Amendments to:

State Air Quality Control Plan

Vol. II: III.D.7.15

Acronyms and Abbreviations

Adopted

November 19, 2019

Michael J. Dunleavy, Governor

Jason W. Brune, Commissioner
### 7.15. Acronyms and Abbreviations

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADEC</td>
<td>Alaska Department of Environmental Conservation</td>
</tr>
<tr>
<td>ADOT/PF</td>
<td>Alaska Department of Transportation and Public Facilities</td>
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<tr>
<td>ADT</td>
<td>Average Daily Traffic</td>
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<tr>
<td>AEDT</td>
<td>Aviation Environmental Design Tool</td>
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<tr>
<td>AQS</td>
<td>Air Quality System</td>
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<tr>
<td>AVFT</td>
<td>Alternative Vehicle and Fuel Technology</td>
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<tr>
<td>BACM</td>
<td>Best Available Control Measure</td>
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<tr>
<td>BACT</td>
<td>Best Available Control Technology</td>
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<tr>
<td>BAM</td>
<td>Beta Attenuation Monitor</td>
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<tr>
<td>BMP</td>
<td>Best Management Practice</td>
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<tr>
<td>CAA</td>
<td>Clean Air Act</td>
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<tr>
<td>CAIR</td>
<td>Clean Air Interstate Rule</td>
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<tr>
<td>CALMET</td>
<td>California Meterological Processor (with CALPUFF)</td>
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<tr>
<td>CALPUFF</td>
<td>California Puff Dispersion Model</td>
</tr>
<tr>
<td>CAMx</td>
<td>Comprehensive Air quality Model with eXtensions,</td>
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<tr>
<td>CARB</td>
<td>California Air Resources Board</td>
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<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
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<tr>
<td>CMAQ</td>
<td>Community Multiscale Air Quality Model</td>
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<tr>
<td>CO</td>
<td>Carbon Monoxide</td>
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<tr>
<td>DEC</td>
<td>Alaska Department of Environmental Conservation</td>
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<tr>
<td>DERG</td>
<td>Diesel Emission Reduction Grant</td>
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<tr>
<td>DON</td>
<td>Degree of Neutralization</td>
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<tr>
<td>DOT&amp;PF</td>
<td>Alaska Department of Transportation and Public Facilities</td>
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<tr>
<td>DSL</td>
<td>Deep Stable Layer</td>
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<tr>
<td>DV</td>
<td>Design Value</td>
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<tr>
<td>EC</td>
<td>Elemental Carbon</td>
</tr>
<tr>
<td>EER</td>
<td>Exceptional Events Rule</td>
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</tbody>
</table>
EEWR  Exceptional Events Waiver Request
EGU  Electric Generating Unit
EPA  US Environmental Protection Agency
ESP  Electrostatic Precipitators
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
LRTP  Long Range Transportation Plan
LTO  Landing and Take-Offs
MATS  Modeled Attainment Test Software
MM5  Mesoscale Model Version 5
MOVES  Motor Vehicle Emission Simulator
MPO  Metropolitan Planning Organization
MSA  Metropolitan Statistical Area
MSM  Most Stringent Measure
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
NH₃  Ammonia
NOₓ  Oxides of Nitrogen

III.D.7.15-3
NPE          North Pole Elementary Monitoring Site *Discontinued in 2013
NPFS         North Pole Fire Station #3 Monitoring Site *Renamed to Hurst Road
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

SO₂: Sulfur Dioxide

SOB: State Office Building Monitoring Site

SPM: Special Purpose Monitor

STN: Speciation Trends Network

CSN: Chemical Speciation 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

μg/m³: Micrograms Per Cubic Meter

μm: Micrometer

OHH: Outdoor Hydronic Heater