EIR required?  Yes  No; if yes,  
 was a Draft EIR filed?  Yes (Date: )  No  
 was a Final EIR filed?  Yes (Date: )  No  
 was a Single EIR filed?  Yes (Date: )  No

Have other NPCs been filed?  Yes (Date(s): )  No

If this is a NPC solely for lapse of time (see 301 CMR 11.10(2)) proceed directly to "ATTACHMENTS & SIGNATURES" on page 4.

**PERMITS / FINANCIAL ASSISTANCE / LAND TRANSFER**

List or describe all new or modified state permits, financial assistance, or land transfers not previously reviewed: NA

Are you requesting a finding that this project change is insignificant? (see 301 CMR 11.10(6))

Yes  No; if yes, attach justification.

Are you requesting that a Scope in a previously issued Certificate be rescinded?

Yes  No; if yes, attach the Certificate

Are you requesting a change to a Scope in a previously issued Certificate?  Yes  No; if yes, attach Certificate and describe the change you are requesting:

Summary of Project Size & Environmental Impacts	Previously reviewed	Net Change	Currently Proposed
<b>LAND</b>			
Total site acreage	3.02	+0.69	3.71
Acres of land altered	0	+0.69	0.69
Acres of impervious area	2.91	-0.02	2.89
Square feet of bordering vegetated wetlands alteration	0	0	0
Square feet of other wetland alteration	0	0	0
Acres of non-water dependent use of tidelands or waterways	0	0	0
<b>STRUCTURES</b>			
Gross square footage	0	0	0
Number of housing units	0	0	0
Maximum height (in feet)	0	0	0
<b>TRANSPORTATION</b>			
Vehicle trips per day	75 (project total)	15 (total)	90 (total)
Parking spaces	0	0	0
<b>WATER/WASTEWATER</b>			
Gallons/day (GPD) of water use	0	0	0
GPD water withdrawal	0	0	0
GPD wastewater generation/ treatment	0	0	0
Length of water/sewer mains (in miles)	0	0	0

Does the project change involve any new or modified:

1. conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97? Yes No

2. release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction? Yes No

3. impacts on Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities? Yes No

4. impact on any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes No; if yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? Yes No

5. impact upon an Area of Critical Environmental Concern? Yes No

If you answered 'Yes' to any of these 5 questions, explain below:

**PROJECT CHANGE DESCRIPTION** (attach additional pages as necessary). The project change description should include:

(a) a brief description of the project as most recently reviewed

(b) a description of material changes to the project as previously reviewed,

(c) the significance of the proposed changes, with specific reference to the factors listed 301 CMR 11.10(6), and

(d) measures that the project is taking to avoid damage to the environment or to minimize and mitigate unavoidable environmental impacts. If the change will involve modification of any previously issued Section 61 Finding, include a proposed modification of the Section 61 Finding (or it will be required in a Supplemental EIR).

Certificate #13568 (attached) was issued to Thomas & Betts L.L.C. (T&B) on August 8, 2005 for the remediation of soil and sediments containing polychlorinated biphenyls (PCBs) associated with the former L.E. Mason manufacturing processes conducted at 98 Business Street in the Hyde Park neighborhood of Boston. The project location is depicted on the attached U.S Geological survey topographic Map. As shown on the attached site plan submitted with the ENF, the remediation included the areas of the former Aluminum Die Cast (ADC) building and approximately 1,800 linear feet of streambed in Mother Brook. The remediation activities in Mother Brook included the temporary diversion of the brook, remediation of streambed, backfill and restoration of flow. As of the time of preparation of this NPC form, the streambed remediation work is 90 percent complete.

During the remediation of Mother Brook, contamination was identified in the bank soils on both sides of the brook between the railroad bridge and Hyde Park Avenue. The Massachusetts Department of Environmental Protection (MADEP) intends to issue a Notice of Responsibility (NOR) to Thomas & Betts and New Albertsons, Inc. (property at 1377 Hyde Park Avenue) for the immediate remediation and/or stabilization of the banks while the stream diversion is in place. Performing this bank remediation prior to restoring flow in Mother Brook will prevent recontamination of the recently restored brook bottom downstream. Due to increasing seasonal flow and stream diversion limitations, flow in Mother Brook will need to be restored in early November. Bank remediation activities are currently in progress.

As shown on the attached proposed site plan, the remediation of the banks will impact areas beyond the previously identified limit of work for the remediation under Certificate #13568. Approximately 400 linear feet of bank on both sides of the brook between the railroad

bridge and Hyde Park Avenue are targeted for remediation and/or stabilization under MADEP's directive. The bank remediation proposal is to excavate into each bank and backfill with a combination of clean fill, geotextile and rip rap to control erosion. The areas of impact and method of stabilization are different for the northern and southern banks.

On the northern bank, excavation will be performed 6 feet horizontal from the toe of the slope (streambed/bank interface) at the level of the streambed and then at an angle up to existing grade. The angle will be determined based on what is required for a safe, stable reconstructed slope and removal limitations such as the building. The slope stabilization method will vary depending on the visual observation of oily material at the limit of excavation as shown on the attached cross section detail. (Please note the cross section detail is a draft and a revised design is currently in progress that will remove the geotextile layer between dense-graded crushed stone backfill and the 6-inch thick layer of crushed stone on the slope.) In the absence of oily material, the excavation will be backfilled with gravel or crushed stone and overlain with riprap. If oily material is observed, either a geomembrane or sheet piling will be installed within the reconstructed slope. In the area between the top of the reconstructed slope and the edge of building or asphalt, an 18-inch depth of existing soil will be removed and replaced with crushed stone.

On the southern bank, the extent of soil removal is dependent on analytical results of soil samples. The objective is to obtain clean closure and reconstruct the slope with gravel or crushed stone, and riprap. This bank has been carved into near-vertical slopes by the natural flow of Mother Brook. Thus, for safe removal of bank soils, the excavation may extend up to asphalt paved parking and fenced masonry supply storage areas. These areas will be restored as close to their original bounds as possible upon completion of bank reconstruction.

The toe of both restored banks will be located at the pre-construction bank-streambed interface. However, due to the slope required for long-term stability of rip rap, the proposed bank shape will likely vary from the existing contours, particularly on the southern bank. Permanent stormwater runoff controls will be constructed at the top of the slopes to prevent parking lot runoff from eroding the reconstructed banks.

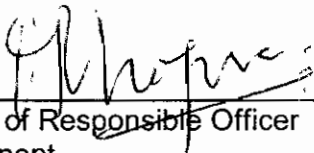

The remediation of these banks while the stream diversion is in place is the primary measure to minimize environmental impacts and to avoid potential recontamination of the recently restored brook bottom. In addition, the use of geomembrane or sheet piling will prevent potential future contamination of the banks and streambed from upland source areas. The timing for this action will avoid the potential future need for a stream diversion and the environmental disturbance (although temporary) associated with the setup and break down of the system. Equipment for the movement of soils will be staged in the streambed and soil offloaded at the top of the slope as has been performed for the streambed remediation to minimize the extent of any new temporary construction impacts. The removal of vegetation in the area of bank remediation is unavoidable given the anticipated extent of required impacted soil removal. The possibility for woody vegetative restoration will be evaluated after the banks are reconstructed to review where geomembrane, sheet piling or rip rap were placed.

**ATTACHMENTS & SIGNATURES**

Attachments:

1. Secretary's most recent Certificate on this project
2. Plan showing most recent previously-reviewed proposed build condition
3. Plan showing currently proposed build condition
4. Original U.S.G.S. map or good quality color copy (8-1/2 x 11 inches or larger) indicating the project location and boundaries
5. List of all agencies and persons to whom the proponent circulated the NPC, in accordance with 301 CMR 11.10(7)

Signatures:

Oct. 29, 2007		10/31/2007	
Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing NPC (if different from above)

Om Chopra  
Name (print or type)

for

John H. Mitchell  
Name (print or type)

Thomas & Betts L.L.C.  
Firm/Agency

Shaw Environmental, Inc.  
Firm/Agency

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