

Appendix F

List of Abbreviations

AAS	air activated sludge
ADWWF	average daily wet weather flow
APCD	air pollution control district
AQMD	air quality management district
APT	advanced primary treatment
BOAC	Biosolids Ordinance Advisory Committee
BOD	biochemical oxygen demand
Btu	British thermal unit
CASA	California Association of Sanitation Agencies
CCCSD	Central Contra Costa Sanitary District
Cl ₂	chlorine
CLABS	City of Los Angeles, Bureau of Sanitation
cf	cubic feet
CMAS	California Multiple Awards Schedule
CMMS	Computerized Maintenance Monitoring System
CPBES	City of Portland, Bureau of Environmental Services
CSDOC	County Sanitation Districts of Orange County (see OCSD)
CVRWQCB	Central Valley Regional Water Quality Control Board
D	depth
DAFT	dissolved air flotation thickeners
DCS	distributed control system
DLD	dedicated land disposal (at SRCSD)
DNA	deoxyribonucleic acid
DO	dissolved oxygen
DTSC	Department of Toxic Substances Control
EBMUD	East Bay Municipal Utility District
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
F/M	food to microorganism ratio
FTE	full time equivalent
Ft	feet
GBT	gravity belt thickeners
gpd/sf	gallons per day per square foot
gpm	gallons per minute
HP	horsepower
HPOAS	high purity oxygen activated sludge
I/O	input/output
KCDNR	King County Department of Natural Resources
KWh	kilowatt-hours
L	length

Multi-Agency Benchmarking O&M Report

Appendix F

lb	pound
lb VSS/cf	pounds of volatile suspended solids per cubic foot
MCFD	million cubic feet per day
MCRT	mean cell residence time
MG	million gallons
mgd	million gallons per day
mg/l	milligrams per liter
mL/g	milliliter per gram
MLSS	mixed liquor suspended solids
MPN	most probable number
MOU	Memorandum of Understanding
N	nitrogen
O ₂	oxygen
O&M	Operations and Maintenance
OCSD	Orange County Sanitation District
ORP	oxidation-reduction potential
P	phosphorus
PCL	Poole Construction Limited (a biosolids drying contractor)
PLC	programmable logic controller
POTW	Publicly Owned Treatment Works
RAS	return activated sludge
RCRA	Resource Conservation and Recovery Act
RSBT	raw sludge blending tank
RTU	remote terminal unit
RWQCB	Regional Water Quality Control Board
SCADA	Supervisory Control and Data Acquisition
SERT	Soluble or Extractable Regulatory Thresholds
SOR	surface overflow rate
sq ft	square feet
SRCSD	Sacramento Regional County Sanitation District
SRT	solids retention time
SVI	sludge volume index
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TAG	Technical Advisory Group
TCLP	Toxicity Characteristic Leaching Procedure
TSBT	thickened sludge blending tank
TSS	total suspended solids
UV	ultraviolet
VFD	variable frequency drive
VSA	variable swing adsorption
VSS	volatile suspended solids
W	width
WAS	waste activated sludge
WERF	Water Environmental Research Foundation
WET	waste extraction test