

State Superfund Unit Acronym List

ACGP	Agricultural Chemical Ground Water Protection Act
AM	Action Memorandum
AOC	Administrative Order on Consent
ARAR	Applicable or Relevant and Appropriate Requirement
ARM	Administrative Rules of Montana
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
ATSDR	Agency for Toxic Substances and Disease Registry
BACT	Best Available Control Technology
BAT	Best Available Technology Economically Achievable
BCT	Best Conventional Pollutant Control Technology
BGS	Below Ground Surface
BMP	Best Management Practice
BRA	Baseline Risk Assessment
Brownfield	Small Business Liability Relief and Brownfields Revitalization Act
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BTV	Background Threshold Value
CAA	Clean Air Act
CAG	Community Advisory Groups
CALA	Controlled Allocation of Liability Act
CDBG	Community Development Block Grant(s)
CDC	Centers for Disease Control
CECRA	Montana Comprehensive Environmental Cleanup and Responsibility Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Act Information System
CFR	Code of Federal Regulations
CGWA	Controlled Ground Water Area
CLP	Contract Laboratory Program
Cm/sec	Centimeters Per Second
COC	Contaminant of Concern
COPC	Contaminant of Potential Concern
Corps/COE	Army Corps of Engineers
cPAH	Carcinogenic polycyclic aromatic hydrocarbons
CT	Central Tendency
CWA	Clean Water Act (also FWPCA)
DAF	Dilution Attenuation Factor
DEQ	Montana Department of Environmental Quality
DEQ-7	Montana Numeric Water Quality Standards (formerly WQB-7)
DHES	Montana Department of Health and Environmental Sciences
DNAPL	Dense Nonaqueous-Phase Liquid
DNRC	Department of Natural Resources and Conservation
DO	Dissolved Oxygen
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of the Interior
DOT	Department of Transportation
DQO	Data Quality Objective

DRO	Diesel Range Organics
DSMOA	Defense/State Memorandum of Agreement
EA	Environmental Assessment
EE/CA	Engineering Evaluation/Cost Analysis
EPA	Environmental Protection Agency
EPC	Exposure Point Concentration
EPCRA	Emergency Planning and Community Right-to-Know Act
EPH	Extractable Petroleum Hydrocarbons
ERNS	Emergency Response Notification System
ERCLs	Environmental Requirements, Criteria, or Limitations
ERT	Environmental Response Team
ESD	Explanation of Significant Differences (a post-ROD document)
FAQ	Frequently Asked Questions
FEMA	Federal Emergency Management Agency
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FOIA	Freedom of Information Act (federal statute)
FR	Federal Register
FS	Feasibility Study
FSWP	Feasibility Study Work Plan
Ft/day	Feet Per Day
FWPCA	Federal Water Pollution Control Act (also CWA)
FY	Fiscal Year
GAC	Granular Activated Carbon
GCL	Geosynthetic Clay Liner
GIS	Geographic Information System
gpm	Gallons per minute
GPR	Ground Penetrating Radar
GPS	Global Positioning System
GRO	Gasoline Range Organics
GW	Ground Water
HASP	Health and Safety Plan
HEPA	High Efficiency Particle Arrestor (type of filter)
HI	Hazard Index
HQ	Hazard Quotient
HRS	Hazard Ranking System
HW	Hazardous Waste
IDLH	Immediately Dangerous to Life and Health
IDW	Investigation Derived Waste
IEUBK	Integrated Exposure Uptake Biokinetic Model
IND	Industrial (abbreviation used in City zoning classifications)
LNAPL	Light Non-Aqueous Phase Liquid
IRIS	Integrated Risk Information System
LEL	Lower Explosive Limit
LDR	Land Disposal Restriction
LLC	Limited Liability Company (similar to "Ltd." or "Inc.")
LOAEL	Lowest Observable Adverse Effect Level
LUST	Leaking Underground Storage Tank
MCA	Montana Code Annotated
MCL	Maximum Contaminant Level
MDT	Montana Department of Transportation
MEPA	Montana Environmental Policy Act

mg/kg	Milligrams Per Kilogram
mg/L	Milligrams Per Liter
MNA	Monitored Natural Attenuation
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPDES	Montana Pollutant Discharge Elimination System
MSDS	Material Safety Data Sheet
MTBE	Methyl Tertiary-Butyl Ether
NAPL	Non-Aqueous Phase Liquid
NCP	National Contingency Plan
NEPA	National Environmental Policy Act
NESHAP	National Emission Standard for Hazardous Air Pollutants
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NIOSH	National Institute for Occupational Safety and Health
NOAA	National Oceanographic and Atmospheric Administration
NOAEL	No Observed Adverse Effect Level
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List (list of Federal Superfund sites)
NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NRD	Natural Resources Damage Program
O&M	Operation and Maintenance
OPA	Oil Pollution Act
ORP	Oxidation Reduction Potential
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
OSWER	Office of Solid Waste and Emergency Response
OU	Operable Unit (under CERCLA)
PAH	Polycyclic Aromatic Hydrocarbon
PA/SI	Preliminary Assessment/Site Inspection
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene or Perchloroethene
PDF	Portable Document Format (Internet file format used with Adobe Acrobat)
PE	Professional Engineer
PEL	Permissible Exposure Limit
PLP	Potentially Liable Person
PM-10	Particulate Matter, diameter smaller than 10 micrometers (air pollution)
PM-2	Particulate Matter, diameter smaller than 2 micrometers (air pollution)
POTW	Publicly Owned Treatment Works (municipal wastewater treatment plant)
PP	Proposed Plan
ppb	parts per billion
PPE	Personal Protective Equipment
ppm	parts per million
ppq	parts per quadrillion
ppt	parts per trillion
PRAO	Preliminary Remedial Action Objective
PRP	Potentially Responsible Parties
QA	Quality Assurance
QAPP	Quality Assurance Project Plan

QC	Quality Control
RA	Remedial Action or Risk Assessment
RAO	Remedial Action Objective
RAGS	Risk Assessment Guidance for Superfund
RAWP	Remedial Action Work Plan or Risk Assessment Work Plan
RBCA	Risk Based Corrective Action
RBSL	Risk Based Screening Level
RCRA	Resource Conservation and Recovery Act
RD/RA	Remedial Design/Remedial Action
RfD	Reference Dose
RFP	Request for Proposal
RI	Remedial Investigation
RI/	Remedial Investigation/Feasibility Study
RIWP	Remedial Investigation Work Plan
RME	Reasonable Maximum Exposure
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act (statutory amendments to CERCLA)
SCBA	Self Contained Breathing Apparatus
SCEM	Site Conceptual Exposure Model
SCDM	Superfund Chemical Data Matrix
SCS	Soil Conservation Service
SDWA	Safe Drinking Water Act
SHPO	State Historic Preservation Office (or Officer)
SMCL	Secondary Maximum Contaminant Level
SMCRA	Surface Mining Coal and Reclamation Act
SME	Subject Matter Expert
SOP	Standard operating procedure
SOW	Scope of Work
SSL	Soil Screening Level
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SWPPP	Stormwater Pollution Prevention Plan
SW	Surface Water or Storm Water or Solid Waste
TAG	Technical Assistance Grant
TBD	To Be Determined
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure (a RCRA test)
TDS	Total Dissolved Solids
T&E	Threatened and Endangered (species)
THQ	Total Hazard Quotient (Non-carcinogenic)
TLV	Threshold Limit Value
TPH	Total Petroleum Hydrocarbons or Total Purgeable Hydrocarbons
TR	Total Risk (Carcinogenic)
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage, and Disposal Facility
TSP	Total Suspended Particulate
TWA	Time Weighted Average
UCL	Upper Confidence Limit
µg/Kg	Micrograms Per Kilogram
µg/L	Micrograms Per Liter

µg/M ³	Micrograms Per Cubic Meter
USCG	United States Coast Guard
USFS	United States Forest Service
UST	Underground Storage Tank
UV	Ultraviolet
VCP	Voluntary Cleanup Plan
VCP-EA	Voluntary Cleanup Plan – Environmental Assessment
VCP-RP	Voluntary Cleanup Plan – Remediation Proposal
VCRA	Voluntary Cleanup and Redevelopment Act
VE	Vapor Extraction
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound
VPH	Volatile Petroleum Hydrocarbons
WP	Work Plan
WQA	Water Quality Act
WQB-7	Montana Numeric Water Quality Standards (now DEQ-7)
WWTP	Wastewater Treatment Plant