Appendix 2M "Chronology of Water Planning Efforts in Provincetown"

Provincetown: 1970-2013

Sewer/wastewater construction loans.

Exemption approved for handling fees.

Article 7:

Approve

Home Rule for

facility design-

wastewater

system.

build-operate

From Cape Cod's 1978 Section 208 Plan

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

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

- Provincetown also has a serious wastewater management problem in the downtown area. Several private studies of water quality ... concluded that contamination threatening public health exists in the harbor. Storm drains have been cited as the major
- source, to which septic system overflows are believed to be contributors.
- It is public knowledge that failing cesspools are widely used by commercial establishments and are pumped as often as three times a day during the summer.
- It is recommended that if the town fails to initiate a 201 study to update and implement facility plans completed for the town ... by 1980, the DEQE should take enforcement action against the town for violations of Title 5.
- Augmentation of water supply to be disposed of onsite will raise the water table in downtown Provincetown, aggravating on-site system problems.
- Finally, the limitations of the water supply must be recognized and firm measures taken to prevent stimulation of growth by sewer construction.



****** 3,536 +**0.71**%

Ongoing Article 17: Directs town to develop municipal sewer 1994

3,561 CHANGE: -3.65%

MEPA Application for Comprehensive Sewer project.

operation commences.

Pump out boat

******* 3,431

Sewer expansion for public uses approved. laundromat operation.

Sewer operation designated self-funded Enterprise System.

Special Legislation

Article 3. System

to be supported

taxes. \$500,000

Article 3. Facilities

Design/SRF 0%

Burn Dump

Treatment

Loan Program/Old

Building Location.

Article 2. Approve

Deferral of Sewer

Use Charges for

Owners 65 and

without local

signed by

EPA Beach Initiative.

Atkins Lane, Ryder "Flagship Beaches"

Bathing beach testing

Wastewater Facilities

Construction/SRF 0%

Sewer Betterment

Assessment Deferral

Authorize Design-

Article 4. Upgrade

Leaching Area E to Create a Ballfield.

Phase II Facilities

Final EIR, Phase I

Planning. \$215,000

Article 13. Wastewater

Build-Operate Contract

for Low-income Elderly

\$16,499,500

CHANGE: -14.25%

2005

Phase II Facilities

Article 29. Study

Treatment Plant

Septage at

Wastewater

Planning. \$200,000

\$20,000

Appropriation

Report/Study

Regulatory/Town Meeting Action

Infrastructure/Plan Implementation

Section 208 Update Stakeholder Process

County creates Cape

Center for Coastal Studies Water Quality

Monitoring Program

2007 Capital

\$150,000

Phase 2 Expansion, 20

\$6,200,000

properties to be added

Article 1. Wastewater

Expansion - Borrowing Authorization.

Approval, Phase II

Article 6. FY

2008 Capital

Improvement

2008

Program.

Collaborative

Wastewater

Expansion -

Borrowing

Authorization \$1,500,000

Stormwater

Improvements \$100,000

Wastewater

\$200,000

Master Plan

Cod Water Protection

******* 2,942

2010

Approval, Phase III -

Phase 3

920 properties through

Point and non-

point source

EPA. Through

Human indicator

Rvder Street

tracking, WHOI at

Approval, Expanded

Master Plan

Improvement \$100,000

Article 6.

Wastewater

Supplemental. \$3,900,000

2012

Expansion –

2011

Article 1. Wastewater

Borrowing. \$1,500,000

Panel find MEP data

Scientific Peer Review

adequate for planning

Treatment plant

- Supplemental. \$4,500,000

Article 5-6. Storm

2013

750K gpd

capacity increase to

Wastewater Expansion

Common Acronyms

2,911 POPULATION CHANGE: **+21.47%**

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

EIR Environmental Impact Report LCP Local Comprehensive Plan

MEP Massachusetts Estuaries Project **NPC** Notice of Project Change PALS Ponds And Lake Stewards

at University of Massachusetts Dartmouth **USGS** United States Geological Survey

WPCF Water Pollution Control Facility

SMAST School for Marine Science and Technology **WWFP** Wastewater Facilities Plan

2002 2004

Broke Ground,

350 properties

planned/ 435

Article 2. Phase I

Article 12.

Expenses. \$1,000,000

Supplemental

Expenses. \$1,957,000

Operations begin, 185 properties added.

Common Acronyms

2009

AOC Area of Concern

SMAST water sampling,

Provinvcetown and

Article 2.

Wastewater

sewer.

Optimization and

Expansion. \$200,000

Boat pumpout

connected to town

authorizes

CWMPs

Checkerboard

Sewering with

Hatches harbors.

Through 2010

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

PALS Ponds And Lake Stewards **SMAST** School for Marine Science and Technology at University of Massachusetts Dartmouth

USGS United States Geological Survey

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

EIR Environmental Impact Report

MEP Massachusetts Estuaries Project

LCP Local Comprehensive Plan

NPC Notice of Project Change



Approval, Expanded

SECTION 208 PLAN UPDATE

(3 for each watershed group)

Provincetown Harbor

Hathces Harbor

STAKEHOLDER MEETINGS

CAPE COD