Appendix 2H "Chronology of Water Planning Efforts in Eastham"

# Eastham: 1970-2013

Landfill capped,

initiated.

monitoring program

Volunteer homeowner

testing for nitrate. 1/3

of town tested each

Water Resources

Advisory Board

Lower Cape Water Quality Task Force report, 1998-99.

Founded

From Cape Cod's 1978 Section 208 Plan The 1978 Section 208 Plan was drafted by the Cape Cod Planning and Economic Development Council.

Code goes into effect

for regulation of on-site

wastewater systems.

CCPEDC Designated

Section 208 Planning

These are some of the key recommendations as published in 1978.

It is suggested that the town begin to Eastham should give priority to The town should join regional waste improving Title 5 enforcement and implement its water supply plan in the disposal planning efforts in the hopes near future to serve densely controlling conversion of seasonal that a regional solution will be populated areas, and areas around dwellings. available before the existing site is the town landfill. exhausted. The town should work with CCPEDC to implement a Seasonal Residential The town should install water table Eastham should join with Orleans in wells around the existing landfill to District for the western shore of construction of a regional septage determine the probable direction of Eastham. facility. groundwater flow from the site. Water supply is also of concern in Further studies in cooperation with Eastham. The high density areas and the town's present 20,000 square foot USGS may be necessary to locate the plume, since public water is not minimum lot size are not considered available and development is to provide adequate protection of encroaching on the landfill area. private wells. Title 5 of State Sanitary

| 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 POPULATION CHANGE: +69.95%

CHANGE: +28.51%

Orleans, Brewster and

**Fastham Ground Water** 

**Protection District** 

created

Designation of Inner

Cape Cod Bay Area of

Critical Environmental

Concern

4,462 CHANGE: +22.21%

Title 5 amended

Quality Task Force

Private well regulations

adopted.

freshwater pond

ponds. Ongoing.

monitoring for 10

Salt Pond Visitor Center

recirculating geotextile

installed. Project ran

filter septic system

through 2003.

CHANGE: -9.11%

**Small Wastewater** 

Treatment Plan Regs

adopted by Fastham

County creates Cape

Collaborative

Cod Water Protection

Board of Health

Water Resources

Analysis Of The Lower

Town issued Notice of

wells near landfill

Responsibility for VOCs

Management Committee

established.

Water Table

**Mapping Project** 

Cape Cod Aquifer

Appropriation

Report/Study

REPORT: Projected Use of I/A on-Site Systems,

Municipal water

system fails at town

meeting, \$76 million

Eastham

Regulatory/Town Meeting Action

Negative Vote/ Stopped Action

MEP Report - Rock

Harbor (shared

2009

Infrastructure/Plan Implementation

Section 208 Update Stakeholder Process

**\*\*\*** 4,956

Management Plannin Project Interim Needs

Alternatives Screening

Study of water supply needs approved, \$3.15

Project Plan Evaluation

Assessment &

Analysis Report

Status and

for Future

Activities

2010

# Common Acronyms

U.S. Clean Water Act

system fails at town meeting, \$3.5 million.

CAPE COD

COMMISSION

www.CapeCodCommission.org

AOC Area of Concern **CCC** Cape Cod Commission **CCPEDC** Cape Cod Planning and Economic Development Council CIP Capital Improvements Plan

**CCNS** Cape Cod National Seashore **CWMP** Comprehensive Wastewater Management Plan **CWNMP** Comprehensive Wastewater and Nutrient Management Plan **DCPC** District of Critical Planning Concern **DRI** Development of Regional Impact

LCP Local Comprehensive Plan MEP Massachusetts Estuaries Project NPC Notice of Project Change PALS Ponds And Lake Stewards **USGS** United States Geological Survey

**EIR** Environmental Impact Report

**WWFP** Wastewater Facilities Plan

Section 208 Areawide

Plan for Cape Cod

Approved

SMAST School for Marine Science and Technology at University of Massachusetts Dartmouth **WPCF** Water Pollution Control Facility

# **Common Acronyms**

Regionalization Study

(Orleans- Brewster-

Grant Application

2011

USRDA, Water Supply

Source Development

Eastham)

AOC Area of Concern

**CCC** Cape Cod Commission **CCPEDC** Cape Cod Planning and Economic Development Council

**CCNS** Cape Cod National Seashore

**CIP** Capital Improvements Plan

**CWMP** Comprehensive Wastewater Management Plan **CWNMP** Comprehensive Wastewater and Nutrient Management Plan

**DCPC** District of Critical Planning Concern **DRI** Development of Regional Impact

**USGS** United States Geological Survey

**WPCF** Water Pollution Control Facility **WWFP** Wastewater Facilities Plan

**SMAST** School for Marine Science and Technology

at University of Massachusetts Dartmouth

**EIR** Environmental Impact Report

MEP Massachusetts Estuaries Project

**LCP** Local Comprehensive Plan

**NPC** Notice of Project Change

**PALS** Ponds And Lake Stewards

Eastham DPW attempting to get improved stormwater

catchment and drainage on

Orleans Selectmen

Vote not to relicense Tri-Town Treatment

Herring Brook culvert reconstruction.

Culvert reconstruction

at Cole Beach/parking

Public Water Supply

Great Pond alum

\$220,000

Town issued Notice of

Responsibility for 1,4-dioxane

landfill. Immediate Action

Response Action Reports

Sept. 2013

2013

found in residential wells near

submitted to DEP March 2013,

options fail at town meeting, \$114.8 million

treatment approved by Town Meeting,

Public Water Supply options fail at special

town meeting, \$114.8

Great Pond alum

**SECTION 208 PLAN UPDATE** 

STAKEHOLDER MEETINGS

Nauset/Cape Cod Bay Marsh

■ Wellfleet Harbor/Pamet River

(3 for each watershed group

Cape Cod Bay

Action Plan for

Nauset MEP received

Removal of old

cranberry dyke at Sunken Meadow to

enhance saltwater

flushing of marsh.

Reconstruction of Ellis

Road with permeable

asphalt eliminated

stormwater runoff to

\$32 million public water system, fails at

town meeting.

Scientific Peer Review Panel

find MEP data

adequate for

purposes.

2012

State Route 6 at/near Salt Pond. Ongoing through 2014.

Cape Cod Area Wide Water Quality Mangement Plan Update

Tri-Town Treatment

2015

Plant Agreement to