

Appendix F. Acronyms

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| 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 |

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| 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 |

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|----------|---|
| 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 |

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|-------|---|
| 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 |