

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION



Amendments to:

State Air Quality Control Plan

Vol. II: III.D.7.15

Acronyms and Abbreviations

Adopted

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Jason W. Brune, Commissioner

7.15. Acronyms and Abbreviations

| | |
|---------|---|
| ADEC | Alaska Department of Environmental Conservation |
| ADOT/PF | Alaska Department of Transportation and Public Facilities |
| ADT | Average Daily Traffic |
| AEDT | Aviation Environmental Design Tool |
| AQS | Air Quality System |
| AVFT | Alternative Vehicle and Fuel Technology |
| BACM | Best Available Control Measure |
| 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 |

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|-----------------|--|
| 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 |
| NH ₃ | Ammonia |
| NO _x | Oxides of Nitrogen |

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

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|-------------------|--|
| SMOKE | Sparse Matrix Operator Kernel Emissions System |
| SO ₂ | 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/m ³ | Micrograms Per Cubic Meter |
| µm | Micrometer |
| OHH | Outdoor Hydronic Heater |