

Appendix F. Acronyms

ABS	acrylonitrile butadiene styrene
AChE	acetylcholinesterase
AM	additive manufacturing
ARB	antibiotic-resistant bacteria
ASTM	ASTM International
ATP	adenosine triphosphate
ATR	attenuated total reflectance
BASMAA	Bay Area Stormwater Management Agencies Association
BCF	bioconcentration factor
BDD	boron-doped diamond
BMP	best management practice
BPA	bisphenol A
BTU	British thermal unit
CDPH	California Department of Public Health
DI	deionized
DQO	data quality objectives
DTSC	Department of Toxic Substances Control
DWTP	drinking water treatment plant
EFSA	European Food Safety Authority
EJ	environmental justice
EO	electrochemical oxidation
EPS	expanded polystyrene
ERA	ecological risk assessment
EU	European Union
FAO	Food and Agriculture Organization
FDA	Food and Drug Administration
FTIR	Fourier transform infrared spectroscopy
GC/MS	gas chromatography/mass spectrometry
GRSP	Green Ribbon Science Panel
HDPE	high-density polyethylene
HEPA	high-efficiency particulate air
HHRA	human health risk assessment

HVAC	heating, ventilation, air-conditioning
ICCA	International Council of Chemical Associations
IR	infrared
ISCO	in situ chemical oxidation
ISM	incremental sampling methodology
ITRC	Interstate Technology and Regulatory Council
LCA	life cycle assessment
LDH	layered double hydroxide
LDIR	laser direct infrared microscopy
LDPE	low-density polyethylene
LOI	loss on ignition
MALDI	matrix-assisted laser desorption/ionization
MBR	membrane bioreactor
mg	milligram
MJ/kg	megajoule per kilogram
mL	milliliter
MMT	million metric tons
MP	microplastic or microplastics
MSW	municipal solid waste
MW	molecular weight
ng	nanogram
NOEC	no observed effects concentration
NP	nanoplastic or nanoplastics
NPDES	National Pollutant Discharge Elimination System
OPC	Ocean Protection Council
P	polyester
PA	polyamide (nylon)
PAH	polycyclic aromatic hydrocarbons
PBT	polybutylene terephthalate
PC	polycarbonate
PCB	polychlorinated biphenyls
PE	polyethylene
PEEK	polyetheretherketone

PET	polyethylene terephthalate
PFAS	per- and polyfluoroalkyl substances
PFTE	polytetrafluoroethylene
PLA	polylactic acid (bioplastic)
PMMA	acrylic (polymethyl methacrylate)
POM	acetal (polyoxymethylene)
POP	persistent organic pollutants
PP	polypropylene
PPE	personal protective equipment
PPTA	poly(p-phenylene-terphthalate)
PS	polystyrene
PSU	polysulfone
PU	polyurethane
PUR	polyurethane
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
QCL	quantum cascade laser
REACH	Registration, Evaluation, Authorisation, and Restriction of Chemicals
RO	reverse osmosis
SAN	styrene acrylonitrile
SAPEA	Science Advice for Policy by European Academies
SB	Senate Bill
SCCWRP	Southern California Coastal Water Research Project
SCP	Safer Consumer Products program
SEM	scanning electron microscopy
SERI	Sustainable Electronics Recycling International
SFEI	San Francisco Bay Estuary Institute
SSD	species sensitivity distribution
SWMP	stormwater management program
SWRCB	State Water Resources Control Board
TD	thermal desorption
TD/GC/MS	thermal desorption gas chromatography/mass spectrometry
TDS	total dissolved solids

TOC	total organic carbon
TRWP	tire and road wear particles
TWP	tire wear particles
µg	microgram
µL	microliter
UN	United Nations
UNEP	United Nations Environment Programme
USD	United States dollars
USEPA	United States Environmental Protection Agency
UV	ultraviolet
VC	vinyl chloride
WHO	World Health Organization
WWTP	wastewater treatment plant