

5.14 Acronyms and Abbreviations

ADEC	Alaska Department of Environmental Conservation
ADOT/PF	Alaska Department of Transportation and Public Facilities
ADT	Average Daily Traffic
AQS	Air Quality System
AVFT	Alternative Vehicle and Fuel Technology
BACT	Best Available Control Technology
BAM	Beta Attenuation Monitor
BMP	Best Management Practice
CAA	Clean Air Act
CAIR	Clean Air Interstate Rule
CALMET	California Meteorological Processor (with CALPUFF)
CALPUFF	California Puff Dispersion Model
CAMx	Comprehensive Air quality Model with eXtensions,
CARB	California Air Resources Board
CFR	Code of Federal Regulations
CMAQ	Community Multiscale Air Quality Model
CO	Carbon Monoxide
DEC	Alaska Department of Environmental Conservation
DERG	Diesel Emission Reduction Grant
DON	Degree of Neutralization
DOT&PF	Alaska Department of Transportation and Public Facilities
DSL	Deep Stable Layer
DV	Design Value
EC	Elemental Carbon
EER	Exceptional Events Rule
EEWR	Exceptional Events Waiver Request

EGU	Electric Generating Unit
EPA	US Environmental Protection Agency
FEM	Federal Equivalent Method
FHWA	Federal Highway Administration
FLM	Federal Land Managers
FMATS	Fairbanks Metropolitan Area Transportation Systems
FNSB	Fairbanks North Star Borough
FR	Federal Register
FRM	Federal Reference Method Monitor
FTA	Federal Transit Administration
GVEA	Golden Valley Electric Association
HDD	Heating Degree Days
ICI	Boilers Industrial, Commercial and Institutional Boilers
L RTP	Long Range Transportation Plan
MATS	Modeled Attainment Test Software
MM5	Mesoscale Model Version 5
MOVES	Motor Vehicle Emission Simulator
MPO	Metropolitan Planning Organization
MSA	Metropolitan Statistical Area
MTRS	Meridian/Township/Range/Section
MVEB	Motor Vehicle Emissions Budget
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standard
NEI EPA	National Emission Inventory Database
NH ₃	Ammonia
NO _x	Oxides of Nitrogen
NRDC	Natural Resources Defense Council
NSR	New Source Review
OAQPS	EPA Office of Air Quality Planning and Standards

OC	Organic Carbon
OCMmb	Organic Carbonaceous Mass by Mass Balance
OPP	Other Primary Particulate
OTAQ	EPA Office of Transportation and Air Quality
PBW	Particle Bound Water
PM	Particulate Matter
PM ₁₀	Particulate matter having an aerodynamic diameter of 10 microns or less
PM _{2.5}	Particulate matter having an aerodynamic diameter of 2.5 microns or less
PPM	Parts Per Million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
QM	Quantitative Milestone
RACM	Reasonably Available Control Measure
RACT	Reasonably Available Control Technology
RAMS	Relocatable Air Monitoring System
RFP	Reasonable Further Progress
RPO	Regional Planning Organization
RRF	Relative Response Factor
RVP	Reid Vapor Pressure
SANDWICH	Sulfate, Adjusted Nitrate, Derived Water, Inferred Carbonaceous Material Balance Approach
SCC	Source Classification Code
SIP	State Implementation Plan
SLAMS	State and Local Air Monitoring Site
SMAT	Speciated Modeled Attainment Test
SMOKE	Sparse Matrix Operator Kernel Emissions System
SO ₂	Sulfur Dioxide
SPM	Special Purpose Monitor
STN	Speciation Trends Network
tons/year	Tons per year of pollutant emissions

tpd	Tons Per Day
tpy	Tons Per Year
UMAA	Unmonitored Area Analysis
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
$\mu\text{g}/\text{m}^3$	Micrograms Per Cubic Meter
μm	Micrometer
OHH	Outdoor Hydronic Heater