Town of Chatham, Massachusetts

Final
Needs Assessment Report
for
Comprehensive Wastewater Management Planning Study

August, 1999

August 23, 1999

Mr. Robert A. Durand, Secretary
Executive office of Environmental Affairs
100 Cambridge Street, 20th floor
Boston, Massachusetts 02202
Attn. MEPA Office and Richard Foster

Re: Town of Chatham
Chatham Comprehensive Wastewater Management Planning Study
Needs Assessment Report
EOEA Number 11501

Dear Secretary Durand:

On behalf of the Town of Chatham, Stearns & Wheler Environmental Engineers and Scientists is pleased to submit this Needs Assessment Report. Submittal of this Report is the first step of the joint MEPA/Cape Cod Commission review process as outlined in the Certificate dated April 10,1998 for this project. Based upon that Certificate and discussions with your office, we request MEPA to review this Report, and provide a decision of its adequacy. This Report is being distributed to the parties indicated on the attached distribution list.

A public hearing for the joint MEPA/Cape Cod Commission review has been scheduled for this project on September 23, 1999, 7:00 p.m. at the Chatham Town Offices.

Please feel free to call with any questions regarding this Report.

Very truly yours,
Stearns & Wheler, LLC

Wayne C. Perry, P.E.
Project Manager

Nathan C. Weeks, P.E.
Project Engineer

WCP:NCW:jsc

Enc.

cc: Individuals and Organizations indicated on the attached Distribution List

COMPREHENSIVE WASTEWATER MANAGEMENT PLANNING STUDY
TOWN OF CHATHAM, MASSACHUSETTS

Needs Assessment Report

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COMPREHENSIVE WASTEWATER MANAGEMENT PLANNING STUDY
DRAFT TRANSITIONAL NEEDS ASSESSMENT REPORT
TOWN OF CHATHAM, MASSACHUSETTS

Prepared for

TOWN OF CHATHAM MASSACHUSETTS

Prepared by

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April, 2003

Project No. 70098

ACKNOWLEDGMENTS

This Needs Assessment Report was produced through the joint efforts of Stearns & Wheler and the Town of Chatham. Stearns & Wheler appreciates the assistance and valuable contributions made by the Comprehensive Wastewater Management Plan Citizens Advisory Committee (CAC) and Technical Advisory Committee (TAC) who attended many meetings and provided valuable insight on the wastewater problems being experienced by the Town of Chatham. We also want to thank the staff of the Town of Chatham Water and Sewer Department, Department of Planning and Development, Health Department, Water Quality Laboratory, and Assessing Department who provided much Town data that was used in this project. We would like to acknowledge the following individuals who greatly contributed to this report and study.

William G. Redfield, P.E. of the Water and Sewer Department who answered many questions, and provided project management and project background on the Town's water and wastewater system.

Robert A. Duncanson, Ph.D. of the Chatham Water Quality Laboratory who provided much information on the Town's surface and groundwater quality, Town's marine pumpout facilities, Town's Geographic Information System (GIS), potential build out conditions in Town, and previous environmental studies performed for the Town.

Margaret Swanson of the Department of Planning and Development who provided background on the Town's Local Comprehensive Planning (LCP) effort, previous Town plans, and potential build out in Chatham.

Terence Hayes of the Health Department who provided information and insight on individual on-site systems in Chatham, and the local Board of Health regulations.

Walter Brown of the Assessing Department who provided tax assessor's data and much insight on the individual properties in Chatham.

Mike Keller of Earth Tech, Inc. (Operator of Chatham WPCF) who provided much operations data and insight on the Chatham WPCF.

Regina Villa Associates who provided public participation and education assistance.

We would also like to acknowledge the efforts of the Cape Cod Commission who provided GIS data for the Town and information on previous studies.

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