

<i>For Office Use Only</i> <b>Executive Office of Environmental Affairs</b>
MEPA Analyst: <i>W. GAGE</i>
Phone: 617-626- <i>1025</i>

# 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: Supplemental Combined Sewer Overflow Long-Term Control Plan (LTCP)		EOEA #: 13571
Street: Various Streets in Gloucester south of Route 128		
Municipality: Gloucester	Watershed: North Coastal	
Universal Transverse Mercator Coordinates:	Latitude: 42.6159° N Longitude: 70.6620° W	
Status of project construction: 50% complete		
Proponent: City of Gloucester, Michael Hale, AICP, Director of Public Works Department		
Street: 28 Poplar Street, Department of Public Works		
Municipality: Gloucester	State: MA	Zip Code: 01930
Name of Contact Person From Whom Copies of this NPC May Be Obtained: William M. Ross, P.E.		
Firm/Agency: New England Civil Engineering Corp.	Street: 120 Washington Street, Suite 202E P.O. Box 3026	
Municipality: Salem	State: MA	Zip Code: 01970
Phone: 978-741-7401	Fax: 978 -741-7402	E-mail: wmr@engineeringcorporation.com

**In 25 words or less, what is the project change?** The project change involves additional sewer and drain separation in CSO area 004 and *no* construction of new outfalls in areas 005 and 006 based on additional results from field investigations and flow meter data.  
**See full project change description beginning on page 3.**

Date of ENF filing or publication in the Environmental Monitor:

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): 01/03/2006 )  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:

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Are you requesting that a Scope in a previously issued Certificate be rescinded?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	Approx. 20	0	Approx. 20
Acres of land altered	0	0	0
Acres of impervious area			
Square feet of bordering vegetated wetlands alteration	0	0	0
Square feet of other wetland alteration			
Acres of non-water dependent use of tidelands or waterways	0	0	0
<b>STRUCTURES</b>			
Gross square footage			
Number of housing units	0	0	0
Maximum height (in feet)	0	0	0
<b>TRANSPORTATION</b>			
Vehicle trips per day	0	0	0
Parking spaces	0	0	0
<b>WATER/WASTEWATER</b>			
Gallons/day (GPD) of water use	0		0
GPD water withdrawal	0		0
GPD wastewater generation/ treatment	25.08 mgd		25.08 mgd
Length of water/sewer mains (in miles)	+3.62		+3.62

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).

#### 2011 Notice of Project Change (NPC)

Following analysis of flow meter data and field investigation results, the City of Gloucester plans to modify the scope of the Phase III CSO control projects to improve the cost-effectiveness of the CSO Control plan.

#### **Description of the Project as Most Recently Reviewed:**

The Phase III CSO control plan projects described in the ENF include sewer separation within the CSO-005 and CSO-006 areas, including construction of approximately 8,200 feet of new drain pipes and construction of two new drain outfalls.

#### **Description of Material Changes to the Project:**

The proposed revised Phase III CSO control plan projects described in this 2011 NPC include sewer separation within the CSO-004, 005, and 006 areas, including construction of approximately 8,600 feet of new sewer and drain pipes. The material changes to the project as previously reviewed include addition of sewer separation within the CSO-004 area and deletion of the two new drain outfalls proposed in the CSO-005 and 006 areas.

#### **Significance of the Proposed Changes:**

The proposed revised Phase III CSO control plan projects will add sewer separation construction on several streets within the CSO-004 area, including Short Street, Hancock Street, Rogers Street, Porter Street, Main Street, and Duncan Street. Field investigations completed during the development of the SLTCP identified many sources of Inflow/Infiltration in these areas that can be removed from the sanitary sewer collection system cost-effectively.

The proposed revised Phase III CSO control plan projects will reduce the length of new pipe constructed to achieve sewer separation within the CSO-005 and 006 areas by rehabilitating existing sewer and drainage infrastructure. Separated stormwater flows will be directed to existing drainage infrastructure and outfalls, allowing for the deletion of two new drain outfalls proposed in the most recently reviewed plan. Field investigations and hydraulic modeling completed during the development of the SLTCP predicted existing drainage infrastructure and outfalls can convey the additional (separated) stormwater flows without resulting in surface flooding.


The proposed changes to the Phase III CSO control plan projects will minimize potential environmental impacts by avoiding construction in the resource area which would be required to construct the two new drain outfalls proposed in the most recently reviewed plan.

**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:

13 Dec 2011	Michael Hittle	12/13/11	
Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing NPC (if different from above)

<u>Michael Hale</u>	<u>William M. Ross</u>
Name (print or type)	Name (print or type)
<u>Gloucester Department of Public Works</u>	<u>New England Civil Engineering Corp.</u>
Firm/Agency	Firm/Agency
<u>28 Poplar Street - DPW (Physical Address)</u>	<u>120 Washington Street Suite 202 E</u>
<u>9 Dale Avenue - City Hall (Mailing Address)</u>	<u>P.O. Box 3026</u>
Street	Street
<u>Gloucester, MA 01930</u>	<u>Salem, MA 01970</u>
Municipality/State/Zip	Municipality/State/Zip
<u>978-281-9785</u>	<u>978-741-7401</u>
Phone	Phone