

## GLOSSARY OF COMMON ACRONYMS

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ABF	Aerated Biological Filters
ACEC	Areas of Critical Concern
ACRE	Applied Coastal Research and Engineering, Inc.
AOC	Area of Concern
AOP	Advanced Oxidation Processes
APCC	Association to Preserve Cape Cod
ATAD	Autothermal Thermophilic Aerobic Digestion
BAC	Biological Activated Carbon
BAF	Biologically Active Filters
BCDHE	Barnstable County Department of Health and Environment
BCP	Barnstable Comprehensive Plan
BMP	Best Management Practices
BNR	Biological Nitrogen Removal
BOD	Biological Oxygen Demand
BOH	Board of Health
CCC	Cape Cod Commission
CCWPC	Cape Cod Water Protection Collaborative
CEC	Contaminants of Emerging Concern
CFR	Code of Federal Regulation
CMR	Code of Massachusetts Regulations
CNR	Cyclical Nitrogen Removal
COD	Chemical Oxygen Demand
CWA	Clean Water Act
CWMP	Comprehensive Wastewater Management Plan
CZM	Coastal Zone Management
DBP	Disinfection By-Products
DCPC	District of Critical Planning Concern
DCWMP/DEIR	Draft Comprehensive Wastewater Management Plan and Draft Environmental Impact Report
DMF	Division of Marine Fisheries
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DPW	Department of Public Works
DRI	Development of Regional Impact
EDC	Endocrine Disrupting Compounds
EIR	Environmental Impact Report
eMLE	enhanced Modified Ludzack-Ettinger
ENF	Environmental Notification Form
ENR	Enhanced Nitrogen Removal
FAST	Fixed Activated Sludge Treatment
FCWMP/FEIR	Final Comprehensive Wastewater Management Plan and Final Environmental Impact Report
FFL	Falmouth Friendly Lawn

## Glossary of Common Acronyms (continued)

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GAC	Granular Activated Carbon
GIS	Geographic Information System
gpd	gallons per day
gpd/im	gallons per day per inch-mile
gpd/sf	gallons per day per square foot
GWDP	Groundwater Discharge Permit Program
HAA	Haloacetic Acids
I/A	Innovative and Alternative
IFAS®	Integrated Fixed Film Activated Sludge
I/I	Infiltration/Inflow
LCP	Local Comprehensive Plan
MassDEP	Massachusetts Department of Environmental Protection
MBBR	Moving Bed Biofilm Reactors
MBR	Membrane Bioreactors
MCL	Maximum Contaminant Level
MEPA	Massachusetts Environmental Policy Act
MEP	Massachusetts Estuaries Project
MF	Microfiltration
MGL	Massachusetts General Law
mgd	million gallons per day
mg/L	milligrams per liter
MIEX	Magnetic Ion Exchange
MLE	Modified Ludzack-Ettinger
MLSS	Mixed Liquor Suspended Solids
MMMS	Marstons Mills middle School
MMR	Massachusetts Military Reservation
MSL	Mean Sea Level
NaOCl	Sodium Hypochlorite
N <sub>2</sub>	Nitrogen Gas
NEPA	National Environmental Policy Act of 1970
NERR	National Estuarine Research Reserve
NF	Nanofiltration
NHESP	Natural Heritage and Endangered Species Program
NH <sub>4</sub>	Ammonium Cation
NH <sub>3</sub> -N	Ammonia Nitrogen
NO <sub>3</sub> -N	Nitrate Nitrogen
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NTU	Nephelometric Turbidity Units
OH	Hydroxyl
O&M	Operations & Maintenance

## Glossary of Common Acronyms (continued)

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PAC	Powdered Activated Carbon
PALS	Pond and Lake Stewardship
POTW	Publicly Owned Treatment Works
PPCP	Pharmaceuticals and Personal Care Products
ppm	parts per million
psi	per square inch
PSTF	Privately-owned Sewage Treatment Facility
RAS	Return Activated Sludge
RBC	Rotating Biological Contactor
RO	Reverse Osmosis
ROW	Right-of-Way
RPP	Regional Policy Plan
RSF	Recirculating Sand Filter
SBR	Sequencing Batch Reactor
SCADA	Computer system that stands for: Supervisory Control and Data Acquisition
SDWA	Safe Drinking Water Act
SMAST	School of Marine Science and Technology
STEG	Septic Tank Effluent Gravity
STEP	Septic Tank Effluent Pump
SWD	Solid Waste Division
TDS	Total Dissolved Solids
THM	Trihalomethane
TKN	Total Kjeldahl Nitrogen
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TOC	Total Organic Carbon
TSS	Total Suspended Solids
UCT	University of Capetown
UF	Ultrafiltration
ULPRO	Ultra Low Pressure Reverse Osmosis
UMass	University of Massachusetts
USDA	U.S. Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UV	Ultraviolet
VIP	Virginia Initiative Plant
WAS	Waste-Activated Sludge
WPA	Wetlands Protection Act
WPCD	Water Pollution Control Division
WPCF	Water Pollution Control Facility
WWTF	Wastewater Treatment Facility
ZOC	Zone of Contribution