

Comprehensive Wastewater Management Plan

Town of Bourne, MA

Common Terms and Acronyms

Update: 03/22/2021

Acronyms A—E

We summarized some terms you may come across during the CWMP process. We encourage you to print out this sheet and keep it handy while reading reports as a quick reference. Acronyms and terms underlined and in blue font have a clickable link directly to the website for the resource.

208 Plan: The Section 208 Area Wide Water Quality Management Plan, developed under Section 208 of the Clean Water Act in 1978 and updated in 2015, is a framework to restore embayment water quality on Cape Cod. See also CCC.

303(d) List: Massachusetts' list of impaired and threatened waters per Clean Water Act Section 303(d).

ACEC: Areas of Critical Environmental Concern

BBC: Buzzards Bay Coalition

BGS: Below Ground Surface

BMP: Best Management Practice can be used to describe a stormwater treatment system or standard of care

BOD5: 5-Day Biochemical Oxygen Demand measures the organic strength of wastewater

BOH: Board of Health

CCC: Cape Cod Commission is the regional land use planning, economic development, and regulatory agency created in 1990 to serve the citizens and 15 towns of Barnstable County, Massachusetts.

CEC: Contaminants of Emerging Concern

CFR: Code of Federal Regulation

CMR: Code of Massachusetts Regulations

CWA: Clean Water Act

CWMP: Comprehensive Wastewater Management Plan; See Town Website "Frequently Asked Questions" Fact Sheet

For more information, visit these resources:

- [Cape Cod Commission](#)
- [Barnstable County Department of Health and Environment](#)
- [Buzzards Bay Coalition, Upper Bay Project](#)

DEIR: Draft Environmental Impact Report

DEP: Department of Environmental Protection

DO: Dissolved Oxygen

DRI: Development of Regional Impact

EIR: Environmental Impact Report

ENF: Environmental Notification Form

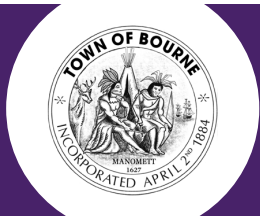
EOEEA: Executive Office of Energy and Environmental Affairs

EP or EPG: Environmental Partners Group, Inc.



Photo: Wild Harbor, Credit: Buzzards Bay National Estuaries Program

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Acronyms F—P

FEIR: Final Environmental Impact Report

FEMA: Federal Emergency Management Agency

FIRM: Federal Insurance Rate Map

GIS: Geographic Information System

GWDP: Groundwater Discharge Permit

GPD or (gpd): Gallons per Day

I/A: Innovative and Alternative Onsite System

I/I: Inflow and Infiltration, or uncontrolled flow sources into a sewer system. Typically from breaches in manholes, pipe joints, service connections or illegal connections.

IMA: Inter-municipal Agreement

IUP: Intended Use Plan

JBCC: Joint Base Cape Cod

LCP: Local Comprehensive Plan, completed in 2019 by Town of Bourne

LIDAR: Light Detection and Ranging; used for gathering terrain and elevation data, typically by drone or aircraft use.

MASSGIS: Massachusetts Office of Geographic Information Systems

MCL: Maximum Contaminant Level

MEP: Massachusetts Estuaries Project

MEPA: Massachusetts Environmental Policy Act, is a public review of potential environmental impacts of projects.

MESA: Massachusetts Endangered Species Act

mg/L: Milligrams per Liter

MMA: Massachusetts Maritime Academy



Photo: Red Brook Harbor, Credit: Buzzards Bay National Estuary Program

NEIWPCC: New England Interstate Water Pollution Control Commission is a regional commission that helps the states of the Northeast preserve and advance water quality.

NEP: National Estuary Program

NEPA: National Environmental Policy Act

NHESP: National Heritage and Endangered Species Program

NOAA: National Oceanic and Atmospheric Administration, a federal department of the U.S. Department of Commerce

NPC: Notice of Project Change

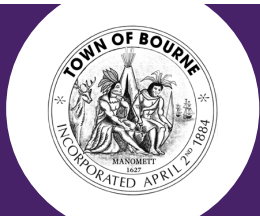
NRCS: National Resources Conservation Service; a federal agency which provides soil data and regional agricultural support

NPS: Non-point source; describes water runoff which is collected from several sources (ground, street, roof) as opposed to a point source or single outlet (effluent pipe or groundwater discharge wick)

PPM: Parts Per Million; see also “mg/L”

PRB: Permeable Reactive Barrier

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Acronyms Q—Z

SAS: Soil Absorption System also known as a leach field

SBR: Sequencing Batch Reactor; a technology used for wastewater treatment

SCADA: Supervisory Control and Data Acquisition; A process control and monitoring system for Water and Wastewater Treatment Facilities

SMAST: School of Marine Science and Technology, University of Massachusetts Dartmouth

SNEP: Southeast New England Program; A partnership of government and non-government organizations all collaborating to innovatively improve water quality and habitats within New England's coastal watersheds.

SRF: State Revolving Fund

SSO: Sanitary Sewer Overflow

TMDL: Total Maximum Daily Load

TN: Total Nitrogen

TR-16: Technical Report No. 16—Guides for the Design of Wastewater Treatment Works by NEIWPCC; Used as guide by engineers and operators for design criteria

TSS: Total Suspended Solids

USEPA: United States Environmental Protection Agency

USGS: United States Geologic Survey; A federal agency responsible for soil, groundwater, stream and environmental data collection.

UV: Ultraviolet; A method for disinfection of wastewater effluent prior to discharge.

WPA: Wetlands Protection Act

WQS: Water Quality Standard

WWTF or WWTP: Wastewater Treatment Facility or Wastewater Treatment Plant.



Photo: Back River, Credit: Buzzards Bay National Estuaries Program

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