

Dictionary of Acronyms Used
in Air Pollution Research
and Regulation

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by

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Introduction

Acronyms have been used for decades to abbreviate long-winded terms. They found a great increase in use during World War II where their use became epidemic in the military. After the war, acronyms became commonplace throughout government and big business. Today, they are an integral part of American English and are used in all aspects of society. Their use can be baffling especially when used in the language of given professions or as jargon.

Air pollution research and regulation has generated huge numbers of acronyms. To the uninitiated and even the professional, keeping up with all the air pollution acronyms can be an overwhelming task. This list of acronyms and what they stand for was created to be a helpful tool for both professionals and the public.

This list is limited to acronyms that have appeared in the literature. Some are common to water pollution and solid waste disposal as well as in use in air pollution endeavors. Some of them are redundant, as seen in acronyms for the U. S. Fish and Wildlife Service which has at least four acronyms. One acronym

can stand for several different phrases (AQM ,ESA, NADP, and others). There are even some that seem to make no sense (AMBI, CHAM, etc.).

This dictionary of acronyms used in air pollution research and regulation does not include acronyms for citizen action groups, colleges, universities, private corporations, or goods or services offered by these corporations. Nor does it include chemical notation or formulae, but does include acronyms for some of the more commonly used chemical compounds appearing in air pollution journals (ATP, CFC, EDU, TMC, etc.). This list contains no acronyms for individual National Parks, National Forests, or other federal land holdings. New acronyms are hitting the press constantly and keeping up with their production is indeed, a full time job; however, it is hoped that this will be an aid to whomever uses it.

Acronyms and their Meaning

AA -	Ambient Air
AA -	Atomic Absorption
ABA -	Abscisic Acid
ABAG -	Association of Bay Area Governments
ACE -	Agriculture in Concert with the Environment
ACID-MODES -	Acid Model Operational-Diagnostic Evaluation Study
ACIL -	American Council of Independent Laboratories
ADEM -	Alabama Department of Environmental Management
ADEQ -	Arizona Department of Environmental Quality
ADNR -	Alaska Department of Natural Resources

ADPCE -	Arkansas Department of Pollution Control and Ecology
ADOM -	Acid Deposition Oxident Model
ADH -	Antecedent Dry Hours
ADP -	Adenosine Diphosphate
ADPG -	Adenosine Diphosphate Glucose
AF -	Application Factor
AFA -	American Forestry Association
AFC -	American Forest Council
AFEP -	Advanced Fossil Energy Program
AFS -	American Filtration Society
AIBS -	American Institute of Biological Sciences
AIChE -	American Institute of Chemical Engineers
AIRS -	Aerometric Information Retrieval System
ALBIOS -	Aluminum in Biosphere
AMBI -	Automated Air Pollution Biological Indicator
AMD -	Acid Mine Dainage
AMS -	Area and Mobile Subsystem
AMTIC -	Ambient Monitoring Technology Information Center
ANC -	Acid Neutralizing Capacity
ANL -	Argonne National Laboratory
ANPR -	Advance Notice of Proposed Rulemaking
APC -	Air Pollution Control
APCA -	Air Pollution Control Association of the United States and Canada
APCD -	Air Pollution Control District
APCD -	Air Pollution Control Division
API -	American Paper Institute

API -	American Petroleum Institute
AQ -	Air Quality
AQCR -	Air Quality Control Region
AQCD -	Air Quality Criteria Document
AQIRB -	Air Quality Improvement Research Program
AQM -	Air Quality Modeling
AQM -	Air Quality Monitoring
AQMA -	Air Quality Maintenance Area
AQMA -	Air Quality Modeling Analysis
AQMD -	Air Quality Management District
AQMP -	Air Quality Maintenance Plan
AQRV -	Air Quality Related Values
AQS -	Air Quality Standards
ARB -	Air Resources Board
ARD -	Air Resources Division
AREAL -	Atmospheric Research and Exposure Assessment Laboratory
ARI -	Air conditioning and Refrigeration Institute
ARIP -	Accident Release Information Program
ARNEWS -	Acid Rain National Early Warning System
ARS -	Agricultural Research Service
AS -	Area Source
ASAE -	American Society of Agricultural Engineers
ASCE -	American Society of Civil Engineers
ASCS -	Agricultural Stabilization and Conservation Service
ASME -	American Society of Mechanical Engineers
ASN -	Alabama Supercomputer Network
ASP -	American Society of Photogrammetry

ASRL -	The Atmospheric Science and Remote Sensing Laboratory
ASTM -	American Society for Testing and Materials
ATERIS -	Air Toxics Exposure and Risk Information System
ATP -	Adenosine Triphosphate
AUM -	Animal Unit Month
AV -	Area / Velocity
AVHRR -	Advanced Very High Resolution Radiometer
AWMA -	Air and Waste Management Association
BA -	Basal Area
BACT -	Best Available Control Technology
BAI -	Basal Area Increment
BAM -	Bureau of Air Management
BAT -	Best Available Technology
BCA -	Benefit - Cost Analysis
BCA -	Biotic Condition Index
BCC -	Base Cation Concentration
BCI -	Biotic Condition Index
BDT -	Best Demonstrated Technology
BEC -	Base Exchange Capacity
BEC -	Branch Exposure Chamber
BLIS -	RACR/BACT/LAER Information System
BLM -	Bureau of Land Management
BMP -	Best Management Practice
BNA -	Bureau of National Affairs
BNL -	Brookhaven National Laboratory
BOD -	Biochemical Oxygen Demand
BOF -	Basic Oxygen Furnace

BSR -	Biological Sulfate Reduction
BTU -	British Thermal Unit
CAA -	Clean Air Act
CAAA -	Clean Air Act Amendments
CAI -	Current Annual Increment
CAM -	Crassulacean Acid Metabolism
CAP -	Criteria Air Pollutants
CAPCD -	Colorado Air Pollution Control Division
CARB -	California Air Resources Board
CAS -	Chemical Abstract Service
CAST -	Council for Agricultural Science and Technology
CASTNET -	Clean Air Status and Trends Network
CBC -	Christmas Bird Count
CBOT -	Chicago Board of Trade
CC -	Chlorocarbons
CCC -	Corporate Conservation Council
CCF -	Crown Competition Factor
CCPS -	Center for Chemical Process Safety
CDAC -	Carbon Dioxide Assessment Committee
CDC -	Center for Disease Control
CDEP -	Connecticut Department of Environmental Protection
CDM -	Climatological Dispersion Model
CEA -	Certified Environmental Auditors
CEC -	Cation Exchange Capacity
CEF -	Critical Environmental Feature
CEM -	Continuous Emission Monitoring
CEMRP -	Carlsbad Environmental Monitoring and Research

Program

CEMS -	Continuous Emission Monitoring System
CEQ -	Council on Environmental Quality
CER -	Carbon Exchange Rate
CERCLA -	Comprehensive Environmental Response, Compensation, and Liability Act
CF -	Charcoal Filtered
CFC	Chlorofluorocarbon
CFES -	Center for Forest Environmental Studies
CFR -	Code of Federal Regulations
CHC -	Chlorinated Hydrocarbons
CHAM -	Controlled Environment Fumigation Chamber
CHIEF -	Clearinghouse for Inventories and Emissions Factors
CHMM -	Certified Hazardous Materials Manager
CKRC -	Cement Kiln Recycling Coalition
CLESS -	Chamberless Fumigation System
CLP -	Contract Laboratory Program
CMA -	Chemical Manufacturers Association
CMP -	Center for Materials Production
CMSA -	Consolidated Metropolitan Statistical Area
CNG -	Compressed Natural Gas
COE -	Army Corps Of Engineers
COHMEX -	Cooperative Huntsville Meteorological Experiment
COI -	Cost Of Illness
CORA -	Cost Of Remedial Action
CP -	Conditional Probability
CPUE -	Cost Per Unit Effort
CRF -	Capital Recovery Factor

CRDL -	Contact Required Detection Limit
CRM -	Certified Reference Method
CRM -	Coordinated Resources Management
CRMP -	Coordinated Resource Management Planning
CRP -	Conservation Reserve Program
CRQL -	Contract Required Quantification Limits
CSCAB -	California South Coast Air Basin
CSTR-	Continuously Stirred Tank Reactor
CTC -	Closed-Topped Chambers
CTC -	Control Technology Center
CTG -	Control Techniques Guideline
CV -	Contingent Valuation
CVM -	Contingent Value Measurement
CWA -	Clean Water Act
CWI -	Cross Wind Integrated
CWRT -	Center for Waste Reduction Technologies
DAHM -	Division of Air and Hazardous Materials
DAQC -	Division of Air Quality Control
DAR -	Division of Air Resources
DAS -	Data Acquisition System
DBH -	Diameter at Breast Height
DBMS -	Data Base Management System
DC -	Direct Cost
DCDCRA -	District of Columbia Department of Consumer and Regulatory Affairs
DCS -	Data Collection System
DDNREC -	Delaware Department of Natural Resources and Environmental Control
DDRP -	Direct/Delayed Response Project

DED -	Dutch Elm Disease
DEM -	Department of Environmental Management
DEP -	Department of Environmental Protection
DEQ -	Department of Environmental Quality
DEQO -	Department of Environmental Quality of Oregon
DHEC -	Department of Health and Environmental Control
DHES -	Department of Health and Environmental Sciences
DIAL -	Differential Absorption Lidar
DMSP -	Defense Meteorological Satellite Program
DNR -	Department of Natural Resources
DNREC -	Department of Natural Resources and Environmental Control
DIC -	Dissolved Inorganic Carbon
DOC -	Disolved Organic Compound
DOD -	Department of Defense
DOE -	Department of Energy
DOI -	Department of the Interior
DOJ -	Department of Justice
DOL -	Department of Labor
DOT -	Department of Transportation
DUV -	Damaging Ultraviolet Radiation
2DDP -	Two-Dimensional Data Plane
EA -	Environmental Assessment
ECAMP -	Environmental Compliance Assessment and Management Program
ECD -	Electron Capture Detector
EDF -	Environmental Defense Fund
EDS -	Energy Dispersive (x-ray) Spectroscopy

EDU -	Ethylene Diurea
EEC -	Expected Environmental Concentration
EEC -	European Economic Community
EES -	Environmental Extension Service (EPA)
EGR -	Emission Gas Recycling
EGR -	Exhaust Gas Recirculation
EHS -	Extremely Hazardous Substance
EI -	Emission Inventory
EIIE -	Estimated Impact of Increased Emissions
EIS -	Environmental Impact Statement
EKMA -	Empirical Kinetic Modeling Approach
ELISA -	Enzyme-Linked Immunosorbent Assay
EMAP -	Environmental Monitoring and Assessment Program
EMEFS -	Eulerian Model Evaluation Field Study
EMF -	Electromagnetic Fields
EMI -	Electromagnetic Interference
EMTIC -	Emission Measurement Technical Information Center
EOS -	Earth - Observing System
EPA -	Environmental Protection Agency
EPA/C -	Environmental Protection Agency / Corvallis
EPA/NDDN -	Environmental Protection Agency / National Dry Deposition Network
EPA/RTP -	Environmental Protection Agency / Research Triangle Park
EPCRA -	Emergency Planning and Community Right-to-know Act
EPRI -	Electric Power Research Institute
EPRI/OEN -	Electric Power Research Institute / Operational Evaluation Network
ERA -	Environmental Risk Analysis

ERL -	Environmental Research Laboratory
EROS -	Earth Resources Observation System
ES -	Emission Standard
ESA -	Ecological Society of America
ESA -	Endangered Species Act
ESA -	Entomological Society of America
ESI -	Expanded Site Inspection
ESP -	Electrostatic Precipitator
ESSA -	Environmental Science Service Administration
ET -	Evapotranspiration
ETAQMP -	East Tennessee Air Quality Management Program
FAA -	Federal Aviation Administration
FAD -	Flavin Adenine Dinucleotide
FADH -	Reduced Flavin Adenine Dinucleotide
FCC -	False Color Composite
FCG -	Florida Electric Power Coordinating Group
FDA -	Food and Drug Administration
FDEM -	Florida Department of Environmental Management
FDER -	Florida Department of Environmental Regulations
FEMA -	Federal Emergency Management Agency
FERC -	Federal Energy Regulatory Commission
FGD -	Flue Gas Desulfurization
FGDS -	Flue Gas Desulfurization System
FGYM -	Forest Growth and Yield Model
FHD -	Foliage Height Diversity
FHM -	Forest Health Monitoring
FHP -	Forest Health Protection
FIA -	Forest Inventory Analysis

FID -	Flame Ionization Detector
FIP -	Federal Implementation Plan
FIFRA -	Federal Insecticide, Fungicide, and Rodenticide Act
FLCS -	Forest Land Classification System
FLM -	Federal Land Manager
FLPMA -	Federal Land Policy and Management Act
FM -	Fine Mass
FORAST -	Forest Responses to Anthropogenic Stress
FPM -	Forest Pest Management
FR -	Federal Register
FRES -	Forest and Range Environmental Systems
FRRRPA -	Forest and Rangeland Renewable Resources Planning Act
FS -	Forest Service
FSBAP -	Federal Small Business Assistance Program
FTC -	Flow Through Curve
FTE -	Full Time Equivalent
FTP -	Federal Test Procedures
FVC -	Forced Vital Capacity
FWS -	Fish and Wildlife Service
GACT -	Generally Available Control Technology
GAO -	General Accounting Office
GC -	Gas Chromatography
GC/FID -	Gas Chromatography / Flame Ionization Detector
GCC -	Global Climate Change
GCM -	General Circulation Model
GCVTC -	Grand Canyon Visibility Transport Commission

GDNR -	Georgia Department of Natural Resources
GEM -	Global Environmental Monitoring
GEP -	Good Engineering Practice
GER -	General Environmental Reservoir
GFDL -	Geophysical Fluid Dynamics Laboratory
GGGTTTC -	Global Greenhouse Gases Technology Transfer Center
GIS -	Geographic Information System
GISS -	Goddard Institute for Space Studies
GMT -	Greenwich Mean Time
GPO -	Government Printing Office
GPP -	Gross Primary Productivity
HAP -	Hazardous Air Pollutant
HAPPS -	Hazardous Air Pollutant Prioritization System
HAZMAT -	Hazardous Material
HC -	Hydrocarbons
HCFC -	Hydrochlorofluorocarbons
HCMTS -	Hydrocarbon Measurement Technology and Standards
HCN -	Historic Climatic Network
HDPE -	High Density Polyethylene
HEMD -	Hawaii Environmental Management Division
HFC -	Hydroflourocarbon
HLCS -	Habitat Linear Classification System
HLI -	Habitat Layers Index
HLW -	High Level Waste
HON -	Hazardous Organic National (standards)
HPM -	Hedonic Pricing Method
HQI -	Habitat Quality Index
HRGC -	High Resolution Gas Chromatography

HRMS -	High Resolution Mass Spectrometry
HRS -	Hazard Ranking System
HRSG -	Heat Recovery Steam Generator
HSI -	Habitat Suitability Index
HSWA -	Hazardous and Solid Waste Amendments
HT -	Habitat Type
HTCM -	Hedonic Travel Cost Method
HVAC -	Heating, Ventilation, and Air Conditioning
HWTC -	Hazardous Waste Treatment Council
IAA -	Indoleacetic Acid
IAAQO -	International Association of Air Quality Officials
IACP -	Integrated Air Cancer Project
IAG -	Inter-Agency Agreement
IAPC -	International Air Pollution Congress
IAQ -	Indoor Air Quality
IBA -	Indolebutyric Acid
IBI -	Index of Biotic Integrity
IBP -	International Biological Program
IC -	Indirect Cost
ICAC -	International Clean Air Congress
IDEM -	Indiana Department of Environmental Management
IDEQ -	Idaho Division of Environmental Quality
IDL -	Instrument Detection Limit
IDNR -	Iowa Department of Natural Resources
IEPA -	Illinois Environmental Protection Agency
IFS -	Integrated Forest Study
IGT -	Institute of Gas Technology

ILWAS -	Integrated Lake Watershed Acidification Study
IMPROVE -	Interagency Monitoring of Protected Visual Environments
IOP -	Intensive Operating Period
IPCC -	Intergovernmental Panel on Climate Change
IPM -	Integrated Pest Management
IR -	Infrared
IRC -	International Rangelands Conference
ISCLT -	Industrial Source Complex model, Long Term
ISCST -	Industrial Source Complex model, Short Term
ITC -	Interagency Testing Committee
IUAPPA -	International Union of Air Pollution Prevention Associations
IUPAC -	International Union of Pure and Applied Chemistry
JOI -	Joint Oceanographic Institute
KDEP -	Kentucky Department of Environmental Protection
KDHE -	Kansas Department of Health and Environment
LAC -	Light Absorbing Carbon
LAER -	Lowest Achievable Emission Rate
LAI -	Leaf Area Index
LANL -	Los Alamos National Laboratory
LAR -	Leaf Area Ratio
LCA -	Life Cycle Analysis
LCIA -	Life Cycle Impact Analysis
LCIA -	Life Cycle Improvement Analysis
LCP -	Light Compensation Point
LCPSH -	Linear Classification and Physical Structure of Habitat
LCR -	Live Crown Ratio

LD -	Low Density
LDAR -	Leak Detection and Repair
LDEQ -	Louisiana Department of Environmental Quality
LDI -	Landscape Development Intensity
LDL -	Lower Detection Limit
LEC -	Limestone Emissions Control
LHQI -	Lake Habitat Quality Index
LMADC -	Lake Michigan Air Directors Consortium
LMOS -	Lake Michigan Ozone Study
LNG -	Liquified Natural Gas
LOD -	Limit Of Detection
LOEC -	Lowest Observed Effective Concentration
LOQ -	Limit of Quantification
LPE -	Law on Protecting the Environment
LPG -	Liquified Petroleum Gas
LPM -	Lagrangian Photochemical Model
LSP -	Light Saturation Point
LSU -	Landscape Sampling Unit
LTER -	Long Term Ecological Research
LTERM -	Long Term Ecological Research and Monitoring
LWR -	Leaf Weight Ratio
MAB -	Man and Biosphere
MACL -	Mobile Atmospheric Chemistry Laboratory
MACT -	Maximum Achievable Control Technology
MAH -	Mid-Atlantic Highlands
MAI -	Mean Annual Increment
MAP3S -	Multi-State Atmospheric Pollution and Power Production Study

MARAMA -	Mid-Atlantic Regional Air Management Agreement
MCI -	Macroinvertebrate Community Index
McIDAS -	Man Computer Interaction Data System
MCCP -	Mountain Cloud Chemistry Program
MCL -	Maximum Contamination Level
MD -	Meteorological Data
MDE -	Maryland Department of the Environment
MDEQ -	Mississippi Department of Environmental Quality
MDEP -	Maine Department of Environmental Protection
MDEP -	Massachusetts Department of Environmental Protection
MDHES -	Montana Department of Health and Environmental Sciences
MDL -	Minimum Detectable Limit
MDNR -	Michigan Department of Natural Resources
MEK -	Methyl Ethyl Ketone
MIBK -	Methyl Isobutyl Ketone
MIEB -	Management Institute for Environment and Business
MIR -	Maximum Incremental Reactivity
MIS -	Management Indicator Species
MLR -	Multilinear Regression
MOA -	Memorandum of Agreement
MOIR -	Maximum Ozone Incremental Reactivity
MOU -	Memorandum of Understanding
MPCA -	Minnesota Pollution Control Agency
MQL -	Method Quantification Limit
MQL -	Minimum Quantifiable Limit
MRAD -	Minor Restricted Activity Day
MS -	Mass Spectrometry

MSA -	Metropolitan Statistical Area
MSDS -	Material Safety Data Sheet
MSL -	Mean Sea Level
MSS -	Multispectral Scanner
MSWI -	Municipal Solid Waste Incinerator
MTR -	Minimum Technological Requirements
MUSY -	Multiple Use - Sustained Yield Act
MVMA -	Motor Vehicle Manufacturers Association
MWI -	Medical Waste Incinerator
NA -	Non-Attainment
NAA -	Naphthalene Acid
NAA -	Neutron Activation Analysis
NAA -	Non-Attainment Area
NAAQS -	National Ambient Air Quality Standard
NACD -	National Association of Conservation Districts
NACEPT -	National Advisory Council for Environmental Policy and Technology
NAD -	Nicotinamide Adenine Dinucleotide
NADB -	National Aerometric Data Bank
NADH -	Reduced Nicotinamide Adenine Dinucleotide
NADP -	National Atmospheric Deposition Program
NADP -	Nicotinamide Adenine Dinucleotide Phosphate
NADPH -	Reduced Nicotinamide Adenine Dinucleotide Phosphate
NADP/NTN -	National Atmospheric Deposition Program / National Trends Network
NAM -	National Association of Manufacturers
NAPAP -	National Acid Precipitation Assessment Program
NAR -	Net Assimilation Rate

NARS -	National Archives and Records Service
NAS -	National Academy of Science
NASA -	National Aeronautics and Space Adminsitration
NASQAN -	National Stream Quality Accounting Network
NASS -	National Agricultural Statistical Survey
NATICH -	National Air Toxics Information Clearinghouse
NATO -	North Atlantic Treaty Organization
NBS -	National Bioaccumulation Study
NBS -	National Bureau of Standards
NCASI -	National Council of the Paper Industry for Air and Stream Improvement
NCC -	National Climate Center
NCAR -	National Center for Atmospheric Research
NCDEHNR -	North Carolina Department of Environment, Health, and Natural Resources
NCDEM -	North Carolina Division of Environmental Management
NCIC -	National Cartographic Information Center
NCLAN -	National Crop Loss Assessment Network
NDDEE -	North Dakota Division of Environmental Engineering
NDDN -	National Dry Deposition Network
NDEC -	Nebraska Department of Environmental Control
NDEP -	Nevada Division of Environmental Protection
NDRW -	Noland Divide Research Watershed
NDIR -	Non-Dispersive Infrared
NDN -	National Deposition Network
NDVI -	Normalized Difference Vegetation Index
NEPA -	National Environmental Policy Act
NESCAUM -	Northeast States for Coordinated Air Use Management

NESHAP -	National Emission Standards for Hazardous Air Pollutants
NF -	National Forest
NFMA -	National Forest Management Act
NFPA -	National Forest Products Association
NGO -	Non-Government Organization
NHDES -	New Hampshire Department of Environmental Services
NHP -	Natural Heritage Program
NHTSA -	National Highway Transportation Safety Administration
NICE ³ -	National Industrial Competitiveness through Energy, Environment, and Economics
NIH -	National Institute of Health
NIPF -	Non-Industrial Private Forest
NIST -	National Institute of Standards and Technology
NJDEPE -	New Jersey Department of Environmental Protection and Energy
NMDE -	New Mexico Department of the Environment
NMHC -	Non-Methane Hydrocarbons
NMOG -	Non-Methane Organic Gas
NMVOC -	Non-Methane Volatile Organic Compounds
NOAA -	National Oceanic and Atmospheric Administration
NOEC -	No Observed Effect Concentration
NP -	National Park
NPDES -	National Pollution Discharge Elimination System
NPP -	Net Primary Productivity
NPRM -	Notice of Proposed Rulemaking
NPS -	National Park Service
NRC -	National Research Council

NRDC -	Natural Resources Defence Council
NREL -	National Renewable Energy Laboratory
NREP -	National Registry of Environmental Professionals
NRM -	Natural Resources Management
NSF -	National Science Foundation
NSPS -	New Source Performance Standards
NSR -	New Sources Review
NSRS -	New Sources Review Section
NS&T -	National Status and Trends
NSWS -	National Surface Water Survey
NTF -	Net Throughfall Flux
NTIS -	National Technical Information Service
NTN -	National Trends Network
NWI -	National Wetlands Inventory
NWS -	National Weather Service
NYDEC -	New York Department of Environmental Conservation
OAQPS -	Office of Air Quality Planning and Standards
OAQS -	Oklahoma Air Quality Service
OARM -	Office of Administration and Resource Management
OB -	Organobromine
OCED -	Organization for Economic Cooperation and Development
ODC -	Ozone Depleting Compounds
ODEC -	Order Denying Review of Permit
ODEP -	Ohio Department of Environmental Protection
ODEQ -	Oregon Department of Environmental Quality
ODS -	Ozone Depleting Solvents
OEL -	Organic Evaporation Loss

OFL -	Other Federal Land
O&M -	Operation and Maintenance
OMB -	Office of Management and Budget
ORD -	Office of Research and Development (EPA)
ORNL -	Oak Ridge National Laboratory
OSHA -	Occupational Safety and Health Administration
OSMRE -	Office of Surface Mining Reclamation and Enforcement
OTA -	Office of Technology Assessment
OTC -	Open-Topped Chamber
OTC -	Ozone Transport Commission
P2 -	Pollution Prevention
PAAS -	Principal investigator Archiving and Analysis System
PAH -	Polycyclic Aromatic Hydrocarbon
PAH -	Polynuclear Aromatic Hydrocarbons
PAN -	Peroxyacetyl Nitrate
PAR -	Photosynthetically Active Radiation
PBL -	Planetary Boundary Layer
PBM -	Photochemical Box Model
PCB -	Polychlorinated Biphenyl
PCDD/PCDF -	Polychlorinated Dioxins and Dibenzofurans
PCP -	Pentachlorophenol
PCV -	Positive Crankcase Ventilation
PDER -	Pennsylvania Department of Environmental Resources
PECM -	Previous Event in Centimeters
PEL -	Permissible Exposure Limit
PEQB -	Pennsylvania Environmental Quality Board

PESA -	Proton Elastic Scattering Analysis
PFBC -	Pressurized Fluidized Bed Combustion
PFD -	Photon Flux Density
PI -	Principal Investigator
PIIE -	Potential Impact of Increased Emissions
PIXE -	Proton Induced X-ray Emission
PLC -	Percent Live Crown
PM -	Particulate Matter
PNC -	Potential Natural Community
PNV -	Potential Natural Vegetation
PNW -	Pacific Northwest
POM -	Particulate Organic Matter
POM -	Polynuclear Organic Material
POTW -	Publicly Owned Treatment Works
PP -	Principal Point
PPA -	Pollution Prevention Act
PPB -	Parts per Billion
PPI -	Potential Pareto - Improvements
PPIC -	Pollution Prevention Information Clearinghouse
PPLV -	Preliminary Pollutant Limit Value
PPM -	Parts per Million
PPMC -	Parts per Million by Carbon
PPMV -	Parts per Million by Volume
PPMW -	Parts per Million by Weight
PPN -	Peroxypropinyl Nitrate
PPRD -	Pollution Prevention Research Program
PQL -	Practical Quantification Limit
PRP -	Potentially Responsible Parties

PSD -	Prevention of Significant Deterioration
PSE -	Photostationary State Expression
PVC -	Polyvinyl Chloride
PVO -	Private Voluntary Organization
QA -	Quality Assurance
QA/QC -	Quality Assurance / Quality Control
QAC -	Quality Assurance Coordinator
QC -	Quality Control
QSAR -	Quantitative Structure Activity Relationship
RACM -	Reasonably Available Control Measure
RACT -	Reasonably Available Control Technology
RAD -	Restricted Activity Day
RADM -	Regional Acid Deposition Model
RAMC -	Risk Assessment Management Commission
RAMS -	Regional Area Modeling System
RAP -	Resource Activity Permit
RBLC -	RACT/BACT/LAER Clearinghouse
RC -	Root Containerization
RCMH -	Reconstructed Mass
RCRA -	Resource Conservation and Recovery Act
R&D -	Research and Development
REACT -	Regional Atmospheric Chemistry and Transport Experiment
RECLAIM -	Regional Clean Air Incentives Market
REPA -	Resource and Environmental Profile Analysis
REHEX -	Regional Human Exposure
RFI -	Radio Frequency Interference
RIDEM -	Rhode Island Department of Environmental

Management

RIFS -	Remedial Investigation Feasibility Study
RGR -	Relative Growth Rate
RMA -	Rocky Mountain Arsenal
ROD -	Record of Decision
ROM -	Regional Ozone Model
ROME -	Regional Oxidant Measurement Experiment
ROPIS -	Response of Plants to Interacting Stress
ROSE -	Rural Ozone in a Southeastern Environment
RPA -	Renewable Resources Planning Act
RQ -	Respiratory Quotient
RRAL -	Rapidly Reactive Aluminum
RSD -	Relative Standard Deviation
RSU -	Resource Sampling Unit
RTD -	Residence Time Distribution
RUI -	Rural - Urban Interface
SAB -	Science Advisory Board
SACM -	Superfund Accelerated Cleanup Model
SAF -	Society of American Foresters
SAGI -	Sub-Apical Growth Inhibitor
SAMAB -	Southern Appalachian Man and Biosphere
SAR -	Structural Activity Relationship
SAR -	Synthetic Aperture Radar
SARA -	Superfund Amendments and Reauthorization Act
SAROAD -	Storage and Retrieval of Aerometric Data
SARRMC -	Southern Appalachian Research - Resource Management Cooperative
SAV -	Submerged Aquatic Vegetation

SBA -	Small Business Administration
SBDIT -	Sodium Bicarbonate Dry Injection Technology
SCAB -	South Coast Air Basin
SCAQMD -	South Coast Air Quality Management District
SCDHEC -	South Carolina Department of Health and Environmental Control
SCION -	Southeastern Consortium: Intermediate Oxidant Network
SCF -	Source Contribution Function
SCR -	Selective Catalytic Reduction
SCRAM -	Support Center for Regulatory Air Models
SCS -	Soil Conservation Service
SDA -	Spray Dryer Absorber
SDDAQSW -	South Dakota Division of Air Quality and Solid Waste
SDWA -	Safe Drinking Water Act
SEA -	Science and Education Administration
SEM -	Scanning Electron Microscope
SENIOR -	Southeastern Network for Intensive Oxidant Research
SEP -	Supplemental Environmental Project
SERC -	Smithsonian Environmental Research Center
SERON -	Southeastern Regional Oxidant Network
SETAC -	Society of Toxicology and Chemistry
SGCP -	Southern Global Change Program
SGR -	Specific Growth Rate
SHARP -	Southern Highland Atmospheric Research Program
SHQI -	Stream Habitat Quality Index
SI -	Site Index
SIP -	State Implementation Plan

SIP -	Stewardship Incentive Program
SITE -	Superfund Innovative Technology Evaluation
SJT -	Social Judgment Theory
SLAMS -	State and Local Air Monitoring Station
SLIC -	Sample Line Integrity Check
SLMAS -	Southern Lake Michigan Air Shed
SLO -	Surface Level Ozone
SMCRA -	Surface Mining Control and Reclamation Act
SMSA -	Standard Metropolitan Statistical Area
SNCR -	Selective Noncatalytic Reduction
SOC -	Soil Organic Carbon
SOD -	Super Oxide Dismutase
SOCMI -	Synthetic Organic Chemical Industries
SON -	Spatial Ozone Network
SONIA -	Sources of Natural Atmospheric Nitrogen Compounds
SOP -	Standard Operating Procedure
SORP-EE -	Southern Oxidant Research Program - Emissions and Effects
SORP-ONA -	Southern Oxidant Research Program - Ozone Non-Attainment
SORP-HCMTS -	Southern Oxidant Research Program - Hydrocarbon Measurement Technology and Standards
SOS -	Southern Oxidant Study
SOS/T -	State of Science and Technology Reports
SPAC -	Soil - Plant - Atmosphere Continuum
SPACE -	Satellite Precipitation and Cloud Experiment
SPPPLV -	Single Pathway Preliminary Pollutant Limit Values
SREL -	Savannah River Ecology Laboratory
SRM -	Society for Range Management

SRM/CRM -	Standard Reference Method / Certified Reference Method
SRR -	Specific Respiration Rate
SSC -	Superconducting Super Collider
SSS -	Static Sampling System
STEM-II -	Sulfur Transport Eulerian Model - version II
STP -	Standard Temperature and Pressure
SURE -	Sulfate Regional Experiment
TAC -	Total Annual Cost
TACB -	Texas Air Control Board
TAPCD -	Tennessee Air Pollution Control Division
TC -	Threshold Contrast
TCE -	Trichloroethylene
TCLP -	Toxicity Characteristic Leaching Procedure
TCM -	Tetrachloromercurate
TCM -	Travel Cost Method
TEQ -	Toxic Equivalent
TDS -	Total Dissolved Solids
TEM -	Transmission Electron Microscope
TFAP -	Tropical Forestry Action Plan
THC -	Total Hydrocarbon Content
THI -	Temperature - Humidity Index
TIO -	Technology Innovation Office (EPA)
TKN -	Total Kjeldahl Nitrogen
TLV -	Threshold Limit Values
TM -	Thematic Mapper
TOC -	Total Organic Carbon
TOGO-COARE -	Tropical Ocean and Global Atmosphere - Coupled

Ocean Atmosphere Response Experiment

TOR -	Thermal Optical Reflectance
TP -	Transformed Percent
TPH -	Total Petroleum Hydrocarbons
TPY -	Tons per Year
TQ -	Threshold Quantity
TQM -	Total Quality Management
TRC -	Total Residual Chlorine
TRE -	Toxicity Reduction Evaluation
TRI -	Toxic Release Inventory
TRS -	Total Reduced Sulfur
TSC -	Technical Steering Committee
TSCA -	Toxic Substance Control Act
TSI -	Trophic State Index
TSP -	Total Suspended Particulates
TSS -	Total Suspended Solids
TTC -	Technology Transfer Network
TUa -	Acute Toxicity Units
TUc -	Chronic Toxicity Units
TUR -	Toxic Use Reduction
TVA -	Tennessee Valley Authority
TVOC -	Total Volatile Organic Compounds
TWA -	Total Waste Analysis
USACE -	United States Army Corps of Engineers
UAM -	Urban Airshed Model
UCAR -	University Corporation for Atmospheric Research
UNAMAP -	User's Network for Applied Modeling of Air Pollution

UNCED -	United Nations Conference on Environment and Development
UNEC -	United Nations Economic Committee
UNEP -	United Nations Environmental Program
UNICED -	United Nations Conference on Environmental Development
UNIDO -	United Nations Industrial Development Office
USC -	United State Code
USBR -	United States Bureau of Reclamation
USCA -	United States Court of Appeals
USCG -	United States Coast Guard
USDA -	United States Department of Agriculture
USDA-ARS -	United States Department of Agriculture - Agricultural Research Service
USDA-FS -	United States Department of Agriculture - Forest Service
USDA-SCS -	United State Department of Agriculture - Soil Conservation Service
USDI -	United States Department of the Interior
USDI-BLM -	United States Department of the Interior - Bureau of Land Management
USDI-BM -	United States Department of the Interior - Bureau of Mines
USDI-F&WS -	United State Department of the Interior - Fish and Wildlife Service
USDI-NPS -	United States Department of the Interior - National Park Service
USDI-OSMRE -	United States Department of the Interior - Office of Surface Mining Reclamation and Enforcement
USDL -	United States Department of Labor
USDOD -	United State Department of Defense
USDO I -	United States Department of the Interior

USDOT -	United States Department of Transportation
USEPA -	United States Environmental Protection Agency
USFS -	United States - Forest Service
USF&WS -	United States Fish and Wildlife Service
USGS -	United States Geological Survey
USTCAP -	United States Technical Conference on Air Pollution
UV -	Ultraviolet
VANR -	Vermont Agency of Natural Resources
VAPCB -	Virginia Air Pollution Control Board
VDS -	Visual Damage Survey
VMT -	Vehicle Miles Traveled
VOC -	Volatile Organic Compound
VOL -	Volitile Organic Liquid
VOST -	Volitile Organic Sampling Train
VP -	Vapor Pressure
VPD -	Vapor Pressure Deficit
WDEQ -	Wyoming Department of Environmental Quality
WDNR -	Washington Department of Resources
WDNR -	Wisconsin Department of Natural Resources
WDOE -	Washington Department of Ecology
WERC -	Waste-management Education and Research Consortium
WESTAR -	Western States Air Resources Council
WHD -	Western High Desert
WILDMIS -	Wildlife Management Information System
WIPP -	Waste Isolation Pilot Plant
WLS -	Western Lake Survey
WM -	Waste Minimization

WREAFS -	Waste Reduction Evaluation at Federal Sites
WRI -	Work Resources Institute
WRITE -	Waste Reduction Innovative Technology Evaluation
WSD -	Water Saturation Deficit
WSPA -	Western States Petroleum Association
WTA -	Willingness to Accept
WTE -	Waste to Energy
WTP -	Willingness to Pay
WUE -	Water Use Efficiency
WVAPCC -	West Virginia Air Pollution Control Commission
XRF -	X-ray Fluorescence Spectroscopy
ZAPS -	Zonal Air Pollution System

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Notes:

