

For Office Use Only
Executive Office of Environmental Affairs

MEPA Analyst: *B. H. GAGE*
 Phone: 617-626-*1025*

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: Comprehensive Wastewater Management Plan		EOEA #: 12562
Street: Various		
Municipality: Wareham	Watershed: Buzzards Bay	
Universal Transverse Mercator Coordinates: 19359974E 4624243N	Latitude: 41 45' 36" Longitude: 70 41'03"	
Status of project construction:	80	%complete
Proponent: Town of Wareham (Attn. Mark Gifford)		
Street: 95 Charge Pond Road		
Municipality: Wareham	State: MA	Zip Code: 02571
Name of Contact Person From Whom Copies of this NPC May Be Obtained: Magdalena Lofstedt		
Firm/Agency: CDM Inc.	Street: One Cambridge Place	
Municipality: Cambridge	State: MA	Zip Code: 02139
Phone: 617-452-6597	Fax: 617-452-6597	E-mail: lofstedtmh@cdm.com

In 25 words or less, what is the project change? The change involves constructing new sewer force main beneath Sunset Cove replacing the previously proposed force main within Indian Neck Road and Great Neck Road.
 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: Oct. 31, 2001) No

Have other NPCs been filed? Yes (Date(s): July 25, 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.

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PERMITS / FINANCIAL ASSISTANCE / LAND TRANSFER

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

A land transfer of the Dever Wells from the Commonwealth to the City of Taunton was discussed in the June 2007 ENF. The Dever Water Replacement Storage Tank is located on the same State owned parcel of land intended for transfer to the City of Taunton.

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Are you requesting that a Scope in a previously issued Certificate be rescinded?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
LAND			
Total site acreage	25	+0.19	25.19
Acres of land altered	0.1	1	1.1
Acres of impervious area	0.07	+0.35	0.42
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
STRUCTURES			
Gross square footage	3,000	+860	3,860
Number of housing units	0	0	0
Maximum height (in feet)	15	180	165
TRANSPORTATION			
Vehicle trips per day	1	0	1
Parking spaces	0	+4	4
WATER/WASTEWATER			
Gallons/day (GPD) of water use	0	0	0
GPD water withdrawal	Existing WMA permit is 0.2mgd	0	Existing permit to be transferred
GPD wastewater generation/ treatment	N/A	N/A	N/A
Length of water/sewer mains (in miles)	0.23	+0.12	0.35

Length of water/sewer mains (in miles)	21.8	-0.85	21.0
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*Areas calculated based on trench width and length measurements. Pump station assumed to have 10'x16' superstructures based on 40% design.

**LSCSF – Land Subject to Coastal Storm Flowage

TBD – To be determined

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

Sunset Cove is shown to contain Priority Habitat of Rare Species and Estimated Habitat of Rare Wildlife on the 2008 Massachusetts Natural Heritage Atlas. Installation of the new force main using horizontal directional drilling will not impact the habitat of the cove as the pipe will be installed underground, beneath the sediment. A MESA Information Request was submitted to the Natural Heritage Program on May 12, 2009 (see Attachment C).

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

MHC has reviewed the proposed project change and determined that the project is unlikely to affect significant historic or archaeological resources (see letter dated May 28, 2009 in Attachment C).

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).

- (a) The Comprehensive Wastewater Management Plan consists of upgrading the existing Wareham Water Pollution Control Facility (WPCF) by increasing its capacity and nutrient removal capabilities, and adding 12 new "needs" areas to the collection system that have demonstrated problems with on-site sewage disposal systems. Construction of the upgrades to the existing WPCF were completed in 2004. Installation of sewer collection systems within five (5) of the twelve (12) "needs" areas has also been completed. The areas that have been completed are Sunset Island, Weweantic Shore, Rose Point,

Deerwood Beach, and Beaver Dam Estates. The following three "needs" areas are currently under construction: Linwood/Ladd Avenues, Tempest Knob, and Parkwood Beach (Contract No. 1).

- (b) This Notice of Project change pertains to the installation of approximately 2,800 linear feet of 4-inch diameter sewer force main from the proposed sewerage pumping station on Arlington Road to an existing gravity sewer within Fresh Meadow Drive. This sewer force main will replace the previously proposed force main that would convey sewerage from Agawan Beach to the Parkwood Beach area which was to traverse approximately 7,200 linear feet of relatively undeveloped land along Indian Neck Road and Great Neck Road.

The new 4-inch diameter sewer force main will be installed beneath Sunset Cove using horizontal directional drilling, a trenchless construction technique. The portion of the 4-inch diameter force main beneath Sunset Cove will be installed within an 8-inch diameter sleeve. See Attachment A, Section 1.0 for a more detailed description.

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

This project change will not result in an expansion of the project, on the contrary, the linear footage of new sewer mains to be installed will be reduced by approximately 4,400 linear feet that could potentially be opened up for development, an overall reduction of 4 percent in the total length of new sewer mains project wide. The new force main location will reduce construction related impacts on the environment (i.e., floodplain, traffic, air quality, noise) compared to the previously proposed force main as the new force main is shorter a portion of the new alignment and will be installed beneath tidal waters using horizontal directional drilling avoiding most impacts to surface features. The use of horizontal directional drilling will also avoid all impacts to tidal waters and coastal wetland resource area (Coastal Beach, Coastal Bank, Salt Marsh). Furthermore, the new route eliminates the potential for land along Indian Neck Road and Great Neck Road to be opened up for development. This issue was raised by commentors to the SEIR and is discussed in the Final Certificate (see Attachment B).

The project change does not meet or exceed any review thresholds that were not previously met or exceeded.

- (d) measures that the project is taking to avoid damage to the environment or to minimize and mitigate unavoidable environmental impacts:

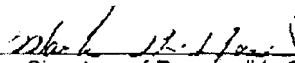
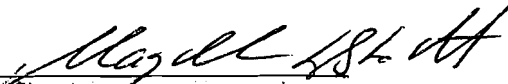
See Attachment A, Section 4.0.

(a) 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.

	
Date _____	Date _____
Signature of Responsible Officer or Proponent	Signature of person preparing NPC (if different from above)

<u>Mark Gifford</u>	<u>Magdalena Lofstedt</u>
Name (print or type)	Name (print or type)
<u>Town of Wareham</u>	<u>CDM Inc.</u>
Firm/Agency	Firm/Agency
<u>95 Charge Pond Road</u>	<u>50 Hampshire Street</u>
Street	Street
<u>Wareham</u>	<u>Cambridge, MA 02139</u>
Municipality/State/Zip	Municipality/State/Zip
<u>508-295-5300</u>	<u>617-452-6597</u>
Phone	Phone