# Environmental Hazards (domain values)

**DOMAIN NAME** code list - states

**DEFINITION** The abbreviations of all of the states.

| VALUE | DEFINITION |
|---|---|
| AK | Alaska |
| AL | Alabama |
| AR | Arkansas |
| AZ | Arizona |
| CA | California |
| CO | Colorado |
| CT | Connecticut |
| DC | District of Columbia |
| DE | Delaware |
| FL | Florida |
| GA | Georgia |
| HI | Hawaii |
| IA | Iowa |
| ID | Idaho |
| IL | Illinois |
| IN | Indiana |
| KS | Kansas |
| KY | Kentucky |
| LA | Louisiana |
| MA | Massachusetts |
| MD | Maryland |
| ME | Maine |
| MI | Michigan |
| MN | Minnesota |
| MO | Missouri |
| MS | Mississippi |
| MT | Montana |
| NC | North Carolina |
| ND | North Dakota |
| NE | Nebraska |

| | |
|---|---|
| NH | New Hampshire |
| NJ | New Jersey |
| NM | New Mexico |
| NV | Nevada |
| NY | New York |
| OH | Ohio |
| OK | Oklahoma |
| OR | Oregon |
| OTHER | other |
| PA | Pennsylvania |
| RI | Rhode Island |
| SC | South Carolina |
| SD | South Dakota |
| TBD | to be determined |
| TN | Tennessee |
| TX | Texas |
| UNKNOWN | unknown |
| UT | Utah |
| VA | Virginia |
| VT | Vermont |
| WA | Washington |
| WI | Wisconsin |
| WV | West Virginia |
| WY | Wyoming |

**DOMAIN NAME** condition list - object

**DEFINITION** Allowable input values for condition list of objects

| **VALUE** | **DEFINITION** |
|---|---|
| FAIR | fair or medium condition |
| GOOD | good condition |
| OTHER | other |
| POOR | poor or unsuitable condition |
| TBD | to be determined |

# Environmental Hazards (domain values)

**DOMAIN NAME** condition list - parcel

**DEFINITION** Allowable input values for condition list of parcels

| VALUE | DEFINITION |
|---|---|
| IMPROVED | improved |
| NA | not applicable |
| OTHER | other |
| TBD | to be determined |
| UNIMPROVED | unimproved |
| UNUSABLE | unusable |
| USEABLE | useable |

**DOMAIN NAME** discriminator - haz storage type

**DEFINITION** Discriminator. A descriptor indicating the category of hazardous material.

| VALUE | DEFINITION |
|---|---|
| HAZMAT | hazardous material |
| HAZMAT_HAZWAST | hazardous material and hazardous waste. |
| HAZWASTE | hazardous waste |

**DOMAIN NAME** disposition list - object

**DEFINITION** Allowable input for the disposition of an object

| VALUE | DEFINITION |
|---|---|
| ABANDONED | abandoned in place (not in use) |
| INCOMPLETE | incomplete or unfinished |
| OTHER | other |
| PERMANENT | permanent |
| PROPOSED | proposed |
| TBD | to be determined |
| TEMPORARY | temporary |
| UNKNOWN | unknown |

**DOMAIN NAME** env - analytical method code

**DEFINITION** Type of standard procedure or method used to analyze environmental samples.

| VALUE | DEFINITION |
|---|---|
| A205 | Specific Conductivity |
| A209F | Total, Fixed, and Volatile Solids in Solid and Semisolid Samples |

# Environmental Hazards (domain values)

| | |
|---|---|
| A2320 | Alkalinity |
| A2340B | Hardness By Calculation |
| A2710F | Specific Gravity |
| A2720C | Sludge Digester Gas GC/TCD Method For CH4, CO2, N, H, H2S, O |
| A303A | Metals (By Direct Aspiration into an Air-Acetylene Flame). |
| A303C | Determination of AL,* BA, BE, *MO, OS, RE, SI, TH, TI, & V by Direct Aspiration. |
| A303E | Determination of As & Se by Conversion to their Hydrides by Sodium Borohydride Reagent & Aspiration into an Atomic |
| A312B | Chromium, Hexavalent (Colorimetric Method) |
| A314A | Hardness by Calculation |
| A403 | Alkalinity |
| A405 | Bromide |
| A406B | Titrimetric Method For Free Carbon Dioxide |
| A407A | Chloride (Argentometric) |
| A407B | Chloride (Mercuric Nitrate Method) |
| A412D | Total Cyanide Colorimetric Method |
| A412E | Cyanide, By Ion Selection Electrode |
| A412F | Cyanide, Amenable to Chlorination |
| A413B | Fluoride, Electrode Method |
| A413C | Fluoride (Spadns) |
| A417C | Nitrogen (Ammonia) Phenate Method |
| A417G | Amonia |
| A418B | Nitrate Electrode Screening Method |
| A418C | Nitrogen (Nitrate) Cadmium Reduction Method |
| A418F | Nitrogen (Nitrate, Automated Cadmium Reduction Met |
| A419 | Nitrogen (Nitrite) |
| A423 | pH Value |
| A424G | Phosphate (Ascorbic Acid Reduction) |
| A426C | Sulfate Turbidimeric Method |
| A426D | Sulfate (Automated Methylthymol Blue Method) |
| A429 | Anions by Ion Chromatography |
| A503A | Oil And Grease, Partition - Gravimetric Method |
| A503D | Oil and Grease in Soil and Sludge Samples |
| A503DE | Oil and Grease in Soil and Sludge with Silica Gel Hydrocarbon Removal |

# Environmental Hazards (domain values)

| | |
|---|---|
| A506 | Total Organic Halides (TOX) |
| A507 | Oxygen Demand (Biochemical) |
| A508A | Chemical Oxygen Demand (COD) |
| A508B | Chemical Oxygen Demand (Closed Reflux, Titrimetric). |
| A509A | Organochlorine Pesticides |
| A509B | Chlorinated Phenoxy Herbicides |
| A510B | Phenols, Chloroform Extraction Method |
| A5520 | Oil And Grease |
| A5520C | SM5520C-Partition-IR Oil and Grease Determination |
| A701C | Gamma Spectralanalysis |
| A703 | Gross Alpha-Gross Beta |
| A704 | Total Radioactive Strontium And Strontium 90 In Water. |
| A705 | Total Radium |
| A706 | Radium-226 By Radon In Water (Soluble, Suspended, and Total) |
| A707 | Radium-228 (Soluble) (Tentative) |
| A708 | Tritium |
| A709 | Radioactive Cesium |
| A710A | Radioactive Iodine, Precipitation Method |
| A711 | Uranium |
| A711A | Uranium Radiochemical (Tentative) |
| A907A | Total Bacteria (Pour Plate Method) |
| A907B | Total Bacteria (Spread Plate Method) |
| A907C | Total Bacteria (Membrane Filter Method) |
| AEB766 | Determination of Total Phosphate |
| AK101 | Gasoline Range Organics, Alaska Dept. of Environment. Conserv. |
| AK102 | Diesel Range Organics, Alaska Dept. of Environment. Conserv. |
| AKD | State of Alaska Method for Diesel |
| AKG | State of Alaska Method for Gasoline |
| AODCPS | Bacteria By Acridine Orange Direct Count - Phenanthrone Specific |
| AODCT | Bacteria By Acridine Orange Direct Count - Total |
| AODCV | Bacteria By Acridine Orange Direct Count - Viable |
| AS1234 | Lime Requirement at pH7 |
| AS9302 | Bulk Density |

# Environmental Hazards (domain values)

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|---|---|
| AS9313 | Total Nitrogen as Ammonia, Kjeldahl |
| C200_7 | ICP Metals (TCL) |
| C204_2 | Antimony (TCL) |
| C206_2 | Arsenic (TCL) |
| C213_2 | Cadmium (AA, Furnace Technique) (TCL) |
| C2216 | Percent Solids (TCL) |
| C239_2 | Lead (Furnace Technique) (TCL) |
| C245_1 | Mercury (TCL) |
| C245_5 | Mercury Analysis in Soil/Sediment by Manual Cold Vapor Technique (TCL) |
| C258_1 | Potassium (AA, Furnace Technique) (TCL) |
| C270_2 | Selenium (TCL) |
| C273_1 | Sodium (AA, Furnace Technique) (TCL) |
| C279_2 | Thallium (TCL) |
| C335_2 | Cyanide (TCL) |
| C6010 | ICP Atomic Emission Spectroscopy (TCL) |
| C608 | Pesticides (TCL) |
| C624 | Volatile (TCL) |
| C625 | Semivolatile Organics (TCL) |
| C7041 | Antimony (TCL) |
| C7060 | Arsenic (TCL) |
| C7080 | Barium (TCL) |
| C7081 | Barium (TCL) |
| C7131 | Cadmium (TCL) |
| C7201 | Cobalt (TCL) |
| C7420 | Lead (TCL) |
| C7421 | Lead (TCL) |
| C7460 | Manganese (TCL) |
| C7461 | Manganese (TCL) |
| C7470 | Mercury in Liquid Waste (TCL) |
| C7471 | Mercury in Solid or Semisolid Waste (TCL) |
| C7740 | Selenium (TCL) |
| C7760 | Silver (TCL) |
| C7841 | Thallium (TCL) |

# Environmental Hazards (domain values)

| | |
|---|---|
| C7911 | Vanadium (TCL) |
| C8010 | Halogenated Volatile Organics (TCL) |
| C8020 | Aromatic Volatile Organics (TCL) |
| C8080 | Pesticides (TCL) |
| C8240 | Volatile Organics (TCL) |
| C8270 | Semivolatile Organics (TCL) |
| CA338 | Determination of Organic Lead Compounds (HML 338) |
| CA699B | California Criteria For Identification of Hazardous Waste For Metals |
| CA699C | California Criteria For Identification of Hazardous Waste For Organics |
| CA699T | California Criteria For Identification of Hazardous Waste, Total |
| CAAIR | Air Sample Analyses |
| CACARB | The Determination of Volatile Sulfur Compounds in Air by GC/RPD (CARB Method 16) |
| CAPBO | Determination of Organic Lead DHS Method |
| CASTLC | STLC Compounds (California) |
| CATFH | Total Fuel Hydrocarbons: LUFT Method (California) |
| CATTLC | TTLC Compounds (California) |
| CENPD | Fuel Identification and Quantification-COE |
| CEXTR | Extractable Target Compounds (TCL) |
| CNFTEL | Columbia National Fisheries Research Laboratory Method for the Determination of Total Extractable LIPID Content |
| CSVOL | Semi-Volatile Organic Compounds (TCL) |
| CVOL | Volatile Organic Compounds (TCL) |
| D1140 | Amount of Material in Soils Finer than the # 200 (75-um) Sieve |
| D1385 | Hydrazine (Spectrophotometric) |
| D1556 | Density of Soil in Place by the Sand-Cone Method |
| D1890 | Beta Particle Radioactivity Of Water |
| D1943 | Alpha Particle  Radioactivity of Water |
| D1945 | Analysis of Natural Gas By Gas Chromatography |
| D1946 | Determination of Fixed or Reformed Gases by GC |
| D2036C | Weak Acid Dissociable Cyanide, Colorimetric Determination |
| D2166 | Unconfined Compressive Strength Of Cohesive Soil |
| D2167 | Density & Unit Weight of Soil in Place by the Rubber Balloon Method |
| D2325 | Capillary-Moisture Relationships for Coarse- & Medium-Textured Soils by Porous-Plate Apparatus |
| D2434 | Permeability |

# Environmental Hazards (domain values)

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|---|---|
| D2460 | Radionuclides Of Radium In Water |
| D2487 | Classification of Soils, for Engineering Purposes |
| D2937 | Density of Soil in Place by the Drive-Cylinder Method |
| D2974 | Total Organic Content |
| D3152 | Capillary-Moisture Relationships for Fine-Textured Soils by Pressure-Membrane Apparatus |
| D3155 | Lime Content of Uncured Soil-Lime Mixtures |
| D3385 | Infiltration Rate of Soils in Field Using Double-Ring Infiltrometers |
| D3416 | Total Hydrocarbons, Methane, and Carbon Monoxide in the Atmosphere GC |
| D3695 | Volatile Alcohols In Water By Direct Aqueous Injection GC |
| D421 | Dry Preparation of Soil Samples For Particle-Size Analysis & Determination of Soil Contants |
| D4219 | Unconfined Compressive Strength Index of Chemical-Grouted Soils |
| D422 | Grain Size |
| D4221 | Dispersive Characteristics of Clay Soil by Double Hydrometer |
| D425 | Centrifuge Moisture Equivalent of Soils |
| D427 | Shrinkage Factors Of Soils |
| D4318 | Liquid Limit, Plastic Limit, and Plasticity Index of Soils |
| D4373 | Calcium Carbonate Content of Soils |
| D4380 | Density of Bentonitic Slurries |
| D4381 | Sand Content By Volume of Bentonitic Slurries |
| D4452 | X-Ray Radiography of Soil-Samples |
| D4525 | Permeability of Rocks by Flowing Air |
| D4531 | Bulk Density of Peat and Peat Products |
| D4542 | Pore Water Extraction and Determination of the Soluble Salt |
| D4564 | Density of Soil in Place by the Sleeve Method |
| D4643 | Determination of Water (Moisture) Content of Soil by the Microwave |
| D854 | Specific Gravity Of Soils |
| DCNDMA | Datachem Labs Method for N-Nitrosodimethylamine by GC/MS Sim. |
| E110_1 | Color (Colorimetric, ADMI) |
| E110_2 | Color (Colorimetric-Platinum-Cobalt) |
| E110_3 | Color (Spectrophotometric) |
| E120_1 | Specific Conductance |
| E130_1 | Hardness, Total (Colorimetric, Automated EDTA) |
| E130_2 | Hardness, Total (Titrimetric) |

# Environmental Hazards (domain values)

| | |
|---|---|
| E140_1 | Odor (Threshold Odor, Consistent Series) |
| E150_1 | pH, Electrometric |
| E160_1 | Residue, Filterable (TDS) |
| E160_2 | Residue, Non-Filterable |
| E160_3 | Residue, Total (Gravimetric, Dried at 103-105 Degrees C) |
| E160_4 | Residue, Volatile (Gravimetric, Ignition at 550 Degrees C) |
| E160_5 | Settleable Matter (Volumetric, Imhoff Cone) |
| E1613 | EPA Standard Method for High Resolution Analysis of Dioxins/Furans in Water |
| E1624 | Volatile Organic Compounds by Isotope Dilution GC/MS |
| E1625 | Semivolatile Organic Compounds by Isotope Dilution GC/MS |
| E170_1 | Temperature |
| E18 | Measurement of Gaseous Organic Compound Emissions by Gas Chromatography |
| E180_1 | Turbidity (Nephelometric) |
| E18PF | Modified E18, on Column Pre-Fractionation of Vinyl Chloride |
| E200_7 | Inductively Coupled Plasma Emission |
| E200_8 | Inductively Coupled Plasma/Mass Spectroscopy |
| E200_9 | Atomic Absorption, Platform |
| E202_1 | Aluminum (AA, Direct Aspiration) |
| E202_2 | Aluminum (AA, Furnace Technique) |
| E204_1 | Antimony (AA, Direct Aspiration) |
| E204_2 | Antimony (AA, Furnace Technique) |
| E206_2 | Arsenic (AA, Furnace) |
| E206_3 | Arsenic (AA, Hydride) |
| E206_4 | Spectrophotometric, SDDC |
| E208_1 | Barium (AA, Direct Aspiration) |
| E208_2 | Barium (AA, Furnace) |
| E210_1 | Beryllium (AA, Direct Aspiration) |
| E210_2 | Beryllium (AA, Furnace Technique) |
| E212_3 | Boron (Colorimetric, Curcumin) |
| E213_1 | Cadmium (AA, Direct Aspiration) |
| E213_2 | Cadmium (AA, Furnace) |
| E215_1 | Calcium (AA, Direct Aspiration) |
| E215_2 | Calcium, (Titrimetric, EDTA ) |

# Environmental Hazards (domain values)

| | |
|---|---|
| E218_1 | Chromium (AA, Direct Aspiration) |
| E218_2 | Chromium (AA, Furnace) |
| E218_3 | Chromium by Chelation - Extraction |
| E218_4 | Chromium Hexavalent (AA, Chelation-Extraction) |
| E218_5 | Chromium  Hexavalent, Dissolved (AA, Furnace) |
| E218_6 | Hexavalent Chromium by EPA Method |
| E219_1 | Cobalt (AA, Direct Aspiration) |
| E219_2 | Cobalt (Atomic Absorption, Furnace Technique) |
| E220_1 | Copper (AA, Direct Aspiration) |
| E220_2 | Copper (AA, Furnace) |
| E23 | Determination of Polychlorinated Dioxins and Furans in Air |
| E231_1 | Gold, (A A, Direct Aspiration) |
| E231_2 | Gold, (AA, Furnace) |
| E235_1 | Iridium, (AA, Direct Aspiration ) |
| E235_2 | Iridium, (AA, Furnace) |
| E236_1 | Iron (AA, Direct Aspiration) |
| E236_2 | Iron (AA, Furnace Technique) |
| E239_1 | Lead (AA, Direct Aspiration) |
| E239_2 | Lead (AA, Furnace) |
| E242_1 | Magnesium (AA, Direct Aspiration) |
| E243_1 | Manganese (AA, Direct Aspiration) |
| E243_2 | Manganese (AA, Furnace Technique) |
| E245_1 | Mercury (Cold Vapor, Manual) |
| E245_2 | Mercury (Cold Vapor, Automated) |
| E245_5 | Mercury (Cold Vapor, Sediments) |
| E246_1 | Molybdenum (AA, Direct Aspiration) |
| E246_2 | Molybdenum (AA, Furnace Technique) |
| E249_1 | Nickel (AA, Direct Aspiration) |
| E249_2 | Nickel (AA, Furnace) |
| E252_1 | Osmium, (AA, Direct Aspiration) |
| E252_2 | Osmium, (A A Furnace ) |
| E253_1 | Palladium, (A A, Direct Aspiration ) |
| E253_2 | Palladium, (A A, Furnace) |

# Environmental Hazards (domain values)

| | |
|---|---|
| E255_1 | Platinum, (AA, Direct Aspiration) |
| E255_2 | Platinum, (A A, Furnace ) |
| E258_1 | Potassium ( AA, Direct Aspiration) |
| E26 | Determination of Hydrogen Chloride Emmisions from Stationary Sources |
| E265_1 | Rhodium,(AA, Direct Aspiration) |
| E265_2 | Rhodium, (AA, Furnace) |
| E267_1 | Ruthenium, (AA, Direct Aspiration) |
| E267_2 | Ruthenium, (A A, Furnace) |
| E270_1 | Selenium (AA, Direct Aspiration) |
| E270_2 | Selenium (AA, Furnace) |
| E270_3 | Selenium (AA, Hydride) |
| E272_1 | Silver (AA, Direct Aspiration) |
| E272_2 | Silver (AA, Furnace) |
| E273_1 | Sodium (AA, Direct Aspiration) |
| E273_2 | Sodium (AA, Furnace Technique) |
| E279_1 | Thallium (AA, Direct Aspiration) |
| E279_2 | Thallium (AA, Furnace) |
| E282_1 | Tin (AA, Direct Aspiration) |
| E282_2 | Atomic Absorption, Furnace |
| E283_1 | Titanium (AA, Direct Aspiration) |
| E283_2 | Titanium (AA, Furnace Technique) |
| E286_1 | Vanadium (AA, Direct Aspiration) |
| E286_2 | Vanadium (AA, Furnace Technique) |
| E289_1 | Zinc (AA, Direct Aspiration) |
| E289_2 | Zinc (AA, Furnace) |
| E300 | Determination of Inorganic Anions in Water by Ion Chromatography |
| E305_1 | Acidity , Total |
| E305_2 | Acidity , Total |
| E306 | Sulfate |
| E310_1 | Alkalinity , Total (as Carbonate) |
| E310_2 | Alkalinity , Total (as Carbonate) |
| E320_1 | Total Bromide, Tritrimetric |
| E325_1 | Chloride (as Cl) (Colorimetric, Automated Ferricyanide AAI) |

# Environmental Hazards (domain values)

| | |
|---|---|
| E325_2 | Chloride (as Cl), Colorimetric Automated Ferricyanide, AA II |
| E325_3 | Chloride (as Cl) (Tritrimetric, Mercuric Nitrate) |
| E330_2 | Chlorine, Total Residual (Tritrimetric, Back, Iodometric) |
| E335_1 | Cynanides, Amenable to Chlorination (Titrimetric; Spectrophotometric) |
| E335_2 | Total Cyanide |
| E335_3 | Total Cyanide (Colorimetric, Automated UV) |
| E340_1 | Fluoride (Colorimetric) |
| E340_2 | Fluoride, Potentiometric, Ion Selective Electrode |
| E340_3 | Fluoride (Colorimetric, Automated Complexone) |
| E345_1 | Iodide (as I) (Tritrimetric) |
| E350_1 | Nitrogen, Ammonia (as N) (Ammonia - Colorimetric, Automated Phenate) |
| E350_2 | Nitrogen, Ammonia (as N) |
| E350_3 | Nitrogen, Ammonia (as N) |
| E351_1 | Nitrogen , Kjeldahl, Total |
| E351_2 | Nitrogen , Kjeldahl, Total |
| E351_3 | Nitrogen , Kjeldahl, Total |
| E351_4 | Nitrogen , Kjeldahl, Total |
| E352_1 | Nitrogen, Nitrate (as N) |
| E353_1 | Nitrogen, Nitrate-Nitrite |
| E353_2 | Nitrogen, Nitrate-Nitrite |
| E353_3 | Nitrogen, Nitrate-Nitrite |
| E354_1 | Nitrogen, Nitrite |
| E360_1 | Oxygen, Dissolved |
| E360_2 | Oxygen, Dissolved |
| E365_1 | Phosphorus, All Forms, (Colorimetric, Automated, Asorbic Acid ) |
| E365_2 | Phosphorus, All Forms (as P) |
| E365_3 | Phosphorus, All Forms (Colorimetric, Ascorbic Acid ) |
| E365_4 | Phosphorus, Total (Colorimetric, Automated Block Digestor, AA II) |
| E370_1 | Silica |
| E375_1 | Sulfate |
| E375_2 | Sulfate |
| E375_3 | Sulfate |
| E375_4 | Sulfate |

# Environmental Hazards (domain values)

| | |
|---|---|
| E376_1 | Sulfide |
| E376_2 | Sulfide |
| E377_1 | Sulfite |
| E410_4 | Chemical Oxygen Demand - Colorimetric |
| E415_1 | Total Organic Carbon (Combustion or Oxidation) |
| E415_2 | Total Organic Carbon (UV Promoted, Persulfate Oxidation) |
| E418_1 | Petroleum Hydrocarbons, Total Recoverable |
| E524_2 | Volatile Organic Compounds by Purge & Trap |
| E601 | Purgeable Halocarbons |
| E602 | Purgeable Aromatics |
| E608 | Organochlorine Pesticides and PCBs |
| E610 | Polynuclear Aromatic Hydrocarbons |
| E614 | Determination of Organophosphorus Pesticides |
| E615 | Chlorinated Herbicides |
| E625 | Extractable Priority Pollutants |
| M8015 | Modified SW8015 for Gasoline or Diesel Determination |
| M8100 | Determination of Diesel Range Organics |
| ME418_1 | Modified E418.1 TRPH (Alaska) |
| PID | Handheld PID for Pre-Screening Volatile Organics i |
| SW1010 | Flash Point (Closed Cup Tester) |
| SW1020 | Setaflash Closed-Cup Method For Determining Ignitability |
| SW1020A | Setaflash Closed-Cup Method for Determining Ignitability |
| SW1110 | Corrosivity Toward Steel |
| SW6010 | Inductively Coupled Plasma- Emission |
| SW6010A | Inductively Coupled Plasma-Atomic Emission Spectroscopy |
| SW7020 | Aluminum (AA, Direct Aspiration) |
| SW7040 | Antimony (AA, Direct Aspiration) |
| SW7041 | Antimony (AA, Furnace Technique) |
| SW7060 | Arsenic (AA, Furnace Technique) |
| SW7061 | Arsenic by Hydride Generation |
| SW7061A | Arsenic (AA, Gaseous Hydride) |
| SW7080 | Barium (AA, Direct Aspiration) |
| SW7081 | Barium (AA, Furnace Technique) |

# Environmental Hazards (domain values)

| | |
|---|---|
| SW7090 | Beryllium (AA, Direct Aspiration) |
| SW7091 | Beryllium (AA, Furnace Technique) |
| SW7130 | Cadmium (AA, Direct Aspiration) |
| SW7131 | Cadmium (AA, Furnace Technique) |
| SW7140 | Calcium (AA, Direct Aspiration) |
| SW7190 | Chromium (AA, Direct Aspiration) |
| SW7191 | Chromium (AA, Furnace Technique) |
| SW7195 | Chromium, Hexavalent (Coprecipitation) |
| SW7196 | Chromium, Hexavalent (Colorimetric) |
| SW7196A | Chromium, Hexavalent (Colorimetric) |
| SW7197 | Chromium, Hexavalent (Chelation/Extraction) |
| SW7198 | Chromium, Hexavalent (Differential Pulse Polarography) |
| SW7200 | Cobalt (AA, Direct Aspiration) |
| SW7201 | Cobalt (AA, Furnace Technique) |
| SW7210 | Copper (AA, Direct Aspiration) |
| SW7211 | Copper (AA, Furnace Technique) |
| SW7380 | Iron (AA, Direct Aspiration) |
| SW7381 | Iron (AA, Furnace Technique) |
| SW7420 | Lead (AA, Direct Aspiration) |
| SW7421 | Lead (AA, Furnace Technique) |
| SW7430 | Lithium (AA, Direct Aspiration) |
| SW7450 | Magnesium (AA, Direct Aspiration) |
| SW7460 | Manganese (AA, Direct Aspiration) |
| SW7461 | Manganese (AA, Furnace Technique) |
| SW7470 | Mercury in Liquid Waste (Manual Cold-Vapor Technique) |
| SW7471 | Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique) |
| SW7480 | Molybdenum (AA, Direct Aspiration) |
| SW7481 | Molybdenum (AA, Furnace Technique) |
| SW7520 | Nickel (AA, Direct Aspiration) |
| SW7550 | Osmium (AA, Direct Aspiration) |
| SW7610 | Potassium (AA, Direct Aspiration) |
| SW7740 | Selenium (AA, Furnace Technique) |
| SW7741 | Selenium (AA, Gaseous Hydride) |

| | |
|---|---|
| SW7760 | Silver,(AA, Direct Aspiration) |
| SW7760A | Silver (AA, Direct Aspiration) |
| SW7761 | Silver (AA, Furnace Technique) |
| SW7770 | Sodium (AA, Direct Aspiration) |
| SW7780 | Strontium (AA, Direct Aspiration) |
| SW7840 | Thallium (AA, Direct Aspiration) |
| SW7841 | Thallium (AA, furnace Technique) |
| SW7870 | Tin (AA, Direct Aspiration) |
| SW7910 | Vanadium (AA, Direct Aspiration) |
| SW7911 | Vanadium (AA, Furnace Technique) |
| SW7950 | Zinc (AA, Direct Aspiration) |
| SW7951 | Zinc (AA, Furnace Technique) |
| SW8010 | Halogenated Volatile Organics by Gas Chromatography |
| SW8010A | Halogenated Volatile Organics by Gas Chromatography |
| SW8015 | Non-halogenated Volatile Organics |
| SW8020 | Aromatic Volatile Organics |
| SW8040A | Phenols by Gas Chromatography |
| SW8080 | Organochlorine Pesticides and PCBs |
| SW8100 | Polynuclear Aromatic Hydrocarbons |
| SW8140 | Organophosphorus Pesticides |
| SW8141 | Organophosphorus Compounds by Gas Chromatography |
| SW8150 | Chlorinated Herbicides by GC |
| SW8150A | Chlorinated Herbicides by Gas Chromatography |
| SW8240 | GC/MS for Volatile Organics |
| SW8260 | Volatile Organic Compounds by GC/MS |
| SW8270 | Semivolatile Organics by GC/MS |
| SW8270A | Semivolatile Organic Compounds by GC/MS |
| SW8280 | Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans |
| SW8290D | Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans |
| SW8310 | Polynuclear Aromatic Hydrocarbons |
| SW9010 | Total and Amenable Cyanide |
| SW9010A | Total and Amenable Cyanide |
| SW9012 | Total and Amenable Cyanide (Colorimetric, Automated UV) |

| | |
|---|---|
| SW9013 | Cyanide Extraction Procedure for Solids and Oils |
| SW9020 | Total Organic Halides (TOX) |
| SW9020A | Total Organic Halides (TOX) |
| SW9060 | Total Organic Carbon (TOC) |
| SW9071 | Oil and Grease Extraction Method for Sludge Samples |
| SW9076D | Total Chlorine in Petroleum Products by Oxidative Combustion |

**DOMAIN NAME** env - analytical result basis

**DEFINITION** Basis that the analytical sample results are reported in.

| VALUE | DEFINITION |
|---|---|
| DRY | Dry |
| FF | Field Filtered |
| LF | Laboratory Filtered |
| NA | not applicable |
| WET | Wet |

**DOMAIN NAME** env - asbestos cont mat form

**DEFINITION** The form of the asbestos containing material.

| VALUE | DEFINITION |
|---|---|
| FRIABLE | Asbestos containing materiel containing more than 1 percent asbestos which can be crumbled or reduced to powder by han |
| NONFRIABLE | Asbestos containing materiel containing more than 1 percent asbestos which cannot be crumbled or reduced to powder by h |

**DOMAIN NAME** env - asbestos cont mat type

**DEFINITION** The type of asbestos containing material.

| VALUE | DEFINITION |
|---|---|
| CEILING_TILE | Type of ceiling surfacing materiel. |
| COUNTERTOP | Type of counter surfacing materiel. |
| FABRIC | Type of woven materiel used for decorative or surfacing purposes. |
| FLOOR_TILE | Type of floor surfacing materiel. |
| INSULATION | ACM used to inhibit heat transfer or prevent condensation on pipes; tanks; ducts; cold and hot water system components; |
| PARTITION | Item used in restrooms, meeting rooms, etc. for the purpose of providing privacy and room division. |
| PIPE | Item used for conveying a slurry, liquid, or gas. |
| ROOFING_FELT | Type of roof protectant materiel that is installed underneath the roofing shingles. |
| ROOFING_SHINGLE | Type of roof surfacing materiel. |
| SURFACING | ACM sprayed or troweled on surfaces for acoustical, decrorative, or fireproofing purposes. |

| | |
|---|---|
| TBD | To Be Determined by local User. |
| WALL_BOARD | Type of interior wall surfaciing materiel. |
| WALL_SHINGLE | Type of exterior wall surfacing  materiel. |

**DOMAIN NAME** env - asbestos type

**DEFINITION** The type of asbestos mineral present in an asbestos containing material.

| VALUE | DEFINITION |
|---|---|
| ACTINOLITE | Member of the amphibole asbestos group with chain-like crystal structure, not commonly used. |
| AMOSITE | Second most commonly used asbestos mineral, brown in color, member of the amphibole group with chain-like crystal stru |
| ANTHOPHYLLITE | Member of the amphibole asbestos group with chain-like crystal structure, not commonly used. |
| CHRYSOTILE | Most commonly used asbestos mineral, white in color, member of the serpentine group with sheet or layered crystal structu |
| CROCIDOLITE | Used in high temperature insulation applications, blue in color, member of the amphibole asbestos group with chain-like cr |
| TREMOLITE | Member of the amphibole asbestos group with chain-like crystal structure, not commonly used. |

**DOMAIN NAME** env - bdh remediation type

**DEFINITION** A descriptor indicating the recommended, proposed, or actual type of environmental building hazard remediation method.

| VALUE | DEFINITION |
|---|---|
| ENCAPSULATE | Seal the hazardous materiel with paint, coating, or cover. |
| REMOVE | Remove and dispose of hazardous materiel. |
| TBD | to be determined. |

**DOMAIN NAME** env - biological warfare cat

**DEFINITION** A descriptor indicating the category of biological warfare material or waste.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined. |

**DOMAIN NAME** env - chemical category

**DEFINITION** A descriptor indicating the category of chemical material or waste.

| VALUE | DEFINITION |
|---|---|
| MISCELLANEOUS | mixture of several different categories of chemicals. |
| PAINT | paint |
| PCB | polychlorinated biphenyl |
| PESTICIDE | pesticide, insecticide, herbicide, or fungicide. |
| SOLVENT | solvent |
| TBD | to be determined |
| UNKNOWN | unknown |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - chemical warfare category

**DEFINITION** A descriptor indicating the category of chemical warfare material or waste.

| VALUE | DEFINITION |
|---|---|
| MUSTARD_GAS | mustard gas |
| TBD | to be determined |

**DOMAIN NAME** env - container type

**DEFINITION** A descriptor indicating the type of container the material or waste is located in.

| VALUE | DEFINITION |
|---|---|
| CARDBOARD | cardboard box or container |
| MCONTAINER | metal container |
| METALDRUM | metal drum |
| PCONTAINER | plastic container |
| PLASTDRUM | plastic drum |
| WOOD | wooden box or container |

**DOMAIN NAME** env - control limit code

**DEFINITION** Type of quality control limit used in analyzing the sample.

| VALUE | DEFINITION |
|---|---|
| CLP90 | Contract Laboratory Program Limits March 1990 |
| CLPCC | CLP Continuing Calibration Acceptance Criteria |
| CLPIC | CLP Initial Calibration Acceptance Criteria |
| LS | Laboratory Sample Limits |
| ME | Method Established Limits |
| MECC | Method Established Continuing Calibration Acceptance Criteria |
| MEIC | Method Established Initial Calibration Acceptance Criteria |
| MS | Matrix Spike Limits |
| SRD | Standard Reference Limits Defined |
| SRM | Standard Reference materiel Precision |

**DOMAIN NAME** env - dod site category

**DEFINITION** Type of federal owned site (excluding irp and superfund sites).

| VALUE | DEFINITION |
|---|---|
| CIVIL_WORKS | Army Corps of Engineers Civil Works. |
| OTHER_AIR_FORCE | Air Force (other than installation restoration program or superfund site). |

| | |
|---|---|
| OTHER_ARMY | Army (other than installation restoration program or superfund site). |
| OTHER_MARINES | Marines (other than installation restoration program or superfund site). |
| OTHER_NAVY | Navy (other than installation restoration program or superfund site). |

**DOMAIN NAME** env - environmental hazard cat

**DEFINITION** A descriptor indicating the general category of environmental hazard (e.g., chemical, petroleum).

| VALUE | DEFINITION |
|---|---|
| BIO_WARFARE | Residues of biological warfare items, materiels, or waste are present. |
| BLDG_ENV_HAZARD | Building environmental hazards are present. |
| CHEM_POLLUTION | Polluted by the residues of one or more chemical (nonpetroleum) products or wastes. |
| CHEM_WARFARE | Residues of chemical warefare items, materiels, or waste are present. |
| MED_POLLUTION | Polluted by the residues of one or more medical or infectious products or wastes. |
| MIXED_POLLUTION | Polluted by the residues of one or more chemical, petroleum, and radioactive products or wastes. |
| NONE | Investigation and/or further study has reveiled that there are no environmental hazards present at the site. |
| OEW | Residues of ordnance and explosive waste items, materiels, or waste are present. |
| PETRO_POLLUTION | Polluted by the residues of one or more petroleum products or wastes. |
| RAD_POLLUTION | Polluted by the residues of one or more radioactive products or wastes. |
| RAD_WARFARE | Residues of radioactive warfare items, materiels, or waste are present. |
| SOLID_WASTE | Solid waste. |
| UNKNOWN | The category of environmental hazard has not yet been determined. |

**DOMAIN NAME** env - epa region

**DEFINITION** The EPA Region that the site is located in.

| VALUE | DEFINITION |
|---|---|
| 1 | EPA Region 1 - Includes CT, ME, MA, NH, RI, & VT. |
| 10 | EPA Region 10 - Includes AK, ID, OR, & WA. |
| 2 | EPA Region 2 - Includes NJ, NY, PR, & VI. |
| 3 | EPA Region 3 - Includes DE, DC, MD, PA, VA, & WV. |
| 4 | EPA Region 4 - Includes AL, FL, GA, KY, MS, NC, SC, & TN. |
| 5 | EPA Region 5 - Includes IL, IN, MI, MN, OH, & WI. |
| 6 | EPA Region 6 - Includes AR, LA, NM, OK, & TX. |
| 7 | EPA Region 7 - Includes IA, KS, MO, & NE. |
| 8 | EPA Region 8 - Includes CO, MT, ND, SD, UT, & WY. |
| 9 | EPA Region 9 - Includes AS, AZ, CA, CN, FM, GM, HI, JQ, MQ, NV, PM, PT, RM, & TT. |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - explosive materiel cat

**DEFINITION** A descriptor indicating the category of explosive material or ordnance and explosive waste.

| VALUE | DEFINITION |
|---|---|
| BULK_EXP_MAT | bulk explosive materiel |
| CONV_MUNITION | conventional munition |
| LARGE_MUNITION | large munition (e.g., rockets, missles). |
| MISCELLANEOUS | mixture of several different categories of explosive materiels and waste. |
| PROPELLANT | propellant |
| PYROTECHNIC | pyrotechnic |

**DOMAIN NAME** env - extraction method code

**DEFINITION** A code indicating the standard analytical method that was used to extract or prepare a sample for analysis.

| VALUE | DEFINITION |
|---|---|
| DI | Direct Injection |
| FLDFLT | Field Filtering For Dissolved Metals |
| FLDFLTA | Acid Digestion of Water for Dissolved Metals for Analysis by FAA |
| FLT | Filtered Sample (0.45 Micron) |
| FLTRES | Residue After Filtering (0.45 Micron) |
| FLTRESA | Acid Digestion of Water for Suspended Metals for Analysis by FAA |
| METHOD | Extraction Method Specified in Analytical Method |
| NONE | No Extraction Required For This Method |
| REACT | Reactivity |
| SW1310 | Extraction Procedure (EP) Toxicity Test Method and |
| SW1311 | Toxicity Characteristic Leaching Procedure (TCLP) |
| SW1320 | Multiple Extraction Procedure |
| SW1330 | Extraction Procedure for Oily Wastes |
| SW3005 | Digestion for Total Recoverable Metals for Flame |
| SW3010 | Digestion for Total Metals for Flame AA and ICP |
| SW3010A | Acid Digestion of Aqueous Samples and Extracts for Tot Met FAAICP |
| SW3015 | Microwave Assisted Acid Digestion of Aqueous Sampl |
| SW3020 | Digestion for Total Metals for Furnace AA |
| SW3020A | Acid Digestion of Aqueous Samples and Extracts for Tot Met GFAA |
| SW3040 | Dissolution Procedure for Oils, Greases, or Waxes |

# Environmental Hazards (domain values)

| | |
|---|---|
| SW3050 | Acid Digestion of Sediments, Sludges, and Soils |
| SW3050A | Acid Digestion of Sediments, Sludges, and Soils |
| SW3051 | Microwave Assisted Acid Digestion of Soils, Sediments |
| SW3060 | Alkaline Digestion of Soil and Solid Waste |
| SW3500 | Organic Extraction and Sample Preparation |
| SW3500A | Organic Extraction and Sample Preparation |
| SW3510 | Separatory Funnel Liquid-Liquid Extraction |
| SW3510A | Separatory Funnel Liquid-Liquid Extraction |
| SW3520 | Continuous Liquid-Liquid Extraction |
| SW3520A | Continuous Liquid-Liquid Extraction |
| SW3540 | Soxhlet Extraction |
| SW3540A | Soxhlet Extraction |
| SW3550 | Sonication Extraction |
| SW3580 | Waste Dilution |
| SW3580A | Waste Dilution |
| SW3600A | Cleanup |
| SW3610 | Alumina Column Cleanup |
| SW3610A | Alumina Column Cleanup |
| SW3611 | Alumina Column Cleanup And Separation Of Petroleum |
| SW3611A | Alumina Column Cleanup and Separation of Petroleum Wastes |
| SW3620 | Florisil Column Cleanup |
| SW3620A | Florisil Column Cleanup |
| SW3630 | Silica Gel Cleanup |
| SW3630A | Silica Gel Cleanup |
| SW3640 | Gel-Permeation Cleanup |
| SW3650 | Acid-Base Partition Cleanup |
| SW3650A | Acid-Base Partition Cleanup |
| SW3660 | Sulfur Cleanup |
| SW3660A | Sulfur Cleanup |
| SW5030 | Purge-and-Trap |
| SW5030A | Purge-and-Trap |
| SW5040 | Protocol for Analysis of Sorbent Cartridges from Volatile Organic |
| SW824D | SW8240(B) Direct Injection Technique |

| | |
|---|---|
| SW9071 | Oil & Grease Extraction Method for Sludge Samples |
| TOTAL | HNO3 Digestation of Unfiltered Waters for Total Metals |
| TOTREC | Total Recoverable Digestion of Unfiltered Sample |
| TOTRECA | Acid Digestion of Waters for Total Recoverable Metals for FAA,ICP |
| WET | Waste Extraction Test (WET) |
| WOS | Water Extraction of Soils |

**DOMAIN NAME** env - hazard correction status

**DEFINITION** A descriptor indicating whether action is being taken to correct or remove an environmental hazard.

| VALUE | DEFINITION |
|---|---|
| C | Efforts to correct or remove the environmental hazard are complete. |
| N | No, efforts to correct or remove the environmental hazard have not begun. |
| Y | Yes, efforts are being made to correct or remove the environmental hazard. |

**DOMAIN NAME** env - hazmat/hazwaste loc cat

**DEFINITION** A descriptor indicating the category of storage location for contained hazardous materiel/hazardous waste (e.g., area, buildin

| VALUE | DEFINITION |
|---|---|
| AREA | A DEFINED AREA DESIGNATED FOR THE STORAGE OF HAZARDOUS MATERIEL OR HAZARDOUS WAST |
| BUILDING | A BUILDING DESIGNATED FOR THE STORAGE OF HAZARDOUS MATERIEL OR HAZARDOUS WASTE. |
| ROOM | A ROOM DESIGNATED FOR THE STORAGE OF HAZARDOUS MATERIEL OR HAZARDOUS WASTE. |
| VAULT | A SECURED VAULT OR CABINET DESIGNATED FOR THE STORAGE OF HAZARDOUS MATERIEL OR HAZ |

**DOMAIN NAME** env - hazmat/hazwaste stor cat

**DEFINITION** A descriptor indicating the category of hazardous waste or materiel stored at a location.

| VALUE | DEFINITION |
|---|---|
| CHEM_PETRO | chemical and petroleum |
| CHEMICAL | chemical |
| MEDICAL | medical |
| MIXED | mixture of radioactive and chemical, or petroleum, waste. |
| PETROLEUM | petroleum |
| RADIOACTIVE | radioactive |

**DOMAIN NAME** env - indoor air hazard

**DEFINITION** The type of indoor air hazard present.

| VALUE | DEFINITION |
|---|---|
| AIRBORNE_BIOLOG | Airborne biological sources. |

# Environmental Hazards (domain values)

| | |
|---|---|
| AIRBORNE_MICRO | Airborne microorganisms. |
| ASBESTOS | asbestos |
| CARBON_DIOXIDE | carbon dioxide |
| CARBON_MONOXID | carbon monoxide |
| COMBUSTIONGASES | Exhaust or residues from combustion gases. |
| FORMALDEHYDE | Colorless pungent irritating gas that is made by oxidation of methanol or gaseous hydrocarbons and used chiefly as a disinf |
| FUNGUS_SPORES | fungus spores |
| PARTICULATES | particulates |
| PESTICIDE | pesticides, insecticides, herbicides, etc. residues. |
| RADON | radon |
| TBD | To Be Determined by Local User. |
| TOBACCO_SMOKE | Smoke given off by a cigarette or other type of tobacco product. |
| UNKNOWN | unknown |
| VOLATILEORGANIC | Volatile organic compounds. |

**DOMAIN NAME** env - laboratory note

**DEFINITION** Data qualifiers describing various observations and difficulties with the sample analysis.

| VALUE | DEFINITION |
|---|---|
| A | EPA Flag - TIC is a suspected aldol-condensation product |
| AA | Kerosene range was not reported due to the overlap of hydrocarbo |
| AB | Diesel range was not reported due to overlap of hydrocarbon range |
| AC | Heavier hydrocarbons contributing to diesel range quantitation. |
| AD | Typical pattern for Diesel |
| AE | Unknown Hydrocarbon with a single peak |
| AF | Hydrocarbon response is in the C7-C12 range |
| AG | Hydrocarbon response is in the C9-C12 range |
| AH | Hydrocarbon response is in excess of C22 |
| AJ | Heavier hydrocarbon than Diesel |
| AK | Lighter hydrocarbon than Diesel |
| AL | Hydrocarbon response is in the C8-C12 range |
| AM | Hydrocarbon response is in the C12-C22 range |
| AN | Unknown Hydrocabon with several peaks |
| AO | Typical pattern for Gasoline |
| AP | Hydrocarbon response is in the C7-C14 range |

# Environmental Hazards (domain values)

| | |
|---|---|
| AQ | Hydrocarbon response is in the C9-C14 range |
| AR | Hydrocarbon response is in excess of C10 |
| AS | Heavier hydrocarbon than Gasoline |
| AT | Lighter hydrocarbon than Gasoline. |
| AU | Inj. precision not met |
| AW | Detection limit increased due to dilition factor |
| AX | Sample too dilute to quantify surrogate. |
| AY | Matrix interference suspected |
| AZ | Surr recoveries outside of acceptable range due to matrix interf. |
| B | EPA Flag - Analyte present in the blank and the sample |
| BA | Relative percent differnce out of control |
| BB | Sample > 4x spike concentration |
| BC | Matrix spike out of control, lab control sample within limits |
| BD | Concentration value greater than 25% Difference between columns |
| BE | Low surrogate recovery. Analyzed Twice. |
| BF | Reporting limit raised due to high hydrocarbon background |
| BG | Reporting limits raised due to interelement interference |
| BH | Reporting limits raised due to high level of non-target analytes. |
| BI | Sample does not resemble standard. |
| BJ | Analyte detected in blank and sample |
| BK | Hexavalent Chromiun not available. Total Chromium analyzed. |
| BL | Compound unidentified at a second dilution. |
| BM | Sustains Ignition |
| BN | Ignites but does not sustain ignition |
| BO | Foaming during purge cycle |
| BP | Sample Type i, a millable solid |
| BQ | Sample Type ii, a liquid solid mixture |
| BR | Sample Type iii, a non-filterable, non-millable sludge |
| BS | Insufficient sample available to follow standard QC procedures |
| BT | Insufficient sample to perform the analysis |
| BU | Sample analyzed after holding time expired |
| BV | Sample received after holding time expired. |
| BW | Sample extract analyzed after holding time expired |

# Environmental Hazards (domain values)

| | |
|---|---|
| BX | Sample stored at improper temperature |
| BY | Samle received at improper temperature |
| BZ | Sample preserved improperly |
| C | EPA Flag - Pesticide result confirmed using GC/MS |
| CA | Sample contains white precipitate |
| CB | Sample contains floculant materiel |
| CC | Sample contains free product |
| CD | Sample contains multiple phases |
| CE | Sample not homgeneous |
| CF | Sample releases strong sulfur odor |
| CG | Sample releases strong solvent odor |
| CH | Sample releases strong petroleum odor |
| CI | See Narrative |
| D | EPA Flag - Analytes analyzed at a secondary dilution |
| E | EPA Flag - Analyte exceeded the concentration range of the GC/MS |
| J | EPA Flag - Estimated Value |
| N | EPA Flag - Presumptive evidence of a compound |
| P | EPA Flag - > 25% D for detected concentrations between 2 columns |
| U | EPA Flag - Compound was analyzed for but was not detected |

**DOMAIN NAME** env - landfill cell type

**DEFINITION** Construction classification of a landfill cell.

| VALUE | DEFINITION |
|---|---|
| AREA_A | Landfill cell covers a designated area, located at or above the original ground surface elevation. |
| AREA_AB | Landfill cell covers a designated area located both, at or below, and above the original ground surface elevation. |
| PIT_AB | Landfill cell constructed in a manmade pit (e.g., strip mine, quarry) located both, at or below, and above, the adjacent origi |
| PIT_B | Landfill cell constructed in a manmade pit (e.g., strip mine, quarry) located at or below the adjacent original ground surfac |
| RAVINE_A | Landfill cell constructed in a natural depression, canyon, or ravine located at or above the original ground surface elevation |
| RAVINE_AB | Landfill cell constructed in a natural depression, canyon, or ravine located both, at or above, and below, the original groun |
| TRENCH_AB | Landfill cell constructed in an excavated trench located both, at or below, and above, the adjacent original ground surface e |
| TRENCH_B | Landfill cell constructed in an excavated trench, located at or below the adjacent original ground surface elevation. |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - landfill pipe category

**DEFINITION** A descriptor indicating the category of landfill pipe (e.g., leachate or gas).

| VALUE | DEFINITION |
|---|---|
| GAS | Pipe conveys vapor or soil gas. |
| LEACHATE | Pipe conveys liquid containing water and possibly contaminants. |

**DOMAIN NAME** env - lead hazard type

**DEFINITION** A descriptor indicating the type of lead hazard.

| VALUE | DEFINITION |
|---|---|
| PAINT | paint containing lead component. |
| PIPE | pipe containing lead materiel component. |

**DOMAIN NAME** env - liner material type

**DEFINITION** Classification of a material used to line a landfill or landfill cell.

| VALUE | DEFINITION |
|---|---|
| BUTYL_RUBBER | Butyl rubber. |
| CPE | Chlorinated Polyethylene |
| CSPE | Chlorosulfonated Polyethylene |
| EPDM | Ethylene-Propylene Rubber. |
| EPO | Elasticized polyolefin |
| HYPALON | Hypalon rubber. |
| INSTALLED_CLAY | Clay liner was installed. |
| NATURAL_CLAY | Natural clay liner. |
| NEOPRENE | Neoprene rubber. |
| NONE | No liner material was installed. |
| POEL | Polyester Elastomer |
| PVC | Polyvinylchloride. |
| UNKNOWN | Type of liner material is not known. |

**DOMAIN NAME** env - location class code

**DEFINITION** Classification of the location where the sample is collected.

| VALUE | DEFINITION |
|---|---|
| A | Air |
| AS | Pump and Treat (Air Stripping) |
| BH | Borehole |

# Environmental Hazards (domain values)

| | |
|---|---|
| BL | Manmade Building materiels from Roof, Walls, Basem |
| BR | Non-Fixed Locations Receptical Including Barrels & |
| CH | Channel/Ditch |
| CP | Composite From Several Locations |
| FW | Faucet/Tap |
| HP | Holding Pond/Lagoon |
| LH | Leachate From Landfill |
| LK | Lake/Pond |
| MS | Marine Sediment |
| OC | Outcrop |
| ON | Ocean |
| PH | Cone Pentrometer/Hydropunch |
| PR | Soil Gas Probe |
| PZ | Piezometer |
| RE | Residence |
| RV | River/Stream |
| SE | Seep |
| SL | Surface Location |
| SP | Spring |
| SR | Sewer System |
| SS | Surface Survey |
| SW | Storm Water |
| TE | Tank/Pipe removal excavation |
| TK | Fix Loc Receptical Including Tanks,Containers and |
| TP | Test Pit |
| VF | Emission isolation flux chamber, utilizing stainle |
| WL | Well |
| WW | Waste Water |

**DOMAIN NAME** env - location proximity

**DEFINITION** A descriptor indicating location proximity of the subject item.

| **VALUE** | **DEFINITION** |
|---|---|
| I | Within Installation Boundaries |
| O | Outside Installation Boundaries |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - magnetometer type

**DEFINITION** A descriptor indicating the type of geophysical data point.

| VALUE | DEFINITION |
|---|---|
| HS_MAGNETOMETE | high-sensitivity magnetometer - greater detection capability than low-sensitivity magnetometer, but more expensive. |
| LS_MAGNETOMETE | low-sensitivity magnetometer - do not emit electromagnetic radiation, detect only ferrous objects, relatively inexpensive. |
| METAL_DETECTOR | metal detector - devices which emit low-frequency radiation and can locate ferrous as well as nonferrous objects. |

**DOMAIN NAME** env - medical mat/waste cat

**DEFINITION** A descriptor indicating the category of medical material or waste.

| VALUE | DEFINITION |
|---|---|
| INFECTIOUS | infectious medical waste |
| PHARM | pharmaceutical |

**DOMAIN NAME** env - npl status

**DEFINITION** Indicates if the site is listed, or proposed for listing, on EPA's National Priorities List.

| VALUE | DEFINITION |
|---|---|
| NO | Site is not listed on the EPA National Priorities List. |
| PROPOSED | Site is proposed for listing on the EPA National Priorities List. |
| YES | Site is listed on the EPA National Priorities List. |

**DOMAIN NAME** env - parameter label code

**DEFINITION** Code representing the measured analyte parameter.

| VALUE | DEFINITION |
|---|---|
| 11DCPROPN | 1,1-Dichloropropanone |
| 13BZDIOL | Resorcinol |
| 13DCPR3OH | 1,3-Dichloro-3-Propanol |
| 14BZDIOL | 1,4-Benzenediol |
| 14DAC10N | 1,4-Dioxaspiro[4.5]decane |
| 1CLOCT | 1-Chloro-octane |
| 245T | 2,4,5-T (Trichlorophenoxyacetic Acid) |
| 24D | 2,4-D (Dichlorophenoxyacetic Acid) |
| 24DB | 2,4 DB |
| 24DCPHYAA | 2,4-Dichlorophenylacetic acid |
| 26DMHD | 2,6-Dimethyl Heptadecane |
| 2BPH | 2-Bromophenol |

# Environmental Hazards (domain values)

| | |
|---|---|
| 2CPT2 | 1(2-Chlorophenyl)-2-Thiourea |
| 2MDMEPA | 2-Methyl-1(1,1-Dimethylethyl Propanoic Acid) |
| 2MEC7N | 2-Methyl-Heptane |
| 2MECYP | 2-Methyl Cyclopentanol |
| 2MEE2PA | 2-Methyl-Ethenyl Ester-2-Propenoic Acid |
| 2MEPA3 | Propanoic Acid, 2-Methyl-3 |
| 2NONENAL | 2-Nonenal |
| 2PN1OL | 2-Propen-1-OL |
| 2PRYN1OL | 2-Propyn-1-OL |
| 3ETO | 3-Ethyl-1-Octene |
| 4ETO2 | 4-Ethyl 2-Octene |
| 4N2PHEN | 4-Nitrobiphenyl |
| 4NQO | 4-Nitroquinoline-N-Oxide |
| 4P3H | 4-Propyl-3-Heptene |
| 9PHENAN | 9-Phenylanthracene |
| A2DNT46 | 2-Amino-4,6-Dinitrotoluene |
| A4DNT26 | 4-Amino-2,6-Dinitrotoluene |
| ABZC2 | C2-Alkylbenzenes |
| AC_228 | Actinium 228 |
| AC1PYRL | 1-Acetylpyrrolidine |
| AC2T | 1-Acetyl-2-Thiourea |
| AC4MEK | 4-(Acethyloxy)2-Butanone |
| AC5PN2 | 5-(Acetyloxy)-2-Pentanone |
| AC6HXN2 | 6-(Acetyloxy)2-Hexanone |
| ACABZ | Acetaldehydebenzene |
| ACAMFL2 | 2-Acetylaminofluorene |
| ACCN | Acetonitrile |
| ACE | Acetone |
| ACEP | Acephate |
| ACETHPT2 | Acetate 2-Heptanol |
| ACETHYDE | Acetaldehyde |
| ACID | Acidity , Total |
| ACNP | Acenaphthene |

# Environmental Hazards (domain values)

| | |
|---|---|
| ACNPD10 | Acenaphthene-d10 |
| ACNPY | Acenaphthylene |
| ACPHN | Acetophenone |
| ACRAMD | Acrylamide |
| ACRL | Acrolein |
| ACRN | Acrylonitrile |
| AFN | Acifluorfen |
| AG | Silver |
| AG_110M | Silver-110M (Metastable) |
| AL | Aluminum |
| ALACL | Alachlor |
| ALDICARB | Aldicarb (Sulfide, Sulfoxide, and Sulfone) |
| ALDRIN | Aldrin |
| ALDSULF | Aldicarb Sulfone |
| ALDSULFOX | Aldicarb Sulfoxide |
| ALK | Alkalinity,  Total (As CaCO3) |
| ALKB | Alkalinity, Bicarbonate (As CACO3) |
| ALKC | Alkalinity, Carbonate (As CACO3) |
| ALKH | Alkalinity, Hydroxide (As CACO3) |
| ALKP | Alkalinity, Phenolphthalein |
| ALPHA | Alpha, Gross |
| ALPHAU | Alpha (As U) |
| ALPREG | Allopregnane |
| AM_241 | Americium-241 |
| AMAQ2 | 2-Aminoanthraquinone |
| AMAZOBENZ | Aminoazobenzene |
| AMBZACTH | Benzeneacetaldehyde, Alpha-Methyl |
| AMESTY | Alpha Methylstyrene |
| AMETRYN | Ametryn |
| AMINOBPH4 | 4-Aminobiphenyl (4-Biphenylamine) |
| AMINOCARB | 4-(Dimethylamino)-3-Methylphenolmethyl-Carbamate |
| AMINONAPH1 | 1-Naphthylamine |
| AMINONAPH2 | 2-Aminonaphthalene (Beta Naphthylamine) |

# Environmental Hazards (domain values)

| | |
|---|---|
| AMITROLE | Amitrole |
| AMOSITE | Amosite |
| ANILINE | Aniline (Phenylamine, Aminobenzene) |
| ANLNAM2 | o-Phenylenediamine |
| ANLNAM3 | m-Phenylenediamine |
| ANLNAM4 | p-Phenylenediamine |
| ANSD2 | o-Anisidine |
| ANTH | Anthracene |
| ANTHD912 | 9,12-Anthracene Dione |
| ANTU | 1-(1-Naphthyl)-2-Thiourea |
| ANZIN | Anilazine |
| ARAMITE | Aramite |
| AS | Arsenic |
| ASBESTOS | Asbestos |
| ASH | Ash, Percent |
| ASPON | O,O,O,O-Tetra-n-Propyl Dithiopyrophosphate |
| ATRAZINE | Atrazine |
| AU | Gold |
| AZBZD10 | Azobenzene-D10 |
| AZDMBZ2 | 1-Azido-2-Methylbenzene |
| AZIPM | Azinphos, Methyl (Guthion) |
| AZOBENZENE | Azobenzene |
| AZUL | Azulene |
| B | Boron |
| B2MP12BZDA | 1,2-Benzene Dicarboxylic Acid, Butyl 2-Methyl Pro |
| B2OCTOH | 2-Butyl-1-Octanol |
| B68HCHRY | 6H,8H-Benzo[10,11]Chryseno[1 |
| BA | Barium |
| BA/LA_140 | Barium/Lanthanum-140 |
| BA_133 | Barium-133 |
| BA_140 | Barium-140 |
| BALAN | Balan |
| BARBAN | 4-Chloro-2-Butynyl m-Chlorocarbanilate |

| | |
|---|---|
| BBP | Benzyl butyl phthalate |
| BC22N7 | 7-Butyl-Docosane |
| BCP | Butyl Cellosolve Phosphate |
| BDCME | Bromodichloromethane |
| BDMDIZ | bis-(1,1-Dimethylethyl)-Diazene |
| BDME24PH | 2,4-bis(1,1-Dimethylethyl) Phenol |
| BDME26MP4 | 2,6-bis(1,1-Dimethylethyl)-4-Methylphenol |
| BE | Beryllium |
| BE_7 | Beryllium-7 |
| BECEE | 1,2-bis(2-Chloroethoxy)Ethane |
| BECEM | Bis(2-chloroethoxy)methane |
| BECEMD8 | bis(2-Chloroethoxy) Methane-D8 |
| BENOMYL | Benomyl |
| BETA | Beta, Gross |
| BETACS | Beta, Gross (As CS-137) |
| BETASR | Beta, Gross (As SR-90) |
| BFU23 | 2,3-Benzofuran |
| BHC | BHC (Hexachlorocyclohexane) Isomers |
| BHCALPHA | alpha-BHC (Alpha Hexachlorocyclohexane) |
| BHCBETA | beta-BHC (Beta Hexachlorocyclohexane) |
| BHCDELTA | delta-BHC (Delta Hexachlorocyclohexane) |
| BHCGAMMA | gamma-BHC (Lindane) |
| BI | Bismuth |
| BI_212 | Bismuth-212 |
| BI_214 | Bismuth-214 |
| BIDRIN | Dicrotophos |
| BIPHENYL | Biphenyl (Diphenyl) |
| BIS2CEE | Bis(2-chloroethyl) ether (2-Chloroethyl Ether) |
| BIS2CIE | Bis(2-chloroisopropyl)ether |
| BIS2CIED12 | bis (2-Chloroisopropyl) Ether-D12 |
| BIS2EHP | Bis(2-ethylhexyl) phthalate |
| BOD5 | Biologic Oxygen Demand, Five Day |
| BPPE4 | 4-Bromophenyl phenyl ether |

# Environmental Hazards (domain values)

| | |
|---|---|
| BR | Bromide |
| BR1CL2EA | 1-Bromo-2-Chloroethane |
| BR2C8N | 2-Bromo-Octane |
| BR2E | 2-Bromo-5-Ethylnonane |
| BR3ABTOH | 2-Butanol, 3-Bromo-, Acetate |
| BR4FBZ | 4-Bromo-4-Fluorobenzene (4-Bromofluorobenzene) |
| BR5FLPPAN | 5-Bromo-2-(p-Fluorophenoxy Aniline) |
| BRBZ | Bromobenzene |
| BRC10N3 | 3-Bromodecane |
| BRC6N | 3-Bromohexane |
| BRCLBZ4 | 4-Bromochlorobenzene |
| BRCLME | Bromochloromethane |
| BRCYHEX2T | trans-2-Bromocyclohexanol |
| BRCYHX | Bromocyclohexane |
| BREA | Bromoethane |
| BRME | Bromomethane |
| BROMCIL | Bromacil |
| BROXL | Bromoxynil |
| BT | Butane |
| BT2A | 2-Butenoic Acid |
| BT2CYHX113T | 2-Butyl-1,1,3-T-Cyclohexane |
| BT2PRCYP | 1-Butyl-2-Propyl-Cyclopentane |
| BTA | Butanoic acid |
| BTACET | n-Butyl Acetate |
| BTACR | n-Butyl Acrylate |
| BTALT | tert-Butyl Alcohol |
| BTBZN | n-Butylbenzene |
| BTBZS | sec-Butylbenzene |
| BTBZT | 4-Butylbenzene |
| BTCL | n-Butylchloride |
| BTCYHX | Butyl Cyclohexane |
| BTE | n-Butyl Ether |
| BTHYDE | n-Butyraldehyde |

| | |
|---|---|
| BTOH | n-Butanol |
| BTOX2PET | 2-Butoxy-,Phosphate Ethanol |
| BTOX4BA | 4-Butoxy Butanoic Acid |
| BTOXETACET | 2-(2-Butoxy)Ethoxyethyl Acetate |
| BTOXETETL | 2-(2-Butoxyethoxy)Ethanol |
| BTOXPROH2 | 1-Butoxy-2-Propanol |
| BTRA | Butyric Acid |
| BTX | Benzene, Toluene and Xylene |
| BTZ | Bentazon |
| BU2OH | sec-Butyl Alcohol |
| BUTACHLOR | Butachlor |
| BZ | Benzene |
| BZAA | Benzo(a)anthracene |
| BZACA | Benzeneacetic Acid |
| BZACID | Benzoic acid |
| BZAFL | 11H-Benzo[A]Fluorene |
| BZAFR | Benzo(a)Fluorene |
| BZALD | Benzaldehyde |
| BZAP | Benzo(a)pyrene |
| BZBF | Benzo(b)fluoranthene |
| BZCL2CN | 1,4-Dichlor-2-Iscyanatobenzene |
| BZCPHAN | Benzo(c)Phenanthrene |
| BZD | Benzidine |
| BZD6 | Benzene-D6 |
| BZDA12 | 1,2-Benzenedicarboxylic Acid, bis (4-) |
| BZEP | Benzo[e]pyrene |
| BZGHIP | Benzo(g,h,i)perylene |
| BZJF | Benzo(j)fluoranthene |
| BZKF | Benzo(k)fluoranthene |
| BZLAL | Benzyl alcohol |
| BZLCL | Benzylchloride |
| BZLDCL | Benzal Chloride |
| BZME | Toluene |

| | |
|---|---|
| BZMED8 | Toluene-d8 (surr.) |
| BZOTCL | Benzotrichloride |
| BZPA | Benzene Propanoic Acid |
| BZS | Thiophenol (Benzenethiol) |
| BZTZ | Benzothiazole |
| BZTZ23H | 2-(3H)-Benzothiazolone |
| BZTZLN | Benzothiazolone |
| C_14 | Carbon-14 |
| C10N | n-Decane |
| C11N | n-Undecane |
| C12N | n-Dodecane |
| C13N | n-Tridecane |
| C14N | n-Tetradecane |
| C16N | n-Hexadecane |
| C18N | n-Octadecane |
| C19N | Nonadecane |
| C20N | n-Eicosane |
| C22N | n-Docosane |
| C24N | n-Tetracosane |
| C25N | Pentacosane |
| C26N | n-Hexacosane |
| C28N | n-Octacosane |
| C2H6 | Ethane |
| C2M5PH | 2-Chloro-5-Methylphenol |
| C30N | n-Triacontane |
| C30N5 | Pentatriacontane |
| C32N | Dotriacontane |
| C3H8 | Propane |
| C4BZ1234 | 1,2,3,4-Tetrachlorobenzene |
| C4BZ1235 | 1,2,3,5-Tetrachlorobenzene |
| C4BZ1245 | 1,2,4,5-Tetrachlorobenzene |
| C4M2PH | 4-Chloro-2-Methylphenol |
| C4M3PH | 4-Chloro-3-methyl phenol |

| | |
|---|---|
| C5N | n-Pentane |
| C5NMTX | Pentane-2-Methoxy |
| C6N | n-Hexane |
| C7N | n-Heptane |
| C8N | n-Octane |
| C9N | n-Nonane |
| CA | Calcium |
| CAFFEINE | Caffeine |
| CAPT | Captafol |
| CAPTAM | Caprolactam |
| CAPTAN | Captan |
| CARBAZOLE | Carbazole |
| CARBOPHENOTH | Carbophenothion (Trithion) |
| CARBXN | Carboxin |
| CATION_EX | Cation-Exchange Capacity |
| CBPH2 | 2-Chlorobiphenyl |
| CD | Cadmium |
| CDS | Carbon disulfide |
| CE | Cerium |
| CE/PR_144 | Cerium/Praseodymium-144 |
| CE_141 | Cerium-141 |
| CE_144 | Cerium-144 |
| CE2BZ | 1-(2-Chloroethoxy) Benzene |
| Cellfiber | Cellulose Fiber |
| CENTMOIST | Centrifuge Moisture Equivalent |
| CEVETH | 2-Chloroethyl vinyl ether |
| CGI | Combustible Gas Index |
| CH2C10N2CH | 2-Cyclohexyl-Decane-2-Cyclohexyl |
| CH30HXN | Methoxycyclohexane |
| CH4 | Methane |
| CHEXANEME | Methylcyclohexane |
| CHLORDANE | Chlordane |
| CHLORDANEA | Alpha-Chlordane |

| | |
|---|---|
| CHLORDANEB | Beta-Chlordane |
| CHLORDANEG | Gamma-Chlordane |
| CHLORMEPHOS | Chlormephos |
| CHLORNEB | Chlorneb |
| CHLOROPRENE | 2-Chloro-1,3-Butadiene |
| CHLORPROPHAM | Isopropyl m-Chlorocarbanilate |
| CHLRL | Chloral |
| CHOLEST | Cholesterol |
| CHOLTAN | Cholestane |
| CHRYSENE | Chrysene |
| CHRYSENED12 | Chrysene-d12 |
| CHRYSO | Chrysotile |
| CHXNC2 | C2 Cyclohexane(s) |
| CHXNC3 | C3 Cyclohexane(s) |
| CL | Chloride |
| CL10BZ2 | Decachlorobiphenyl (surr.) |
| CL2 | Free Chlorine |
| CL2DMP45 | 2-Chloro-4,5-Dimethylphenol |
| CL2ETOH | Ethylene Chlorohydrin |
| CL3ABTOH2 | 2-Butanol,3-Chloro Acetate |
| CL3NATE | Trichloronate |
| CL5MANIL2 | 5-Chloro-2-Methylaniline |
| CLACTH | Chloroacetaldehyde |
| CLAE | Chloroalkylethers |
| CLAN | Chloroacetonitrile |
| CLANIL4 | 4-Chloroaniline |
| CLBEN | Chloramben |
| CLBZ | Chlorobenzene |
| CLBZD5 | Chlorobenzene-d5 |
| CLBZLATE | Chlorobenzilate |
| CLBZME2 | 2-Chlorotoluene |
| CLBZME3 | 3-Chlorotoluene |
| CLBZME4 | 4-Chlorotoluene |

| | |
|---|---|
| CLBZS | Chlorinated Benzenes |
| CLC14N | 1-Chloro-Tetradecane |
| CLC7N | 1-Chloroheptane |
| CLCYC6N | Chlorocyclohexane |
| CLCYHXAL2 | 2-Chlorocyclohexanol |
| CLDFM | Chlorodifluoromethane |
| CLDIMEFORM | Chlordimeform |
| CLE | Chloroethylene |
| CLEA | Chloroethane |
| CLFBZ2 | 1-Chloro-2-Fluorobenzene |
| CLFBZ3 | 1-Chloro-3-Fluorobenzene |
| CLFBZ4 | 1-Chloro-4-Fluorobenzene |
| CLHX1 | 1-Chlorohexane |
| CLHYD | Chlorinated Hydrocarbon |
| CLM3CPYRDN | 3-(Chloromethyl)pyridine hydrochloride |
| CLME | Chloromethane |
| CLMME | Chloromethylmethyl ether |
| CLNAPHS | Chlorinated Naphthalenes |
| CLNPH1 | 1-Chloronaphthalene |
| CLP2ET | 2-Chlorophosphate Ethanol |
| CLPE3 | Allyl Chloride (3-Chloropropene) |
| CLPH2 | 2-Chlorophenol |
| CLPH2D4 | 2-Chlorophenol-D4 |
| CLPH3 | 3-Chlorophenol |
| CLPH4 | 4-Chlorophenol |
| CLPYRIFOS | Chlorpyrifos |
| CMD | Carbon Monoxide |
| CMETHB | bis-Chloromethylether |
| CN | Cyanide |
| CNA | Cyanide Amenable to Chlorination |
| CNPH2 | 2-Chloronaphthalene |
| CO | Cobalt |
| CO_57 | Cobalt-57 |

# Environmental Hazards (domain values)

| | |
|---|---|
| CO_58 | Cobalt-58 |
| CO_60 | Cobalt-60 |
| CO2F | Carbon Dioxide, (Free) |
| CO3 | Carbonate (As CO3) |
| COD | Chemical Oxygen Demand |
| COLIF | Coliform |
| COLOR | Color |
| CORROS | Corrosivity |
| COUMAPHOS | Coumaphos |
| CP4HPHAN | 4H-Cyclopenta[def]Phenanthrene |
| CPENTANEME | Methylcyclopentane |
| CPHOSPH | Cyclophosphamide |
| CPN3 | 3-Chloropropanenitrile |
| CPPE4 | 4-Chlorophenyl phenyl ether |
| CR | Chromium |
| CR_51 | Chromium-51 |
| CR3 | Chromium III |
| CR6 | Chromium, Hexavalent |
| CRBFN | Carbofuran |
| CRESP | p-Cresidine |
| CROCID | Crocidolite |
| CROTHYDE | Crotonaldehyde |
| CROTOX | Crotoxyphos |
| CS_134 | Cesium-134 |
| CS_137 | Cesium-137 |
| CS_139 | Cesium-139 |
| CTCL | Carbon tetrachloride |
| CU | Copper |
| CVP | Chlorfenvinphos |
| CYANAZ | Cyanazine |
| CYC12N | Cyclododecane |
| CYC16N | Cyclohexadecane |
| CYC5N | Cyclopentane |

| | |
|---|---|
| CYC7N | Cycloheptane |
| CYCLOATE | Cycloate |
| CYH13YLBZ | 1,3-Cyclohexadien-1-Yl-Benzene |
| CYHE2C20N | 2-Cyclohexyl Eicosane |
| CYHEKET | Cyclohexanone |
| CYHEOH | Cyclohexanol |
| CYHEX2DNP46 | 2-Cyclohexyl-4,6-dinitrophenol |
| CYHEXBZ | Cyclohexylbenzene |
| CYHEXENE | Cyclohexene |
| CYHEXMCYHXT | trans-1-(Cyclohexylmethyl) Cyclohexane |
| CYHPN135 | 1,3,5-Cycloheptatriene |
| CYHX2ONE | 2-Cyclohexen-1-One |
| CYHXCARBA | Cyclohexane Carboxylic Acid |
| CYHXD25D14 | 2,5-Cyclohexadiene-1,4-Dione |
| CYHXDL12 | 1,2-Cyclohexanediol, Total |
| CYHXDL12C | cis-1,2-Cyclohexanediol |
| CYHXDL12T | trans-1,2-Cyclohexanediol |
| CYHXMME3CYHT | trans-1-(Cyclohexylmethyl)-3-Methyl-Cyclohexane |
| CYHXN2OL | 2-Cyclo Hexene-1-OL |
| CYM | Cymene |
| CYMM | m-Cymene |
| CYMO | o-Cymene (o-Isopropyltoluene) |
| CYMP | P-Cymene (p-Isopropyltoluene) |
| CYPRPRN2 | 1-Cyclopropyl-2-Propanone |
| CYTC14N | Cyclotetradecane |
| D11M3N | N-(1,1-Dimethylethyl)-3-Methylbenzamide |
| D12346789C13 | 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin-C13 |
| D26 | 2,6-D (Dichlorophenoxyacetic Acid) |
| DACTH | Dcpa (Dacthal) |
| DADCN | Diacetate 1,1-Dodecanediol |
| DALAPON | Dalapon |
| DB12C12N | 1,2-Dibromo-Dodecane |
| DB7HCGCBZ | 7H-Dibenzo(c,g)carbazole |

| | |
|---|---|
| DBABA | Dibenz (a,b) Anthracene |
| DBAHA | Dibenzo(a,h)anthracene |
| DBAHACR | Dibenz(a,h)acridine |
| DBAJACR | Dibenz(a,j)acridine |
| DBBPH44 | 4,4-Dibromobiphenyl |
| DBCME | Dibromochloromethane |
| DBCP | 1,2-Dibromo-3-chloropropane |
| DBDFM | Dibromodifluoromethane |
| DBF | Dibenzofuran |
| DBFM | Dibromofluoromethane (surr.) |
| DBMA | Dibromomethane |
| DBOCFBPH44 | 4,4'-Dibromooctafluorobiphenyl |
| DBPR13 | 1,3-Dibromopropane |
| DBT | Dibenzothiophene (Synfuel) |
| DBUTYLC | Dibutylchlorendate |
| DBZ1214 | 1,2 and 1,4-Dichlorobenzene |
| DBZAEP | Dibenzo(a,e)pyrene |
| DBZAHP | Dibenzo(a,h)pyrene |
| DBZAIP | Dibenzo(a,i)pyrene |
| DBZD33 | 3,3-Dichlorobenzidine |
| DCA | Dichloroethanes |
| DCA11 | 1,1-Dichloroethane |
| DCA11D4 | 1,1-Dichloroethane-d4 |
| DCA12 | 1,2-Dichloroethane |
| DCA12D4 | 1,2-Dichloroethane-d4 (surr.) |
| DCBE14C | cis-1,4-Dichloro-2-Butene |
| DCBE14T | trans-1,4-Dichloro-2-butene |
| DCBETOT | Total 1,4-Dichloro-2-Butene |
| DCBPH | Total Dichlorbiphenyls |
| DCBPH23 | 2,3-Dichlorobiphenyl |
| DCBPH44 | 4,4'-Dichlorobiphenyl |
| DCBTA14 | 1,4-Dichloro-2-butane |
| DCBZ12 | 1,2-Dichlorobenzene |

| | |
|---|---|
| DCBZ12D4 | 1,2-Dichlorobenzene-D4 |
| DCBZ13 | 1,3-Dichlorobenzene |
| DCBZ14 | 1,4-Dichlorobenzene |
| DCBZ14D4 | 1,4-Dichlorobenzene-d4 |
| DCBZA35 | 3,5-Dichlorobenzoic Acid |
| DCCYHX12 | 1,2-Dichlorocyclohexane |
| DCE11 | 1,1-Dichloroethene |
| DCE12C | cis-1,2-Dichloroethene |
| DCE12T | trans-1,2-Dichloroethene |
| DCE12TOT | 1,2-Dichloroethene, Total |
| DCLN | Dichlone |
| DCP11 | 1,1-Dichloropropene |
| DCP12 | 1,2-Dichloropropylene |
| DCP12C | cis-1,2-Dichloropropene |
| DCP12T | trans-1,2-Dichloropropene |
| DCP13 | 1,3-Dichloropropylene (1,3-Dichloropropene Mixture) |
| DCP13C | cis-1,3-Dichloropropene |
| DCP13T | trans-1,3-Dichloropropene |
| DCP23 | 2,3-Dichlorophenol |
| DCP24 | 2,4-Dichlorophenol |
| DCP25 | 2,5-Dichlorophenol |
| DCP26 | 2,6-Dichlorophenol |
| DCP34 | 3,4-Dichlorophenol |
| DCPA12 | 1,2-Dichloropropane |
| DCPA13 | 1,3-Dichloropropane |
| DCPA22 | 2,2-Dichloropropane |
| DCPR23 | 2,3-Dichloropropene |
| DCPROP | Dichlorprop |
| DCSAN | 1-Docosanol |
| DCT9PHN | 9-Dodecyl Tetra Phenanthrene |
| DCTFA12 | 1,2-Dichlorotetrafluoroethane |
| DD1234678C13 | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin-C13 |
| DD123478C13 | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin-C13 |

| | |
|---|---|
| DD123678C13 | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin-C13 |
| DD123789C13 | 1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin-C13 |
| DD12378C13 | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin-C13 |
| DDCHXS | Dodecamethyl Cyclohexasiloxane |
| DDCSA | Docosanoic Acid |
| DDD | DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane |
| DDD24 | o,p'-DDD |
| DDD44 | 4,4-DDD |
| DDE | DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene) |
| DDE24 | o,p'-DDE |
| DDE44 | p,p'-DDE |
| DDEPA | Phosphonic Acid, Dioctadecyl Ester |
| DDT | DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane) |
| DDT24 | o,p'-DDT |
| DDT44 | p,p-DDT |
| DDTS | DDT Total |
| DE12BZ | 1,2-Diethylbenzene |
| DE12M3CYHX | 1,2-Diethyl-3-Methyl-Cyclohexane |
| DE13BZ | 1,3-Diethyl Benzene |
| DEAA | Decyl Ester Acetic Acid |
| DEBZ14 | 1,4-Diethyl Benzene |
| DEC2M8 | 8-Methyl,2-Decene |
| DECN2 | 2-Decenal, (E)- |
| DECOH | n-Decyl Alcohol |
| DEMETON | Demeton |
| DEMETONO | Demeton-O |
| DEMETONS | Demeton-S |
| Density | Density |
| DEPH | Diethyl phthalate |
| DES | Diethylstilbestrol |
| DESO4 | Diethyl sulfate |
| DF1234678C13 | 1,2,3,4,6,7,8-Heptachlorodibenzofuran-C13 |
| DF1234789C13 | 1,2,3,4,7,8,9-Heptachlorodibenzofuran-C13 |

| | |
|---|---|
| DF123478C13 | 1,2,3,4,7,8-Hexachlorodibenzofuran-C13 |
| DF123678C13 | 1,2,3,6,7,8-Hexachlorodibenzofuran-C13 |
| DF123789C13 | 1,2,3,7,8,9-Hexachlorodibenzofuran-C13 |
| DF12378C13 | 1,2,3,7,8-Pentachlorodibenzofuran-C13 |
| DF234678C13 | 2,3,4,6,7,8-Hexachlorodibenzofuran-C13 |
| DF23478C13 | 2,3,4,7,8-Pentachlorodibenzofuran-C13 |
| DFBZ14 | 1,4-Difluorobenzene |
| DH23DM12IN1H | 2,3-Decahydro-1,2-Dimethyl 1H-Indene |
| DH23IN | 2,3-Dihydro-1H-Inden-1-One |
| DH23IN47 | 2,3-Dihydro-4,7-d 1H-Indene |
| DH23M4IN | 2,3-Dihydro-4-Methyl 1H Indene |
| DH25DMXF25 | 2,5-Dihydro-2,5-Dimethoxy Furan |
| DHDMIN1H | Dihydro-Dimethyl |
| DHE12BZDA | 1,2-Benzenedicarboxylic Acid, Diheptyl Ester |
| DHNAPH | Decahydro Napthalene |
| DHNAPHT | trans-Decahydro-Naphthalene |
| DHYD | o-Decyl Hydroxylamine |
| DHYD24M6MBZA | 2,4-Dihydroxy-6-Methyl Methyl Benzoic Acid |
| DHYM2NPH | Decahydro-2-Methyl Naphthalene |
| DI2PRU | N,N'-DI-2-Propenyl Urea |
| DIACOH | Diacetone Alcohol |
| DIALLATE | Diallate (cis or trans) |
| DIAMBZCA35 | 3,5-Diaminobenzoic Acid |
| DIAZ | Diazinon |
| DICAMBA | Dicamba |
| DICETYL | 1-Dotriacontanol |
| DICHLORAN | Dichloran |
| DICHLORVOS | Dichlorovos |
| DICOFOL | Dicofol |
| DIELDRIN | Dieldrin |
| Dieselcomp | Diesel Components |
| DIETBZ | Diethyl Benzene (Mixed Isomers) |
| DIFT | Diftalone (USAN) |

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|---|---|
| DIHY23MBF2 | 2,3-Dihydro-2-Methyl Benzofuran |
| DIISOBTKET | Diisobutyl Ketone |
| DIISOBTOL | Diisobutyl Carbinol |
| DIMETHAT | Dimethoate |
| DINOSEB | Dinoseb |
| DIOXANE14 | 1,4-Dioxane (P-Dioxane) |
| DIOXOLANE | Dioxolane |
| DIQUAT | Diquat |
| DISBZDA12 | 1,2-Benzenedicarboxylic Acid, Diisod |
| DISEBZDA12 | Diisonyl Ester 1,2-Benzenedicarboxylic Acid |
| DISUL | Disulfoton |
| DITPHQ25 | 2,5-di-tert-Pentylhydroquinone |
| DIURON | 3-(3,4-Dichlorophenyl)-1,1-Dimethylurea |
| DM11CYHX | 1,1-Dimethylcyclohexane |
| DM11PRBZ | 1,1-Dimethyl Propyl Benzene |
| DM12ME3CYC5N | 1,2-Dimethyl-3-(1-Methylethyl)-Cyclopentane |
| DM12NPH | 1,2-Dimethylnaphthalene |
| DM13NBZ2 | 1,3-Dimethyl-2-nitrobenzene |
| DM13NPH | 1,3-Dimethyl Naphthalene |
| DM14ODCYHX | 1,4-Dimethyl-2-Octadecyl-Cyclohexane |
| DM15NPH | 1,5-Dimethyl Naphthalene |
| DM17NPH | 1,7-Dimethyl Naphthalene |
| DM22C11N | 2,2-Dimethyl Undecane |
| DM22EHX3 | 2,2-Dimethyl-,(E)3-Hexene |
| DM22HX | 2,2-Dimethyl Hexane |
| DM22PN3 | 2,2-Dimethyl-3-Pentanone |
| DM22PRD13 | 2,2-Dimethyl-1,3-Propanediol |
| DM23BT | 2,3-Dimethyl Butane |
| DM23C5N | 2,3-Dimethyl Pentane |
| DM23C8N | 2,3-Dimethyl Octane |
| DM23C9N | 2,3-Dimethyl Nonane |
| DM23E1BZ | 2,3-Dimethyl-1-Ethylbenzene |
| DM23HX | 2,3-Dimethyl Hexane |

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| DM23PEN | 2,3-Dimethyl-1-Pentene |
| DM23PTN2 | 2,3-Dimethyl-2-Pentene |
| DM24C10N | 2,4-Dimethyl Decane |
| DM24C5N | 2,4-Dimethyl Pentane |
| DM24DXL3 | 2,4-Dimethyl-1,3-Dioxolane |
| DM24HP | 2,4-Dimethyl-3-Heptanone |
| DM24HPT | 2,4-Dimethyl-1-Heptanol |
| DM25C10N | 2,5-Dimethyl Decane |
| DM25C11N | 2,5-Dimethyl Undecane |
| DM25C12N | 2,5-Dimethyl-Dodecane |
| DM25C8N | 2,5-Dimethyl Octane |
| DM25C9N | 2,5-Dimethyl Nonane |
| DM25HX | 2,5-Dimethyl Hexane |
| DM25HX2 | 2,5-Dimethyl-2-Hexene |
| DM26C11N | 2,6-Dimethyl Undecane |
| DM26C12N | 2,6-Dimethyl Dodecane |
| DM26C8N | 2,6-Dimethyl Octane |
| DM26C9N | 2,6-Dimethyl Nonane |
| DM27NPH | 2,7-Dimethyl Naphthalene |
| DM27OCTOH | 2,7-Dimethyl-1-Octanol |
| DM29C10N | 2,9-Dimethyl Decane |
| DM34BZA | 3,4-Dimethyl Benzoic Acid |
| DM34DCN | 3,4-Dimethyl-1-Decene |
| DM34PTN2 | 3,4-Dimethyl-2-Pentene |
| DM35C8N | 3,5-Dimethyl Octane |
| DM35E1BZ | 3,5-Dimethyl-1-Ethylbenzene |
| DM36C10N | 3,6-Dimethyldecane |
| DM36C11N | 3,6-Dimethyl Undecane |
| DM36C8N | 3,6-Dimethyl Octane |
| DM37C10N | 3,7-Dimethyl Undecane |
| DM38C11N | 3,8-Dimethyl Undecane |
| DM44PN | 4,4-Dimethyl-1-Penten |
| DM45OCD26 | 4,5-Dimethyl-2,6-Octadiene |

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| DM46C11N | 4,6-Dimethyl Undecane |
| DM46C12N | 4,6-Dimethyldodecane |
| DM47C11N | 4,7-Dimethyl Undecane |
| DM48C13N | 4,8-Dimethyl Tridecane |
| DM55FUR25H | 5,5-Dimethyl-2-(5H)-Furanone |
| DM57C11N | 5,7-Dimethyl Undecane |
| DM66C11N | 6,6-Dimethyl Undecane |
| DM69C14N | 6,9-Dimethyl Tetradecane |
| DM8NAPH | 1,8-Dimethylnaphthalene |
| DMBZA712 | 7,12-Dimethylbenz(a)anthracene |
| DMBZD33 | 3,3-Dimethylbenzidine |
| DMC10N | Dimethyl decane |
| DMC11N | Dimethyl Undecane |
| DMC19N23 | 2,3-Dimethyl Nonadecane |
| DMC22N221 | 2,21-Dimethyl Docosane |
| DMC7N | Dimethylheptane Isomers |
| DMC7N24 | 2,4-Dimethylheptane |
| DMC7N25 | 2,5-Dimethyl Heptane |
| DMC7N26 | 2,6-Dimethyl Heptane |
| DMC8N | Dimethyl Octane |
| DMCPS | Decamethyl-Cyclopentasiloxane |
| DMCYHX | Dimethyl Cyclohexane |
| DME33C8N | 3,3-Dimethyloctane |
| DMEP | Dimethylethyl Phenol Isomer |
| DMEPRN | 1-(1,1-Dimethyl Etho Propane) |
| DMF25 | 2,5-Dimethylfuran |
| DMFMDNN | N,N-Dimethyl Formamide |
| DMHEA | Dimethyl Hexyladipate |
| DMHYPXD | 1,1-Dimethylethyl Hydroperoxide |
| DMISOPNAPH | Dimethylisopropylnaphthalene |
| DMN37 | 3,7-Dimethylnonane |
| DMNNPEA | N,N-Dimethyl -1-Phenethylamine |
| DMNPH | Dimethyl Naphthalene |

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| DMOBZD33 | 3,3-Dimethoxybenzidine |
| DMP24 | 2,4-Dimethylphenol |
| DMP26 | 2,6-Dimethyl Phenol |
| DMPDA | Dimethyl Propanedioic |
| DMPET | Dimethylphenylethylamine |
| DMPH | Dimethyl phthalate |
| DMPHTHM | Dimethyl Phenethyamine |
| DN46M | 2-Methyl-4,6-dinitrophenol |
| DNB13 | 1,3-Dinitrobenzene |
| DNBP | Di-n-butyl phthalate |
| DNBS | Dinitrobenzene, Total |
| DNBZ12 | 1,2-Dinitrobenzene |
| DNBZ14 | 1,4-Dinitrobenzene |
| DNOCP | Dinocap |
| DNOP | Di-n-octyl phthalate |
| DNP24 | 2,4-Dinitrophenol |
| DNT24 | 2,4-Dinitrotoluene |
| DNT26 | 2,6-Dinitrotoluene |
| DO | Oxygen, Dissolved |
| DOA | Dioctyl Adipate |
| DOC | Dissolved Organic Carbon |
| DODEPHA | Dioctadecyl Ester Phosphoric Acid |
| DOEHA | Dioctyl Ester Hexanedioic Acid |
| DOPHA | Dioctyl Phthalate Hexanedioic Acid |
| DPA | Diphenylamine |
| DPHE | Diphenyl Ether (Phenylether) |
| DPHY12 | 1,2-Diphenylhydrazine |
| DPHY24 | 2,4-Diphenylhydrazine |
| DPP | Dipropyl Phthalate |
| DRY | Percent Dry |
| DS | Sulfide, Dissolved |
| DXYA12 | Dxya12 |
| DYMID | Diphenamid |

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|---|---|
| E2DC | 2-Ethyl 1-Decanol |
| E2DM4BZ | 2-Ethyl-1,4-Dimethyl Benzene |
| E2DMBBZ | 2-Ethyl-1,3-Dimethyl Benzene |
| E2DMBZ3 | 2-Ethyl-1,3-Dimethyl Benzene |
| E2HM2PRD13 | 2-Ethyl-2-(Hydroxymethyl)-1,3-Propanediol |
| E2HXD13 | 2-Ethyl-1,3-Hexanediol |
| E2HXDPHA | 2-Ethyl Hexyl Diphen Phosphoric Acid |
| E2M4DXL3 | 2-Ethyl-4-Methyl-1,3-Dioxolane |
| E2MP4 | 2-Ethyl-4-Methylphenol |
| E2OX3MBTA | Butanoic Acid,2-Ethyl-3-oxo,Methyl |
| E3C13N | 3-Ethyl Tridecane |
| E3C7N | 3-Ethyl Heptane |
| E3C8N | 3-Ethyl Octane |
| E3DMPTN2 | 3-Ethyl-4-4-Dimethyl-2-Pentene |
| E3ME27C8N | 3-Ethyl-2,7-Dimethyl Octane |
| E3ME2C7N | 3-Ethyl-2-Methyl-Heptane |
| E3ME4C6N | 3-Ethyl-4-Methyl Hexane |
| E3ME5C7N | 3-Ethyl-5-Methyl Heptane |
| E4C7N3 | 4-Ethyl 3-Heptane |
| E4DM2BZ | 4-Ethyl-1,2-Dimethyl Benzene |
| E4ME2C6N | 4-Ethyl-2-Methyl Hexane |
| E5C11N | 5-Ethyl Undecane |
| E5ME2C7N | 5-Ethyl-2-Methyl Heptane |
| E5ME2C8N | 5-Ethyl-2-Methyl Octane |
| E6ME2C10N | 6-Ethyl-2-Methyl Decane |
| E6ME2C8N | 6-Ethyl-2-Methyl Octane |
| EBZ | Ethylbenzene |
| EBZD10 | Ethylbenzene-D10 |
| EBZME4 | 4-Ethyltoluene |
| EC5N3 | 3-Ethyl Pentane |
| ECARB | Ethyl Carbamate |
| ECH | Ethyl Cyclohexane |
| ECOSTNA | cis-8,11,14-Eicosatrienoic Acid |

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|---|---|
| EDB | 1,2-Dibromoethane (Ethylene Dibromide) |
| EDM23BZ | 1-Ethyl-2,3-Dimethylbenzene |
| EDMBZ | Ethyl Dimethyl Benzene |
| EDNCA1114 | 11,14-Eicosadienoic Acid |
| EE | Diethyl Ether (Ethyl Ether) |
| EHDMMOA | 4-Octenoic Acid, 6-Ethyl-3-Hydroxy-3,7-Dimethyl-,M |
| EHXN | 2-Ethylhexanoic Acid |
| EM3BZ | 1-Ethyl-3-Methyl Benzene |
| EM3CYP | 1-Ethyl-3-Methyl Cyclopentane |
| EM4CYHX | cis-1-Ethyl-4-Methyl-Cyclohexane |
| EMBZ | Ethyl Methyl Benzene |
| EMBZSN4 | N-Ethyl-4-Methyl-Benzenesulfonamide |
| EMC7N | Ethyl Methyl Heptane |
| EMCYP | Ethyl Methyl Cyclopentane |
| EMETHACRY | Ethyl methacrylate |
| EMP | Ethyl Methyl Phenol (Isomer) |
| EMPTNSED3 | Ethyl 1-Methyl-1-Pentene-3-Selenide |
| EMSULFN | Ethyl methanesulfonate |
| EN2M6PYZ | 2-Ethenyl-6-Methyl-Pyrazine |
| ENDO | Endosulfan |
| ENDOSULFANA | Alpha Endosulfan |
| ENDOSULFANB | Beta Endosulfan |
| ENDOSULFANS | Endosulfan sulfate |
| ENDOTHAL | Endothal |
| ENDRIN | Endrin |
| ENDRINALD | Endrin aldehyde |
| ENDRINKET | Endrin ketone |
| ENE3BZ | 1-Ethenyl-3-Ethyl Benzene |
| ENM2BZ | 1-Ethenyl-2-Methyl-Benzene |
| ENMBZ | Ethenyl Methyl Benzene Isomer |
| ENPH | 1-Ethyl Naphthalene |
| EPICLHDRN | Epichlorohydrin |
| EPN | EPN (ENT) |

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|---|---|
| EPRCYHX | (1-Ethylpropyl) Cyclohexane |
| EPTC | S-Ethyl di-N,N-Propylthiocarbamate |
| ERYTHRENE | 1,3-Butadiene |
| ET11CYHX | Cyclohexane,1,1-Ethylidenebis |
| ET12ACET2 | Diacetate-1,2-Ethanediol |
| ET2BTHYDE | 2-Ethylbutyraldehyde |
| ET2BTOH | 2-Ethyl-1-Butanol |
| ET2GLY | Diethylene Glycol |
| ET2HEA | 2-Ethylhexyl Adipate |
| ET2HEACET | 2-Ethylhexyl Acetate |
| ET2HEACR | 2-Ethylhexyl Acrylate |
| ET2HEHYDE | 2-Ethylhexyl Aldehyde |
| ET2HEOH | 2-Ethyl-1-Hexanol |
| ET2MAL | Diethyl Maleate |
| ET2SUC | Diethyl Succinate |
| ET3GLY | Triethylene Glycol |
| ETACACET | Ethyl Acetoacetate |
| ETACET | Ethyl Acetate |
| ETACR | Ethyl Acrylate |
| ETEGLY | Ethylene Glycol |
| ETEGLYMBTE | Ethylene Glycol Mono Butyl Ether |
| ETEGLYMEE | Ethylene Glycol Mono Ethyl Ether |
| ETH12D112T | 1,2-Dichloro-1,1,2-T Ethane |
| ETHANOL | Ethanol |
| ETHION | Ethion |
| ETHOPROP | Ethoprop |
| ETHOXETH | 2-[2-(2-Ethoxyethoxy)Ethoxy]-Ethanol |
| ETIKET | Ethylidene Acetone |
| ETM4CYC6NT | trans-1-Ethyl-4-Methyl-Cyclohexane |
| ETMBZ245 | 1-Ethyl-2,4,5-Trimethyl Benzene |
| ETMCYC6N | Cyclohexane, 1-Ethyl-2-Methyl |
| ETMCYC6NC | cis-1-Ethyl-2-Methyl-Cyclohexane |
| ETMCYC6NT | trans-1-Ethyl-2-Methyl-Cyclohexane |

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|---|---|
| ETMORP | N-Ethylmorpholine |
| ETN | Erythrityl Tetranitrate |
| ETOX | Ethylene Oxide |
| ETOX113BT | 1,1,3-Triethoxybutane |
| ETRID | Etridiazole |
| ETU | Ethylenethiourea |
| F | Fluoride |
| F10BPH | Decafluorobiphenyl |
| F2ANIL | o-Fluoroaniline |
| F3BZME | Trifluorotoluene |
| FAA | Fluoroacetic Acid |
| FALD | Formaldehyde |
| FAMPHUR | Famphur |
| FARNESOL | 3,7,11-Trimethyl-2,6,10-Dodecatrien-1-OL |
| FBZ | Fluorobenzene |
| FC10N | 1-Fluoro-Decane |
| FC11 | Trichlorofluoromethane |
| FC113 | 1,1,2-trichloro-1,2,2-trifluoroethane |
| FC12 | Dichlorodifluoromethane |
| FC21 | Dichlorofluoromethane |
| FE | Iron |
| FE_59 | Iron-59 |
| FECCOLIFORM | Fecal Coliform, 0.7 Micron Filter |
| FECSTREP | Fecal Streptococci, KF Agar |
| FENAM | Fenamiphos (Nemacur) |
| FENSTHION | Fensulfothion |
| FENTHION | Fenthion |
| FENURON | 3-Phenyl-1,1-Dimethylurea |
| FENURONTCA | 1,1-Dimethyl-3-Phenylurea Trichloroacetate |
| FL | Fluorene |
| FL4BPH | 4-Fluoro-1,1'-Biphenyl |
| FLA | Fluoranthene |
| FLASHPT | Flash Point |

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|---|---|
| FLIQUIDS | Free Liquids |
| FLMT2BZ | Fluoro-2-Methoxy Benzene |
| FLOWRATE | Flow Rate |
| FLUCHLOR | Fluchloralin |
| FLUOMETURON | 1,1-Dimethyl-3-(a,a,a-Trifluoro-m-Tolyl)Urea |
| FOIL | Fuel Oils |
| FRIEDELIN | D:A-Friedooleanan-3-One |
| FRIEDOOL | D-Friedoolean-14-EN-3-One |
| FTMS | Fluorotrimethyl Silane |
| FUEL | Fuels |
| FURAL | Furfuryl Alcohol |
| GAMMA | Gamma, Gross |
| GAMMA_GELI | Gamma Spectralanalysis,Ge(Li) |
| GAMMASITOS | Gamma-Sitosterol |
| GASC4C12 | Gasoline C4-C12 |
| GASCOMP | Gasoline Components |
| GASOLINE | Specific Indentification of Gasoline |
| GERML | Germanicol |
| GLYACET2 | Glycol Diacetate (Ethylene Glycol Diacetate) |
| GLYPHOS | Glyphosate |
| GUAN | Guanidine |
| H | Hydrogen |
| H_3 | Tritium (Hydrogen-3) |
| H10MENPH | Decahydromethyl Naphthalene |
| H2SO4 | Sulfuric Acid |
| H3PO4 | Phosphoric Acid |
| HAM2ETE | Hexanedioic Acid, Mono (2-Ethylhexyl)Ester |
| HARD | Hardness (As CaCO3) |
| HARDC | Hardness (As CO3), Carbonate |
| HARDNC | Hardness (As CaCO3), Noncarbonate |
| HBR | Hydrobromic Acid |
| HCBU | Hexachlorobutadiene |
| HCCP | Hexachlorocyclopentadiene |

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|---|---|
| HCL | Hydrochloric Acid |
| HCLBZ | Hexachlorobenzene |
| HCLEA | Hexachloroethane |
| HCO3 | Bicarbonate |
| HCPR | Hexachloropropene |
| HDCYN | 1-Hexadecyne |
| HE | Helium |
| HE7C20N | 7-Hexyl Eicosane |
| HECYHX | Hexyl Cyclohexane |
| HEE | n-Hexyl Ether |
| HEOH | 1-Hexanol |
| HEPT_EPOX | Heptachlor epoxide |
| HEPTACHLOR | Heptachlor |
| HEPTANE3ME | 3-Methylheptane |
| HEXANE3ME | 3-Methylhexane |
| HEXAZINONE | Hexazinone |
| HF | Hydrofluoric Acid |
| HG | Mercury |
| HMPA | Hexamethylphosphoramide |
| HMX | Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine |
| HNO3 | Nitric Acid |
| HNU | HNu Readings |
| HPC10C23 | HVY Petroleum Distil. C10-C23(ie:No. 2 Diesel etc.) |
| HPC10N | Heptadecane |
| HPC9C16 | No. 1 Fuel Oils C9-C16 (ie:No. 1 Diesel Fuel etc.) |
| HPCBPH | Total Heptachlorobiphenyls |
| HPCDD | Total Heptachlorodibenzo-p-dioxins (HpCDD) |
| HPCDD1234678 | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin |
| HPCDF | Total Heptachlorodibenzofurans (HpCDF) |
| HPCDF1234678 | 1,2,3,4,6,7,8-Heptachlorodibenzofuran |
| HPCDF1234789 | 1,2,3,4,7,8,9-Heptachlorodibenzofuran |
| HPDC | 1-Heptadecanol |
| HPDCA | 1-Heptadecanal |

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|---|---|
| HPDCN | 1-Heptadecanone |
| HPDCN2 | 2-Heptadecanone |
| HQUINONE | Hydroquinone |
| HS | Hydrogen Sulfide |
| HSD | Hydrogen Sulfide Detector |
| HTNA | Heptanoic Acid |
| HXA | Hexanoic Acid (DOT) |
| HXALD | Hexanal |
| HXC30N | Hexatriacontane |
| HXCBPH | Total Hexachlorobiphenyls |
| HXCBPH224456 | 2,2,4,4,5,6-Hexachlorobiphenyl |
| HXCDD | Total Hexachlorodibenzo-p-dioxins (HxCDD) |
| HXCDD123478 | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin |
| HXCDD123678 | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin |
| HXCDD123789 | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin |
| HXCDF | Total Hexachlorodibenzofurans (HxCDF) |
| HXCDF123478 | 1,2,3,4,7,8-Hexachlorodibenzofuran |
| HXCDF123678 | 1,2,3,6,7,8-Hexachlorodibenzofuran |
| HXCDF123789 | 1,2,3,7,8,9-Hexachlorodibenzofuran |
| HXCDF234678 | 2,3,4,6,7,8-Hexachlorodibenzofuran |
| HXCP | Hexachlorophene |
| HXD352OL | 3,5-Hexadien-2-OL |
| HXDA9 | 9-Hexadecenoic Acid |
| HXDA9C | cis-9-Hexadecenoic Acid |
| HXDC | Hexadecanol |
| HXDCA | 1-Hexadecanal |
| HXDCN3 | 3-Hexadecene (Z) |
| HXDCNA9 | 9-Hexadecanoic Acid |
| HXM3CYP | 1-Hexyl-3-Methyl-Cyclopentane |
| HXMCYTS | Hexamethylcyclotrisiloxane |
| HXN13YN5 | 1,3-Hexadien-5-YNE |
| HXN2OL | 2-Hexen-1-OL |
| HXO2 | 2-Hexanone |

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|---|---|
| HXTCY | Cyclohexane, (1-Hexyltetrade) |
| HY9NON2 | 9-Hydroxy-2-Nonanone |
| HYCBF3 | 3-Hydroxycarbofuran |
| HYDANTOIN | 2,4-Imidazolidinedione |
| HYDBZA | 4-Hydroxybenzoic Acid |
| HYDBZAM | 3-Hydroxybenzoic Acid |
| HYDDICAM | 5-Hydroxydicamba |
| HYDRAZINE | Hydrazine |
| HYP4ETC | 4-Hydroxyphenyl Ester Thiocycanic Acid |
| I | Iodide (As I) |
| I_129 | Iodine-129 |
| I_131 | Iodine-131 |
| I2MEBZ | 1-Isocyanato-2-Methyl Benzene |
| ICYHX | Iodo Cyclohexane |
| IGNITB | Ignitability |
| IME | Iodomethane (Methyl Iodide) |
| IN | Indium |
| INDAN | 2,3-Dihydro-1H-Indene |
| INDENE | Indene |
| INP123 | Indeno(1,2,3-cd)pyrene |
| IOC14N | Tetradecane, 1-IODO |
| IP2DMCYP13 | 2-Isopropyl-1,3-Dimethyl-Cyclopentane |
| IPBZ | Isopropylbenzene |
| IPR4C7N | 4-Isopropyl Heptane |
| IR | Iridium |
| IS2M6C7N | 2-Isohexyl-6-Methyl-1-Heptane |
| ISBZDA12 | 1,2-Benzenedicarboxylic Acid, Isodee |
| ISC10H12 | C10H12 isomer |
| ISC11H120 | C11H120 isomer |
| ISC8H803 | C8H803 isomer |
| ISME | Methane, Isocyano |
| ISOBTACET | Isobutyl Acetate |
| ISOBTOH | Isobutanol |

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|---|---|
| ISODRIN | Isodrin |
| ISOOCTOH | Isooctanol (Isomers) |
| ISOP | Isophorone |
| ISOPRACET | Isopropyl Acetate |
| ISOPRE | Isopropyl Ether |
| ISOPRLPYR | Isopropenyl-Pyrazine |
| ISOPROH | Isopropanol |
| ISOPRYACET | Isopropenyl Acetate |
| ISOSAFR | Isosafrole |
| JP4 | Jet Fuel #4 |
| JP5 | Jet Fuel #5 |
| JP8 | Jet Fuel #8 |
| K | Potassium |
| KEP | Kepone |
| KEROSENE | Kerosene |
| KET | Ketone |
| KN | Nitrogen , Kjeldahl, Total |
| KTMSIL | Potassium, Trimethylsilanolate |
| LA | Lanthanum |
| LA_140 | Lanthanum-140 |
| LAI | Langselier Index (At 25 C) |
| LEL | Lower Explosive Limit |
| LEPTO | Leptophos |
| LI | Lithium |
| LINURON | 3-(3,4-Dichlorophenyl)-1-Methoxy-1-Methylurea |
| LIPIDS | Total Extractable Lipids |
| LIQLIM | Liquid Limit |
| LPC4C8 | Light Petroleum Distillate C4-C8 |
| LUBOIL | Lubricating Oil |
| M10C20N | 10-Methyl-Eicosane |
| M22466C7N | 2,2,4,6,6-Pentamethyl Heptane |
| M22PBZ | 1-Methyl-2(2-Propenyl)-Benzene |
| M24MPR2CYP | 2-Methyl-4-(2-Methylpropyl)-Cyclopentanone |

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|---|---|
| M2BTA | 2-Methyl Butanoic Acid |
| M2C11N | 2-Methyl Undecane |
| M2C12N | 2-Methyl-Dodecane |
| M2C13N | 2-Methyl Tridecane |
| M2C20N | 2-Methyl-Eicosane |
| M2C6N | 2-Methyl Hexane |
| M2CYP4 | Cyclopentanone, 2-Methyl-4- |
| M2HXA | 2-Methyl Hexanoic Acid |
| M2HXDC | 2-Methyl-A-Hexadecanol |
| M2ME2P | 1-Methoxy-2-Methyl-2-Propanol |
| M2P8C12N | 2-Methyl-8-Propyldodecane |
| M2PA | Propanoic Acid, 2-Methyl-,1-(1-di) |
| M2PC10N | 2-Methyl Pentadecane |
| M2PN3 | 2-Methyl-3-Penten 1-OL |
| M2PTN | 2-Methyl-Pentane |
| M2PTN2 | 2-Methyl-2-Pentene |
| M2UD | 2-Methyl-1-Undecane |
| M32MPRCYC5N | 1-Methyl-3-(2-Methyl Propyl)-Cyclopentane |
| M3C10N | 3-Methyl Decane |
| M3C11N | 3-Methyl Undecane |
| M3C12N | 3-Methyl Dodecane |
| M3C13N | 3-Methyl-Tridecane |
| M3OC10N | 3-Methyl Octadecane |
| M3PTN | 3-Methyl-1-Pentene |
| M4C16N | 4-Methyl Hexadecane |
| M4HPN2 | 4-Methyl-2-Heptanone |
| M4PTN4 | 4-Methyl-4-Penten-2-One |
| M4PYRZ | 4-Methyl-IH-Pyrazole |
| M5METN2CYH | 5-Methyl-2-(1-Methylethylidene)-Cyclohexanone |
| M6C12N | 6-Methyl Dodecane |
| M7C13N | 7-Methyl Tridecane |
| M8DCN | 8-Methyl-1-Decene |
| MACRYLATE | Methyl acrylate |

| | |
|---|---|
| MALA | Malathion |
| MALANH | Maleic Anhydride |
| MALNTRL | Malononitrile |
| MB2CAN44 | 4,4-Methylenebis(2-chloraniline) |
| MB3CYC5N | (3-Methylbutyl)-Cyclopentane |
| MBAS | Methylene Blue Active Substances |
| MBSC2 | 2-Methylbenzenesulfonylchloride |
| MBSC4 | 4-Methylbenzenesulfonylchloride |
| MBSN2 | 2-Methylbenzenesulfonamide |
| MBSN4 | 4-Methylbenzenesulfonamide |
| MBT213 | 2-Methyl-1,3-Butadiene (Isoprene) |
| MBUTMN | N-(1-Methylbutylidene) Methanamine |
| MBZ4CL | 4-Methylbenzoyl Chloride |
| MBZNT2 | 2-Methyl-Benzonitrile |
| MC12N | Methyl Dodecane |
| MC7N4 | 4-Methylheptane |
| MCPA | MCPA |
| MCPP | MCPP |
| MDMCYHXC | cis-1,3-Dimethyl Cyclohexane |
| MDMCYHXT | trans-1,3-Dimethyl Cyclohexane |
| MDMCYOC | cis-1,3-Dimethyl Cyclooctane |
| ME2BT | 2-Methyl Butane |
| ME2C10N | 2-Methyl Decane |
| ME2C8N | 2-Methyloctane |
| ME2C9N | 2-Methyl Nonane |
| ME2ET5PYR | 2-Methyl-5-Ethyl Pyridine |
| ME2HN | 2-Methyl-1-Heptene |
| ME2HPT | Dimethyl-1-Heptanol |
| ME2OCPA | 2-Methyl P Octadecanoic Acid |
| ME2PA | 2-Methyl Propanoic Acid |
| ME2PA2 | 2-Methyl-,2 Propanoic Acid |
| ME2PCHX | 1-Methyl-2-Prop Cyclohexane |
| ME2PEHYDE | 2-Methylpentaldehyde |

| | |
|---|---|
| ME3C9N | 3-Methyl-Nonane |
| ME4C10N | 4-Methyl Decane |
| ME4C11N | 4 Methyl Undecane |
| ME4C7N | 4-(1-Methylethyl)-Heptane |
| ME4PE2OH | Methyl Amyl Alcohol |
| ME5C11N | 5-Methylundecane |
| ME6C11N | 6-Methyl-Undecane |
| MEACACET | Methyl Acetoacetate |
| MEACET | Methyl Acetate |
| MEBCYHX2 | 2-(1-Methyl 1,1-Bicyclohexyl) |
| MEBTA | Methyl Ester Butanoic Acid |
| MEBZOH | Methylbenzyl Alcohol |
| MEC8N | Methyl Octane |
| MEC9N | Methyl Nonane |
| MECHLAN3 | 3-Methylcholanthrene |
| MEDS | Methyl Disulfide |
| MEETCYHX | Methylethyl Cyclohexane |
| MEHXDCNA9 | (Z) Methyl Ester 9-Hexadecanoidc Acid |
| MEHYPXD | 1-Methyl Ethyl Hydroperoxide |
| MEISOPEKET | Methyl Isoamyl Ketone |
| MEK | Methyl Ethyl Ketone (2-Butanone) |
| MEMORP | N-Methylmorpholine |
| MEOCDNA9 | 9-Octadecanoic Acid (Z), Methyl Ester |
| MEOH | Methanol |
| MEOXR23 | 2,3-bis[1-Methyl Ethyl Oxirane |
| MEPH1314 | Cresols, m & p |
| MEPH2 | 2-Methylphenol (o-cresol) |
| MEPH24 | o,p-Cresol |
| MEPH3 | 3-Methylphenol |
| MEPH4 | 4-Methylphenol (p-cresol) |
| MEPHAN | Methylphenanthrene |
| MEPHS | Cresols, Total |
| MEPR5C9N | 5-(1-Methylpropyl) Nonane |

| | |
|---|---|
| MEPRKET | Methyl n-Propyl Ketone |
| MERPHOS | Merphos |
| MESOX | Mesityl Oxide |
| METABOLITES | DCPA Acid Metabolites (a) |
| METD | 4-Methyltridecane |
| METEAA | 1-Methylethyl Ester Acetic Acid |
| METHACRN | Methacrylonitrile |
| METHAD | Methadathion |
| METHAM | Methamidophos |
| METHIDATHION | O, O-Dimethyl Phosphorodithioate |
| METHIOCARB | 3,5-Dimethyl-4-(Methylthio) Phenyl Methylcarbamate |
| METHOMYL | S-Methyl-N-((Methylcarbamoyl)-oxy)-Thioacetimidate |
| METOCHLOR | Metolachlor |
| METRIBUZ | Metribuzin |
| MEVACET | Methyl Vinyl Acetate |
| MEVINPHOS | Mevinphos |
| MEXACARBATE | Mexacarbate |
| MG | Magnesium |
| MIBK | Methyl Isobutyl Ketone (4-Methyl-2-pentanone) |
| MIREX | Mirex |
| MISOBCL | Methyl Isobutyl Chloride |
| MMETHACRY | Methylmethacrylate |
| MMH | Methyl Hydrazine |
| MMSULFN | Methyl methanesulfonate |
| MN | Manganese |
| MN_54 | Manganese-54 |
| MN_56 | Manganese-56 |
| MO | Molybdenum |
| MO_99 | Molybdenum-99 |
| MODDG | N-Methyl-N-(1-Oxododecyl)-Glycine |
| MOIL | Motor Oils |
| MOIST | Percent Moisture |
| MONOCROPHOS | Monocrotophos |

| | |
|---|---|
| MONURON | 3-(p-Chlorophenyl)-1,1-Dimethylurea |
| MONURONTCA | 3-(p-Chlorophenyl)-1-1-Dimethylurea Trichloroaceta |
| MP2BZ | 1-Methyl-2(Propenyl)Benzene |
| MPBZ | Methyl Propenyl Benzene Isomer |
| MPC8C12 | Med. Petroleum Distillate C8-C12 (ie:NAPHTHA etc) |
| MPCYHX | (1-Methylpropyl)-Cyclohexane |
| MPEA11 | alpha,alpha-Dimethylphenethylamine |
| MPR2 | 2-Methyl Propane |
| MPR3CYHX | 1-Methyl-3-Propyl-Cyclohexane |
| MPTNA | Methylpentanoic Acid |
| MSNL | Mestranol |
| MT2BZTZ | 2-(Methylthio) Benzothiazole |
| MTD | 2,4-Diaminotoluene |
| MTLNCL | Methylene chloride |
| MTNPH | Methylnaphthalenes (Sum of Isomers) |
| MTNPH1 | 1-Methylnaphthalene |
| MTNPH2 | 2-Methylnaphthalene |
| MTNPH4 | 4-Methylnaphthalene |
| MTPYRLN | Methapyrilene |
| MTX4PN3ON2 | 3-Penten-2-one, 4-Methoxy- |
| MTX5PN2 | 5-Methoxy-2-Pentanone |
| MTXYCL | Methoxychlor |
| MTXYPH | 2-Methoxyphenol |
| N | Nitrogen |
| N2ANSD5 | 5-Nitro-o-Anisidine |
| N2O | Nitrous Oxide |
| N3BZDA | 1,2-Benzenedicarboxylic Acid, 3 NITR |
| NA | Sodium |
| NA_22 | Sodium-22 |
| NA_24 | Sodium-24 |
| NAA | Naphthalene Acetic Acid |
| NACN5 | 5-Nitroacenaphthene |
| NALED | Naled |

| | |
|---|---|
| NAPH | Naphthalene |
| NAPHD8 | Naphthalene-d8 |
| NAPHF | 1-Fluoronaphthalene |
| NAPHQ12 | 1,2-Naphthoquinone |
| NAPHQ14 | 1,4-Naphthoquinone |
| NAPROP | Napropamide |
| NASBFIB | Non-Asbestos Fiber |
| NASBNFC | Non-asbestos Non-fibrous Constituents |
| NASO4 | Sodium Sulfate |
| NATMSIL | Sodium Trimethylsilanolate |
| NB | Niobium |
| NB_94 | Niobium-94 |
| NB_95 | Niobium-95 |
| NBZME2 | 2-Nitrotoluene |
| NBZME3 | 3-Nitrotoluene |
| NBZME4 | 4-Nitrotoluene |
| NCBPH | Total Nonachlorobiphenyls |
| NCC | cis-Nonachlor |
| NCH4H | Total Non-Methane Hydrocarbons |
| NCH4HX | Total Non-Methane Hydrocarbons as Hexane |
| NCH4HYM | Total Non-Methane Hydrocarbons as Methane |
| NCT | trans-Nonachlor |
| NDCN | 1-Nonadecene |
| NDE67THTM | Naphthaline,6,7-Diethyl-1,2,3,4-Tetrahydro-1,1,4! |
| NDELA | N-Nitrosodiethanolamine |
| NDL | Nonadecanol |
| NDOC | Nondissolved Organic Carbon |
| NEBURON | 1-n-Butyl-3-(3,4-Dichlorophenyl)-Methylurea |
| NEOGAM | A'-Neogammacer-22(29)-en-3-one |
| NH3N | Nitrogen, Ammonia (as N) |
| NH4 | Exchangeable Ammonia |
| NI | Nickel |
| NICOTINE | Nicotine |

| | |
|---|---|
| NITROFEN | Nitrofen |
| NMOC | Non-Methane Organic Carbons |
| NND3MBZ | N,N-Diethyl-3-Methyl Benzamide |
| NNDMELA | N,N-Dimethylethanolamine |
| NNEU | N-Nitroso-N-Ethylurea |
| NNMU | N-Nitroso-N-Methylurea |
| NNSBU | N-Nitroso-di-n-butylamine |
| NNSE | N-Nitrosodiethylamine |
| NNSM | N-Nitrosodimethylamine |
| NNSME | Nitrosomethylethylamine |
| NNSMRPH | N-Nitrosomorpholine |
| NNSPH | N-Nitrosodiphenylamine |
| NNSPPRD | N-Nitrosopiperidine |
| NNSPR | N-Nitrosodi-n-propylamine |
| NNSPYRL | N-Nitrosopyrrolidine |
| NO2ANIL2 | 2-Nitroaniline |
| NO2ANIL3 | 3-Nitroaniline |
| NO2ANIL4 | 4-Nitroaniline |
| NO2BZ | Nitrobenzene |
| NO2BZD5 | Nitrobenzene-d5 (surr.) |
| NO2BZD6 | Nitrobenzene-D6 |
| NO2CELL | Nitrocellulose |
| NO2GUAN | Nitroguanidine |
| NO2N | Nitrogen, Nitrite |
| NO3N | Nitrogen, Nitrate (as N) |
| NO3NO2N | Nitrogen, Nitrate-Nitrite |
| NON4P | 4-Nonyl Phenol |
| NPHC2 | C2 Naphthalene |
| NPHC3 | C3-Naphthalene |
| NPHC4 | C4-Naphthalene |
| NPHC5 | C5-Naphthalne |
| NPHPROPA | Alph 1-Naphthalenepropanol |
| NPOC | Nonpurgeable Organic Carbon |

| | |
|---|---|
| NPR2 | 2-Nitropropane |
| NPTU | N-Phenylthiourea |
| NTG | Nitroglycerin |
| NTPH2 | 2-Nitrophenol |
| NTPH4 | 4-Nitrophenol |
| O9C20N | 9-Octyl-Eicosane |
| OA9BA23PE | 9-Octadecenoic Acid (Z)-,2,3-BIS(Acetyloxy)Propyl |
| OCBPH | Total Octachlorobiphenyls |
| OCD5 | 5-Octadecene (E) |
| OCDC | 1-Octadecanol |
| OCDC6 | 6-Octadecanol |
| OCDCYN3 | 3-Octadecyne |
| OCDD | Octachlorodibenzo-p-dioxin |
| OCDDC13 | Octachlorodibenzo-p-dioxin-C13 |
| OCDDT | Octachlorodibenzo-p-Dioxins (Total) |
| OCDF | Octachlorodibenzofuran |
| OCDFC13 | Octachlorodibenzofuran-C13 |
| OCDFT | Octachlorodibenzofurans (Total) |
| OCDNA | Octadecanoic Acid |
| OCHY2244IN | Octahydro-2,2,4,4-1H-Indene |
| OCHYPT | Octahydro-1-(2-OC)Pentalene |
| OCLD | Oxychlordane |
| OCT15M7 | 1,5-Octadiene,7-Methyl-3-(1 |
| OCTDC | Octadecanal |
| OCTDC9 | 9-Octadecanal |
| OCTDEC5 | 5-Octadecenal |
| OCTDEC6 | 6-Octadecenal |
| OCTENE1 | Octene-1 |
| OCTOH | n-Octanol |
| OCYHX | Octyl Cyclohexane |
| ODA | 4,4-Oxydianiline |
| ODOR | Odor |
| OFBZME | Octafluorotoluene |

| | |
|---|---|
| OH5HID | Octahyde-5H-Iden-5-One |
| OH7AMIN | trans-Octahydro-7A-Methyl-1H-Indene-1-One |
| OILGREASE | Oil & Grease, Total Rec |
| OMCYTSX | Octamethylcyclotetrasiloxane |
| OMPA | Octamethyl pyprophosphoramide |
| OMPHY | O-(2-Methylpropyl) Hydroxylamine |
| ORYZALIN | Oryzalin |
| OS | Osmium |
| OTNA | Octanoic Acid |
| OVA | Organic Vapor |
| OX22CLP | 2,2'-Oxybis(1-Chloro)Propane |
| OX33MC7N | Heptane,3,3'-[Oxybis (Methyl |
| OX4OXAT14 | 4-Oxide1,4-Oxathiane |
| OXAMYL | Methyl N',N'-Dimethyl-N-{(Methylcarbamoyl)Oxy}-1- |
| OXATH14 | 1,4-Oxathiane |
| OXIRYLC2 | 1-(3-Ethyloxiranyl)Ethanone |
| OXTDCN2ON | Oxacyclotetradecan-2-One |
| OXYGEN | Oxygen |
| P | Phosphorus, Total (as P) |
| PACN | Propane Nitrile (Propionitrile) |
| PAHC20 | C20 PAH |
| PALMA | Hexadecanoic acid |
| PARAE | Parathion ethyl |
| PARALD | Parathion, Ethyl |
| PARAM | Parathion methyl |
| PARAQUAT | Paraquat |
| PB | Lead |
| PB_210 | Lead-210 |
| PB_212 | Lead-212 |
| PB_214 | Lead-214 |
| PBO | Organic Lead |
| PBTE | Lead, Tetraethyl |
| PBZN | n-Propylbenzene |

| | |
|---|---|
| PBZQUINONE | p-Benzoquinone |
| PC10N | Pentadecane |
| PCA | 1,1,2,2-Tetrachloroethane |
| PCAOCHY | 1-Phenanthrenecarboxylic Acid |
| PCB | PCB, total |
| PCB1016 | PCB-1016 (Arochlor 1016) |
| PCB1020 | PCB-1020 (Aroclor 1020) |
| PCB103 | PCB 103 |
| PCB1221 | PCB-1221 (Arochlor 1221) |
| PCB1224 | PCB-1224 (Arochlor 1224) |
| PCB1232 | PCB-1232 (Arochlor 1232) |
| PCB1242 | PCB-1242 (Arochlor 1242) |
| PCB1248 | PCB-1248 (Arochlor 1248) |
| PCB1254 | PCB-1254 (Arochlor 1254) |
| PCB1260 | PCB-1260 (Arochlor 1260) |
| PCB1262 | PCB-1262 (Arochlor 1262) |
| PCB1268 | PCB-1268 (Arochlor 1268) |
| PCB198 | PCB 198 |
| PCBPH | Pentachloro 1,1'-Biphenyl |
| PCDD | Total Polychlorinated Dibenzo-p-Dioxins |
| PCDF | Polychlorinated Dibenzofurans (Total) |
| PCE | Tetrachloroethylene (PCE) |
| PCLEA | Pentachloroethane |
| PCMC | 4-Chlororesorcinol |
| PCP | Pentachlorophenol |
| PCT5060 | PCT 5060 (Aroclor 5060) |
| PCT5432 | PCT 5432 (Arochlor 5432) |
| PCT5442 | PCT 5442 (Arochlor 5442) |
| PCT5460 | PCT 5460 (Aroclor 5460) |
| PCT6050 | Arochlor 6050 |
| PCYHX | Pentylcyclohexane |
| PCYPR | Propylcyclopropane |
| PD | Phosphorus, Dissolved (As P) |

| | |
|---|---|
| PDCN2 | 2-Pentadecanone |
| PDHYDRO | Phosphorus, Dissolved Hydrolyzable (As P) |
| PDMAABZ | p-Dimethylaminoazobenzene |
| PDMABZ | p-Dimethylaminobenzene |
| PDMCYO | 1,4-Dimethyl Cyclo-Octane |
| PDMCYOC | cis-1,4-Dimethyl Cyclooctane |
| PDMCYOT | trans-1,4-Dimethyl Cyclooctane |
| PDN2 | 2-Piperidinone |
| PDNL | 1-Pentadecanol |
| PDORG | Phosphorus, Dissolved Organic (As P) |
| PDORTHO | Phosphorus, Dissolved Orthophosphate (As P) |
| PE23 | 2,3-Pentanedione |
| PE2HYD | (2-Phenylethyl) Hydrazine |
| PEACET | Amyl Acetate (Mixed Isomers) |
| PECBPH | Total Pentachlorobiphenyls |
| PECDD | Total Pentachlorodibenzo-p-dioxin (PeCDD) |
| PECDD12347 | 1,2,3,4,7-Pentachlorodibenzo-p-dioxin |
| PECDD12378 | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin |
| PECDF | Total Pentachlorodibenzofurans (PeCDF) |
| PECDF12378 | 1,2,3,7,8-Pentachlorodibenzofuran |
| PECDF23478 | 2,3,4,7,8-Pentachlorodibenzofuran |
| PECLBZ | Pentachlorobenzene |
| PECLNO2BZ | Pentachloronitrobenzene |
| PENTANE3ME | 3-Methylpentane |
| PEOH | Amyl Alcohol |
| PEOH2 | 2-Pentanol |
| PERMETHRIN | Permethrin |
| PERMETHRINC | cis-Permethrin |
| PERTHANE | Perthane |
| PERY | Perylene |
| PERYD12 | Perylene-d12 |
| PETN | Pentaerythritol Tetranitrate |
| PFP | Pentafluorophenol |

| | |
|---|---|
| PH | pH |
| PH246BR | 2,4,6-Tribromophenol (surr.) |
| PH2F | 2-Fluorophenol (surr.) |
| PHAE | Phthalic Acid Esters (Total) |
| PHAN | Phenanthrene |
| PHAND10 | Phenanthrene-d10 |
| PHANHY | Phthalic anhydride |
| PHAZT2 | 2-Phenyl-Azetidine |
| PHC | Petroleum Hydrocarbons |
| PHCD | PHC as Diesel Fuel |
| PHCFO | PHC as Fuel Oils |
| PHCG | PHC as Gasoline |
| PHCHFO | PHC as Heavy/Residual Fuel Oils #4,#5,#6 |
| PHCHPD1 | PHC as #1 Fuel Oils C9-C16 #1 Diesel #1Fuel Oil |
| PHCHPD2 | PHC as #2 Fuel Oils C10-C23 #2 Diesel #2Fuel Oil |
| PHCJ | PHC as Jet Fuels |
| PHCJP4 | PHC as Jet Fuel #4 |
| PHCK | PHC as Kerosene |
| PHCLUB | PHC as Lube Oil |
| PHCMH | PHC as Unknown /Waste Product, Heavy Range C9-C23 |
| PHCML | PHC as Unknown /Waste Product, Light Range C4-C12 |
| PHCMM | PHC as Unknown/Waste Product, Medium Range C8-C112 |
| PHCMPD | PHCas Med. Petroleum Dist. C8-C12 Naphtha/Minsprt |
| PHCWASTE | PHC as Waste Oils C25+ |
| PHD5 | Phenol-d5 (surr.) |
| PHEN2BR246 | 2,4,6-Tribromobiphenyl |
| PHEN2F | 2-Fluorobiphenyl (surr.) |
| PHEND14 | Terphenyl-d14 (surr.) |
| PHENM | m-Terphenyl |
| PHENO | o-Terphenyl |
| PHENOBAL | Phenobarbital |
| PHENOL | Phenol |
| PHENOLD6 | Phenol-d6 (surr.) |

| | |
|---|---|
| PHENP | p-Terphenyl |
| PHENYTOIN | 5,5-Diphenylhydantoin |
| PHNACTN | Phenacetin |
| PHORATE | Phorate |
| PHOSAL | Phosalone |
| PHOSMET | Phosmet |
| PHOSPHAM | Phosphamidon |
| PHTA | 1,2-Benzenedicarboxylic Acid |
| PHTAB | 1,2-Benzenedicarboxylic Acid, Butyl |
| PHTAD | 1,2-Benzenedicarboxylic Acid, Diison |
| PHYDRO | Phosphorus, Total Hydrolyzable (As P) |
| PHYTANE | 2,6,10,14-Tetramethylhexadecane |
| PICLORAM | Picloram |
| PICOLINE2 | 2-Picoline (Alpha-Picoline) |
| PICOLINE3 | 3-Picoline |
| PICOLINE4 | 4-Picoline |
| PL | Palladium |
| PLASIND | Plasticity Index |
| PLASLIM | Plastic Limit |
| PMDIS | Pentamethyldisilane |
| PN4 | 4-Penten-2-OL |
| PO4 | Phosphorus, Total Orthophosphate (As PO4) |
| POC | Purgeable Organic Carbons |
| PORG | Phosphorus, Total Organic (As P) |
| PORTHO | Phosphorus, Total Orthophosphate (As P) |
| PR2BRCL | 2-Bromo-1-Chloropropane |
| PR2BZ | 2-Propenyl Benzene |
| PR2CYHX | 2-Propenyl-Cyclohexane |
| PR2HPT | 2-Propyl-1-Heptanol |
| PR4C10N | 4-Propyl Decane |
| PR4C7N | 4-Propyl Heptane |
| PR5C10N | 5-Propyl Decane |
| PR5C13N | 5-Propyl Tridecane |

| | |
|---|---|
| PR6C13N | 6-Propyl Tridecane |
| PRACET | Propyl Acetate |
| PRC13N | Propyl Tridecane |
| PRCYC6N | 1-Propenyl Cyclohexane |
| PRCYHX | Propylcyclohexane Isomer |
| PREG | Pregnane |
| PRIMICID | Pirimiphos-Ethyl |
| PRISTANE | 2,6,10,14-Tetramethyl Pentadecane |
| PRL | n-Propylamine |
| PROH | n-Propanol |
| PROMET | Prometryn |
| PROMETON | Prometon |
| PRONAMD | Pronamide |
| PROPACHLOR | Propachlor |
| PROPARG | Propargite |
| PROPAZ | Propazine |
| PROPENE | Propylene |
| PROPGLY | Propylene Glycol |
| PROPHAM | Isopropyl Carbanilate |
| PROPOX | Propylene Oxide |
| PROPOXUR | 2-(1-Methylethoxy) Phenol Methylcarbamate |
| PROPYCIL | Propylthiouracil |
| PRPA | Propionic Acid |
| PRPNALD | Propionaldehyde |
| PRX2ETH | 2-Propoxy-Ethanol |
| PT | Platinum |
| PTHZ | Phthalazinone |
| PULEGONE | Pulegone |
| PYR | Pyrene |
| PYRDN | Pyridine |
| PYRENED10 | Pyrene-d10 |
| PYRL | Pyrrolidine |
| QUINO | Quinoline |

| | |
|---|---|
| RA | Radium |
| RA_223 | Radium-223 |
| RA_224 | Radium-224 |
| RA_226 | Radium-226 |
| RA_228 | Radium-228 |
| RAD | Radiation |
| RB | Rubidium |
| RDX | Hexahydro-1,3,5-Trinitro-1,3,5,7-Tetrazocine |
| RE | Rhenium |
| REACTIVITY | Reactivity |
| RESTOT | Residue, Total |
| RH | Rhodium |
| RN | Radon |
| RONNEL | Ronnel |
| RU | Ruthenium |
| RU/RH_106 | Ruthenium/Rhodium-106 |
| RU_103 | Ruthenium-103 |
| RU_106 | Ruthenium-106 |
| S | Sulfide |
| S03 | Sulfite |
| S8 | Sulfur, MOL (S8) |
| SAE1020 | SAE Type 1020 Steel Corrosivity |
| SAFROLE | Safrole |
| SAR | Sodium Absorption Ratio |
| SB | Antimony |
| SB_124 | Antimony-124 |
| SB_125 | Antimony-125 |
| SC | Specific Conductance |
| SDMH | 1,2-Dimethylhydrazine |
| SE | Selenium |
| SELFPOT | Self (Spontaneous) Potential |
| SEVIN | Sevin (Carbaryl) |
| SG | Specific Gravity |

| | |
|---|---|
| SI | Silicon |
| SIDURON | 1-(2-Methylcyclohexyl)-3-Phenylurea |
| SIEVE10 | Sieve No. 10, Percent Passing |
| SIEVE200 | Sieve No. 200, Percent Passing |
| SIEVE4 | Sieve No. 4, Percent Passing |
| SIEVE40 | Sieve No. 40, Percent Passing |
| SIEVE80 | Sieve No. 80, Percent Passing |
| SIL | Silica |
| SILCICHA | Silicic Acid, Tetrakis (2-Ethylbutyl) Ester |
| SILVEX | 2,4,5-TP (Silvex) |
| SIMAZINE | Simazine |
| SN | Tin |
| SO3 | Sulfite (As SO3) |
| SO4 | Sulfate |
| SOLID | Solids, Percent |
| SOLIDVOA | Solids, Percent Volatile Components |
| SR | Strontium |
| SR_90 | Strontium-90 |
| SS | Suspended Solids (Residue, Non-Filterable) |
| STIGM | Stigmastane |
| STIROFOS | Tetrachlorvinphos (Stirophos) |
| STROBANE | Strobane |
| STRYCHNINE | Strychnine |
| STY | Styrene |
| STYOX | Styrene Oxide |
| SU | Sulfur |
| SUB2MEPA3 | Substituted Propanoic acid |
| SUB2MOTENE | Substituted Dimethyl Octene |
| SUBACEAC | Substituted Acetic Acid |
| SUBALKANE | Substituted Alkane |
| SUBALKENE | Substituted Alkene |
| SUBBZ | Substituted Benzene |
| SUBBZACID | Substituted Benzoic Acid |

| | |
|---|---|
| SUBBZALD | Substituted Benzaldehyde |
| SUBBZAMIDE | Substituted Benzamide |
| SUBBZPA | Substituted Benzenepropanoic acid |
| SUBBZSAMIDE | Substituted Benzenesulfonamide |
| SUBCBT | Substituted Cyclobutane |
| SUBCHXN | Substituted Cyclohexane |
| SUBCHYD | Substituted Cyclic Hydrocarbon |
| SUBCPT | Substituted Cyclopentane |
| SUBCPTO | Substituted Cyclopentanone |
| SUBDIOXIN | Substituted Dioxin |
| SUBDIOXLANE | Substituted Dioxolane Compound |
| SUBDS | Substituted Disulfide |
| SUBETHANOL | Substituted Ethanol |
| SUBETHONE | Substituted Ethanone |
| SUBH3PO4 | Substituted Phosphonic acid |
| SUBHDIOIC | Substituted Hexanedioic acid |
| SUBHEPTANONE | Substituted Heptanone |
| SUBINDENE | Substituted Indene |
| SUBINDENONE | Substituted Indenone |
| SUBMALKANE | Methyl Substituted Alkane |
| SUBMCHX | Methyl Substituted Cyclohexane |
| SUBNAPH | Substituted Naphthalene |
| SUBOCTENE | Substituted Octene |
| SUBOXIRANE | Substituted Oxirane |
| SUBPAH | Substituted PAH |
| SUBPENTENE | Substituted Pentene |
| SUBPHAN | Substituted Phenanthrene |
| SUBPHENOL | Substituted Phenol |
| SUBPLENE | Substituted Pentalene |
| SUBPROPANOL | Substituted Propanol |
| SUBPYR | Substituted Pyrene |
| SULFAL | Sulfallate |
| SULFOTEP | Thiodiphosphoric Acid Tetraethyl Ester |

| | |
|---|---|
| SULFX | Piperonyl Sulfoxide |
| SULPROFOS | Bolstar (Sulprofos) |
| SURFACT | Surfactants |
| SWEP | Methyl-N-(3,4-DI-Chlorophenyl) Carbamate |
| SYNFIBER | Synthetic Fiber |
| T23P | Tris(2,3-dibromopropyl) phosphate |
| TB | Total Bacteria |
| TB33PRA | 3,3-Thiobis Propanoic Acid |
| TBME | Bromoform |
| TBP | Tributyl Phosphate (surr.) |
| TBPNO | Tributylphosphine Oxide |
| TBPTH | S,S,S-Tributyl Phosphorotrithioate |
| TBUTMEE | Methyl-t-butyl ether |
| TC1112 | 1,1,1,2-Tetrachloroethane |
| TCA | Trichloroethane |
| TCA111 | 1,1,1-Trichloroethane |
| TCA112 | 1,1,2-Trichloroethane |
| TCB123 | 1,2,3-Trichlorobenzene |
| TCB124 | 1,2,4-Trichlorobenzene |
| TCB135 | 1,3,5-Trichlorobenzene |
| TCBPH | Tetrachloro 1,1'-Biphenyl |
| TCBZ | Trichlorobenzene |
| TCDD | Total Tetrachlorodibenzo-p-dioxins (TCDD) |
| TCDD1234 | 1,2,3,4-Tetrachlorodibenzo-p-Dioxin |
| TCDD1234C13 | 1,2,3,4-Tetrachlorodibenzo-p-Dioxins-C13 |
| TCDD1278 | 1,2,7,8-Tetrachlorodibenzo-p-Dioxin |
| TCDD1289 | 1,2,8,9-Tetrachlorodibenzo-p-Dioxin |
| TCDD1368 | 1,3,6,8-Tetrachlorodibenzo-p-Dioxin |
| TCDD1378 | 1,3,7,8-Tetrachlorodibenzo-p-Dioxin |
| TCDD1379 | 1,3,7,9-Tetrachlorodibenzo-p-Dioxin |
| TCDD2378 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin |
| TCDD2378C13 | 2,3,7,8-Tetrachlorodibenzo-p-Dioxin-C13 |
| TCDD2378CL37 | 2,3,7,8-Tetrachlorodibenzo-P-Dioxin-CL37 |

| | |
|---|---|
| TCDDCL37 | Chlorine 37 Tetrachlorodibenzodioxin |
| TCDF | Total Tetrachlorodibenzofurans (TCDF) |
| TCDF1278 | 1,2,7,8-Tetrachlorodibenzofuran |
| TCDF2378 | 2,3,7,8-Tetrachlorodibenzofuran |
| TCDF2378C13 | 2,3,7,8-Tetrachlorodibenzofuran-C13 |
| TCE | Trichloroethylene (TCE) |
| TCEHP | Trichloroethanol Phosphate |
| TCESS | Trichloroeicosyl-Silane |
| TCLME | Chloroform |
| TCLP113 | 1,1,3-Trichloropropene |
| TCP2346 | 2,3,4,6-Tetrachlorophenol |
| TCP2356 | 2,3,5,6-Tetrachlorophenol |
| TCP236 | 2,3,6-Trichlorophenol |
| TCP245 | 2,4,5-Trichlorophenol |
| TCP246 | 2,4,6-Trichlorophenol |
| TCPHON | Trichlorophon |
| TCPR | Trichloropropane |
| TCPR123 | 1,2,3-Trichloropropane |
| TCT | Tetrachloro-Thiophene |
| TCTFE | 1,1,1-Trichloro-2,2,2-Trifluoroetrhane |
| TCYC10NN | Tricyclo[3.3.1.13,7] Decane, 1-Nitro- |
| TCYC9N | Tricyclo[4.3.0.07] Nonane |
| TDC2 | 2-Tridecanone |
| TDCA | Tridecanoic Acid |
| TDCEN | 3-Tetradecene, (Z) |
| TDCN | 1-Tridecene |
| TDCN4 | 1-Tridecyn-4-OL |
| TDI | Toluene diisocyanate |
| TDL | Tridecanol |
| TDNL | Tridecanal |
| TDS | Total Dissolved Solids (Residue, Filterable) |
| TE | Tellurium |
| TECBPH | Total Tetrachlorobiphenyls |

| | |
|---|---|
| TECLPHS | Tetrachlorophenols, Total |
| TEGLY | Tetraethylene Glycol |
| TEGLYDME | Tetraethylene Glycol Dimethyl Ether |
| TEMP | Temperature |
| TEPP | Tetraethyl pyrophosphate |
| TEPTH | O,O,O-Triethyl phosphorothioate |
| TERBUFOS | Terbufos |
| TERMIL | Chlorothalonil |
| TERPINEOL | Alpha-Terpineol |
| TETCLA | Tetrachloroethanes |
| TETRALIN | Tetralin |
| TETRAZENE | Tetrazene |
| TETRYL | Tetryl |
| TFBZME | 1,1,1-Trifluorotoluene |
| TFH | Total Fuel Hydrocarbons |
| TH | Thorium |
| TH_228 | Thorium-228 |
| TH_230 | Thorium-230 |
| TH_232 | Thorium-232 |
| TH_234 | Thorium-234 |
| THCHX | Total Hydrocarbons as Hexane |
| THF | Tetrahydrofuran |
| THM | Total Trihalomethanes |
| THMNPH | Tetrahydromethyl Naphthalene |
| TI | Titanium |
| TIC | Total Inorganic Carbon |
| TL | Thallium |
| TL_208 | Thallium-208 |
| TLDNO | o-Toluidine |
| TLDNOHCL | o-Toluidine Hydrochloride |
| TLDNONT5 | 5-Nitro-o-toluidine |
| TM1122CYPR | 1,1,2,2-Tetramethyl Cyclopropane |
| TM112CYHX | 1,1,2-Trimethyl Cyclohexane |

| | |
|---|---|
| TM113CYHX | 1,1,3-Trimethyl Cyclohexane |
| TM113MPCHX | 1,1,3-Trimethyl-2-(3-Methylpentyl)-Cyclohexane |
| TM124CYHX | 1,2,4-Trimethyl-Cyclohexane |
| TM135CYHX | 1,3,5-Trimethyl-Cyclohexane |
| TM223C5N | 2,23-Trimethyl Pentane |
| TM223CBT | 2,2,3-Trimethyl Cyclobutanone |
| TM2244C5N | 2,2,4,4-Tetramethyl Pentane |
| TM224C10N | 2,2,4-Trimethyl Decane |
| TM224C5N | 2,2,4-Trimethylpentane |
| TM224DX13 | 2,2,4-Trimethyl-1,3-Dioxolane |
| TM224OXP | 2,2,4-Trimethyl Oxepane |
| TM2255C6N | 2,2,5,5-Tetra Methyl Hexane |
| TM225C6N | 2,2,5-Trimethyl Hexane |
| TM226C8N | 2,2,6-Trimethyl Octane |
| TM234C5N | 2,3,4-Trimethylpentane |
| TM234C7N | 2,3,4-Trimethyl Heptane |
| TM237C8N | 2,3,7-Trimethyloctane |
| TM238C10N | 2,3,8-Trimethyl Decane |
| TM244HX | 2,4,4-Trimethyl Hexane |
| TM246BZA | 2,4,6-Trimethyl Benzoic Acid |
| TM246C8N | 2,4,6-Trimethyl Octane |
| TM256C10N | 2,5,6-Trimethyl Decane |
| TM259C10N | 2,5,9-Trimethyl Decane |
| TM2610C12N | 2,6,10-Trimethyldodecane |
| TM2610C14N | 2,6,10-Trimethyl Tetradecane |
| TM266C10N | 2,6,6-Trimethyl Decane |
| TM266C8N | 2,6,6-Trimethyl Octane |
| TM267C10N | 2,6,7-Trimethyl Decane |
| TM268C10N | 2,6,8-Trimethyl Decane |
| TM2710C12N | 2,7,10-Trimethyl Dodecane |
| TM334C6N | 3,3,4-Trimethyl Hexane |
| TM335HEX | 3,3,5-Trimethyl-1-Hexene |
| TM61014PDCN2 | 6,10,14-Trimethyl-2-Pentadecanone |

| | |
|---|---|
| TMANIL245 | 2,4,5-Trimethylaniline |
| TMB123 | 1,2,3-Trimethyl Benzene |
| TMB124 | 1,2,4-Trimethylbenzene |
| TMB135 | 1,3,5-Trimethylbenzene (Mesitylene) |
| TMB4 | 4-(1,1,3,3-Tetramethylbutyl) |
| TMB4PH | 4-Tetramethylbutyl-Phenol |
| TMBT | 2,2,3,3-Tetramethyl Butane |
| TMBZ | Trimethyl Benzene |
| TMC10N | Trimethyl Decane |
| TMC12N | Trimethyl Dodecane |
| TMC7N | Trimethyl Heptane |
| TMC7N235 | 2,3,5-Trimethyl Heptane |
| TMC8N | Trimethyl Octane |
| TMC9N | Trimethyl Nonane |
| TMCYHX | Trimethyl Cyclohexane |
| TMCYP | Trimethylcyclopentane Isomers |
| TMCYP2 | trans-2-Methylcyclopentanol |
| TME1135CYHX | 1,1,3,5-Tetramethyl Cyclohexane |
| TME1135CYHXC | cis-1,1,3,5-Tetramethyl Cyclohexane |
| TME2234C5N | 2,2,3,4-Tetramethyl Pentane |
| TME233C6N | 2,3,3-Trimethyl Hexane |
| TME234C6N | 2,3,4-Trimethyl Hexane |
| TMEBZ | Tetramethyl Benzene |
| TMEBZ1234 | 1,2,3,4-Tetramethylbenzene |
| TMEBZ1235 | 1,2,3,5-Tetramethylbenzene |
| TMEBZ1245 | 1,2,4,5-Tetramethylbenzene |
| TMEC5N | Tetramethyl Pentane |
| TMEC6N2233 | 2,2,3,3-Tetramethyl-Hexane |
| TMEHX | Trimethyl Hexane |
| TMEP | Trimethyl phosphate |
| TMHPC10N | 2,6,10,14-Tetramethyl Heptadecane |
| TMHYD | Trimethyl Hydrazine |
| TMNPH | Trimethylnaphthalenes |

| | |
|---|---|
| TMP | Tetramethyl Phenol Isomer |
| TMPTN2 | Trimethyl-2-Pentene Isomer |
| TMSIL | Silanol Trimethyl |
| TNB135 | 1,3,5-Trinitrobenzene |
| TNP246 | Picric Acid |
| TNT | 2,4,6-Trinitrotoluene |
| TOC | Total Organic Carbon |
| TOKUTHION | Tokuthion (Prothiofos) |
| TOTPHEN | Phenolics, Total Recoverable |
| TOTX | Total Halogens |
| TOX | Total Organic Halides |
| TOXAP | Toxaphene |
| TOXBR | Total Organic Halides (TOX) - Brominated |
| TOXCL | Total Organic Halides (TOX) - Chlorinated |
| TOXI | Total Organic Halides (TOX) - Iodinated |
| TPA | Triphenyl Phosphorus Acid |
| TPH | Triphenylene |
| TPHENA | Phenol (Acid Fraction) |
| TPHP | Triphenyl Phosphate (surr.) |
| TPYR356 | 3,5,6-Tris 2(1H)-Pyrazinone |
| TRANAVG | Transmissivity |
| TREMO | Tremolite |
| TRIAZOPHOS | Triazophos |
| TRICBPH | Total Trichlorobiphenyls |
| TRICBPH245 | 2,4,5-Trichlorobiphenyl |
| TRICLPHS | Trichlorophenols |
| TRICYCLO | Tricyclo[3.2.1.02,4]OCT-6-ENE,8-Methylene (1.Alpha) |
| TRIFLURALIN | Trifluralin |
| TRPPMFE | Iron, Tricarbonyl [N-(Phenyl-2-Pyridinylmeth)] |
| TRT124 | 1,2,4-Trithiolane |
| TS | Sulfide, Total |
| TSO | Total Solids |
| TT4P | Tri-p-tolyl phosphate |

| | |
|---|---|
| TTCON | Tritetracontane |
| TTCT | Tetratetracontane |
| TU | Thiourea |
| TURB | Turbidity |
| TVO | Total Volatile Organics |
| TVS | Total Volatile Solids |
| U_234 | Uranium-234 |
| U_235 | Uranium-235 |
| U_238 | Uranium-238 |
| UD2 | 2-Undecene (Z)- |
| UDMH | 1,1-Dimethylhydrazine |
| UNCYHX | Undecyl-Cyclohexane |
| UNK1 | Unknown#1 |
| UNK10 | Unknown#10 |
| UNK11 | Unknown#11 |
| UNK12 | Unknown#12 |
| UNK13 | Unknown#13 |
| UNK14 | Unknown#14 |
| UNK15 | Unknown#15 |
| UNK16 | Unknown#16 |
| UNK17 | Unknown#17 |
| UNK18 | Unknown#18 |
| UNK19 | Unknown#19 |
| UNK2 | Unknown#2 |
| UNK20 | Unknown#20 |
| UNK3 | Unknown#3 |
| UNK4 | Unknown#4 |
| UNK5 | Unknown#5 |
| UNK6 | Unknown#6 |
| UNK7 | Unknown#7 |
| UNK8 | Unknown#8 |
| UNK9 | Unknown#9 |
| UNKAH | Unknown Aromatic Hydrocarbon |

| | |
|---|---|
| UNKALCOHOL | Unknown Alcohol |
| UNKALDEHYDE | Unknown Aldehyde |
| UNKALIPHY | Unknown Aliphatic Hydrocarbon |
| UNKALKANE | Unknown Alkane |
| UNKALKANE1 | Unknown Alkane#1 |
| UNKALKANE10 | Unknown Alkane#10 |
| UNKALKANE11 | Unknown Alkane#11 |
| UNKALKANE12 | Unknown Alkane#12 |
| UNKALKANE13 | Unknown Alkane#13 |
| UNKALKANE14 | Unknown Alkane#14 |
| UNKALKANE15 | Unknown Alkane#15 |
| UNKALKANE16 | Unknown Alkane#16 |
| UNKALKANE17 | Unknown Alkane#17 |
| UNKALKANE18 | Unknown Alkane#18 |
| UNKALKANE19 | Unknown Alkane#19 |
| UNKALKANE2 | Unknown Alkane#2 |
| UNKALKANE20 | Unknown Alkane#20 |
| UNKALKANE3 | Unknown Alkane#3 |
| UNKALKANE4 | Unknown Alkane#4 |
| UNKALKANE5 | Unknown Alkane#5 |
| UNKALKANE6 | Unknown Alkane#6 |
| UNKALKANE7 | Unknown Alkane#7 |
| UNKALKANE8 | Unknown Alkane#8 |
| UNKALKANE9 | Unknown Alkane#9 |
| UNKALKENE | Unknown Alkene |
| UNKALKYNE | Unknown Alkyne |
| UNKAMIDE | Unknown Amide |
| UNKAMINE | Unknown Amine |
| UNKARO | Unknown Aromatic |
| UNKAROKET | Unknown Aromatic Ketone |
| UNKBICYCLIC | Unknown Bicyclic |
| UNKBRTRIENOL | Unknown Branched Trienol |
| UNKBZALD | Unknown Benzaldehyde |

| | |
|---|---|
| UNKCALKANE | Unknown Cyclic Alkane |
| UNKCARBOXA | Unknown Carboxylic Acid |
| UNKCHYD | Unknown Cyclic Hydrocarbon |
| UNKCKETONE | Unknown Cyclic Ketone |
| UNKCPYRDN | Unknown Chlorinated Pyridine |
| UNKESTER | Unknown Ester |
| UNKFATACID | Unknown Fatty Acid |
| UNKHYD | Unknown Hydrocarbon |
| UNKINDOLE | Unknown Indole |
| UNKKETONE | Unknown Ketone |
| UNKNOWN | Unknown |
| UNKPAH | Unknown Polynuclear Aromatic Hydrocarbon |
| UNKPCB | Unknown Polychloronated biphenyl |
| UNKPHLATE | Unknown Phthalate |
| UNKSILOXANE | Unknown Siloxane |
| UNKSTEROL | Unknown Sterol |
| UNKSUBPHENOL | Unknown Substituted Phenol |
| UNKTHIAZOLE | Unknown Thiazole |
| UTOT | Uranium, Total |
| V | Vanadium |
| VA | Vinyl acetate |
| VBTE | Vinyl n-Butyl Ether |
| VC | Vinyl chloride |
| VETE | Vinyl Ethyl Ether |
| VISOBTE | Vinyl Isobutyl Ether |
| VSS | Volatile Suspended Solids |
| VTDS | Volatile Total Dissolved Solids |
| W | Tungten |
| WARF | Warfarin |
| WOIL | Waste Oil C25+ (i.e. Motor Oil, Hydraulic Fluid) |
| XE_133 | Xenon-133 |
| XME | Halomethanes |
| XYL246CLM | 2,4,5,6-Tetrachloro-meta-xylene (surr.) |

| | |
|---|---|
| XYLENES | Xylenes |
| XYLENES1213 | Xylenes, o & m |
| XYLENES1214 | Xylenes, o & p |
| XYLM | m-Xylene (1,3-Dimethylbenzene) |
| XYLMP | m,p-Xylene (Sum of Isomers) |
| XYLO | o-Xylene (1,2-Dimethylbenzene) |
| XYLP | p-Xylene (1,4-Dimethylbenzene) |
| Y | Yttrium |
| ZINOPHOS | Zinophos |
| ZN | Zinc |
| ZN_65 | Zinc-65 |
| ZR | Zirconium |
| ZR_95 | Zirconium-95 |

**DOMAIN NAME** env - parameter type code

**DEFINITION** Code identifying the type of analyte parameter.

| VALUE | DEFINITION |
|---|---|
| IN | Internal Standard |
| S | Value Determined by the Method of Standard Additions |
| SU | Surrogate |
| TI | Tentatively Identified Compound |

**DOMAIN NAME** env - parameter value qualifier

**DEFINITION** Code describing to what the sample analytical result is equivalent to (e.g., equal to, not detected).

| VALUE | DEFINITION |
|---|---|
| CE | Co-elution |
| EQ | Estimated quantification - Not Primary Result, Test was not performed |
| ET | Equal to |
| GT | Greater Than |
| I | Interference present |
| IV | Indeterminate - Significant differences between runs |
| LT | Less Than |
| NA | Not Available - result not available |
| ND | Not Detected |

| | |
|---|---|
| TR | Trace - Above MDL below PQL |
| UR | Unresolved Peaks Due to Matrix Interference or Impurities |

**DOMAIN NAME** env - permit status

**DEFINITION** A descriptor indicating the status of an environmental permit.

| VALUE | DEFINITION |
|---|---|
| CPI | Construction permit has been issued. |
| CPUR | Construction permit application is under review. |
| LSFAUR | Limited storage facility application under review. |
| PANCI | Permit application not called in. |
| PANS | Permit application has not been submitted to the regulatory authority. |
| PAUR | Permit application is under review by the regulatory authority. |
| PD | Permit has been denied by the regulatory authority. |
| PE | Permit has expired. |
| PI | Permit has been issued by the regulatory authority. |
| PNI | Permit has not been issued. |
| PNR | Permit or closure not required. |
| PR | Permit has been removed by the regulatory authority. |
| PRUR | Permit reapplication is under review by the regulatory authority. |

**DOMAIN NAME** env - petroleum mat/waste cat

**DEFINITION** A descriptor indicating the category of petroleum product or waste.

| VALUE | DEFINITION |
|---|---|
| CRUDE | crude or unprocessed oil. |
| DIESEL | diesel |
| FUEL_OIL | fuel oil |
| GASOLINE | gasoline |
| HEAVY_OIL | heavy oil |
| HYDRAULIC_FLUID | hydraulic fluid |
| LIGHT_OIL | light oil |

**DOMAIN NAME** env - plume type

**DEFINITION** A code indicating the type of analyte concentration represented by the plume boundary.

| VALUE | DEFINITION |
|---|---|
| CTL | carcinogenic threshold limit |

| | |
|---|---|
| IDLH | immediately dangerous to life or health |
| PEL | permissible exposure limit |
| TLV | threshold limit value |
| UD | user defined |

**DOMAIN NAME** env - polluted matrix

**DEFINITION** Classification of the polluted matrix or medium (e.g., air, soil, groundwater).

| VALUE | DEFINITION |
|---|---|
| AIR | Air. |
| BIOLOGICAL | Plant, animal, bird, fish, reptile, human, or amphibian. |
| GROUNDWATER | Groundwater. |
| SEDIMENT | Sediment. |
| SOIL | Soil. |
| SOLID | Solid product, materiel, etc. (e.g., wood, concrete, wallboard). |
| SURFACE_WATER | Surface water. |
| UNKNOWN | unknown. |
| WASTE | Liquid or semi-solid product, byproduct, residual materiel, etc. which must be excessed, removed, or disposed of. |

**DOMAIN NAME** env - pollution cause

**DEFINITION** A descriptor for the cause of the release/pollution.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** env - pollution source

**DEFINITION** A descriptor indicating the source of pollution.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |

**DOMAIN NAME** env - preservative added code

**DEFINITION** Code indicating the type and amount of preservative added to the sample.

| VALUE | DEFINITION |
|---|---|
| P01 | 4 drops of 10% sodium thiosulfate to 4 oz. |
| P02 | Adjust to pH 4-5 . |
| P03 | Add 3 mL 10% sodium thiosulfate per l-gal. |
| P04 | Adjust to pH < 2 with sulfuric acid |

| | |
|---|---|
| P05 | Adjust to pH < 2 with hydrochloric acid |
| P06 | Adjust to pH < 2 with sodium hydrogen sulfate |
| P07 | Adjust to pH > 12 with sodium hydroxide |
| P08 | Adjust to pH < 2 with nitric acid |
| P09 | 0.6 g of ascorbic acid to 500mLs |
| P10 | Add 2 mL of zinc acetate to 500mLs |
| P11 | Adjust to pH >9 with sodium hydroxide |

**DOMAIN NAME** env - project status

**DEFINITION** Code indicating the status of completion of a project phase.

| VALUE | DEFINITION |
|---|---|
| CMP | Completed Work, Including Report |
| INP | Phased Field Or Analytical Work In Process |
| PRE | Presurvey Underway (Phase 2 Only) |
| RAP | Remedial Action Plan Under Development (Phase 4 On |
| REV | Report Or RAP Under Review |
| RQM | Requirement Identified But Phase Not Started |

**DOMAIN NAME** env - pvc code

**DEFINITION** Code indicating whether a gas chromatography or gas chromatography/mass spectroscopy analytical result was obtained fro

| VALUE | DEFINITION |
|---|---|
| 1C | First Column Result - The value obtained from the first column |
| 2C | Second Column Result - The value obtained from the second column |
| MS | GC/MS Result - Value confirmed using GC/MS |
| NR | Not Reported - Data not reported |
| NU | Not Usable - Data not usable |
| PR | Primary Result - The primary result for a parameter |

**DOMAIN NAME** env - radioactive mat/waste cat

**DEFINITION** A descriptor indicating the category of radioactive material or waste.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |

**DOMAIN NAME** env - radioactive munition cat

**DEFINITION** A descriptor indicating the category of radioactive munitions material or waste.

| VALUE | DEFINITION |
|---|---|

# Environmental Hazards (domain values)

| | |
|---|---|
| TBD | to be determined |

**DOMAIN NAME** env - reference sample QC code

**DEFINITION** Code indicating the quality assurance method for the reference sample.

| VALUE | DEFINITION |
|---|---|
| CLP90 | USEPA Contract Laboratory Program - March 1990 |
| SW1986 | Test Methods for Evaluating Solid Waste Nov 1986 |
| SW1992 | Test Methods for Evaluating Solid Waste Nov 1986 - Rev July 1992 |
| WW1983 | Method for Chemical Analysis of Water and Wastes - Rev March 1983 |

**DOMAIN NAME** env - regulated tank cat

**DEFINITION** A descriptor indicating the general category of a storage tank subject to compliance with environmental regulations.

| VALUE | DEFINITION |
|---|---|
| AST | An aboveground storage tank |
| UST | An underground storage tank |

**DOMAIN NAME** env - regulations

**DEFINITION** The federal, state, or local environmental regulation, act, or law requiring compliance or remediation activity.

| VALUE | DEFINITION |
|---|---|
| AHERA | Asbestos Hazard Emergency Response Act. |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act (also known as Superfund). |
| CLEAN_AIR_ACT | Clean Air Act |
| CLEAN_WATER_ACT | Clean Water Act. |
| ENDANGERSPECIES | Endangered Species Act. |
| HISTORIC_PRES_ | National Historic Preservation Act. |
| INSECTICIDE_ACT | Federal Insecticide, Fungicide, and Rodenticide Act. |
| NEPA | National Environmental Policy Act. |
| NESHAPS | National Emission Standards for Hazardous Air Pollutants. |
| NOISE_ACT | Noise Control Act. |
| OSHA | Occupational Safety and Health Act. |
| OTHER | Other Environmental Regulation not included. |
| RCRA | Resource Conservation and Recovery Act (General). |
| RCRA_C | Resource Conservation and Recovery Act - Subtitle C: Hazardous Waste. |
| RCRA_D | Resource Conservation and Recovery Act - Subtitle D: Nonhazardous Waste. |
| RCRA_I | Resource Conservation and Recovery Act - Subtitle I: Underground Storage Tanks. |

| | |
|---|---|
| SAFE_WATER_ACT | Safe Drinking Water Act. |
| TOXIC_SUB_ACT | Toxic Substances Control Act. |

**DOMAIN NAME** env - regulatory agency type

**DEFINITION** A descriptor indicating the type of agency or organization having regulatory authority over the subject item or activity.

| VALUE | DEFINITION |
|---|---|
| CITY | City Government Agency or Organization. |
| COUNTY_PARISH | County or Parish Government Agency or Organization. |
| FEDERAL_EPA | Federal Government - Environmental Protection Agency. |
| FEDERAL_OTHER | Federal Government Agency or Organization other than the Environmental Protection Agency. |
| STATE | State Government Agency or Organization. |

**DOMAIN NAME** env - release type

**DEFINITION** A descriptor for the type of release experienced.

| VALUE | DEFINITION |
|---|---|
| FINITESTEADY | finite - steady |
| FINITEVARIABLE | finite - variable |
| INFINITESTEADY | infinite - steady |
| INFINITVARIABLE | infinite - variable |
| INSTANTLY | instantaneous |
| SLOW_RELEASE | slow release |
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** env - remedial action urgency

**DEFINITION** A descriptor indicating the level of urgency in removing or remediating the environmental hazard.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |

**DOMAIN NAME** env - rep lab detect limit qual

**DEFINITION** A qualifier used to define the type of detection limit that the laboratory is reporting.

| VALUE | DEFINITION |
|---|---|
| DDL | Method Defined Detection Limit |
| EQL | Estimated Quantitation Limit |
| IDL | Instrument Detection Limit |
| MDL | Method Detection Limit |

# Environmental Hazards (domain values)

| | |
|---|---|
| NA | not applicable |
| PQL | Practical Quantitation Limit |
| PRL | Parameter Range Limit |

**DOMAIN NAME** env - sample classification

**DEFINITION** Classification of the sample type.

| VALUE | DEFINITION |
|---|---|
| BIOLOGICAL | sample collected for the purpose of conducting an analysis which will yield a biological result. |
| CHEMICAL | sample collected for the purpose of conducting an analysis which will yield a chemical result. |
| PHYSICAL | sample collected for the purpose of conducting an analysis which will yield a physical result. |

**DOMAIN NAME** env - sample matrix type

**DEFINITION** Code representing the matrix or medium from which the environmental sample is collected.

| VALUE | DEFINITION |
|---|---|
| AA | Ambient Air |
| AD | Drilling Air |
| AQ | Air Quality Control Matrix |
| AX | Air sample from unknown origin |
| CF | Fly Ash Cinder |
| DC | Drill Cuttings |
| GE | Gaseous Effluent (Stack Gas) |
| GL | Headspace of Liquid Sample |
| GQ | Headspace or Gaseous Phase QC Matrix |
| GS | Soil Gas |
| LC | Liquid Condensate |
| LD | Drilling Fluid |
| LE | Liquid Emulsion |
| LF | Floating/Free Product on Groundwater Table |
| LH | Hazardous Liquid Waste |
| LO | Organic Liquid |
| LV | Liquid From Vadose Zone |
| MH | Hazardous Multiple Phase Waste |
| MX | Multiple phase sample from unknown origin |
| SB | Bentonite |

# Environmental Hazards (domain values)

| | |
|---|---|
| SC | Cement |
| SE | Sediment (associated with surface water) |
| SF | Filter Sandpack |
| SH | Hazardous Solid Waste |
| SL | Sludge |
| SM | Water Filter (Solid materiel used to Filter Water) |
| SO | Soil |
| SP | Casing (PVC, Stainless Steel, Cast Iron, Iron Pipi |
| SQ | Soil/Solid Quality Control Matrix |
| SR | Water Filter Residue (Solid That Gets Filtered Out |
| SS | Scrapings |
| SW | Swab or Wipe |
| SX | Soil or Solid Sample of unknown origin |
| TA | Animal Tissue |
| TP | Plant Tissue |
| TQ | Tissue Quality Control Matrix |
| TX | Tissue from unknown origin |
| W | Water |
| WC | Drilling Water (Used for Well Construction) |
| WD | Well Development Water |
| WE | Estuary |
| WG | Ground Water |
| WH | Equipment Wash Water, i.e. Water used for Washing |
| WL | Leachate |
| WO | Ocean Water |
| WP | Drinking Water |
| WQ | Water Quality Control Matrix |
| WS | Surface Water |
| WV | Water From Vadose Zone |
| WW | Waste Water |
| WX | Water of unknown origin |
| WZ | Special Water Quality Control Matrix |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - sample method

**DEFINITION** Code representing the method by which the environmental sample is collected.

| VALUE | DEFINITION |
|---|---|
| AC | Air Canister |
| AL | Air-Lift Sampler |
| AP | Air Lift Pump |
| AS | Ashing |
| AT | Sampling Train |
| B | Bailer |
| BL | Undisturbed Bulk Sample |
| BP | Gas Operated Bladder Pump |
| BR | Brass (California) Ring |
| C | Continuous Flight Auger |
| CC | 5 Foot Continuous Core Sampler |
| CF | Flow Weighted Composite |
| CH | Charcoal Sampling Tube |
| CL | Clover Leaf Dredge Sampler |
| CN | Cone Penetrometer |
| CP | Centrifugal Pump |
| CR | Cutting Returns |
| CS | Composite Sample |
| CT | Time Weighted Composite |
| CY | Cyclone Method of Sampling Drill Cuttings |
| D | Disturbed Bulk Sample |
| DS | Dredge Sampler (Brass, Etc.) |
| DT | Driven Tube |
| E1 | Electrical Submersible Pump (Pre-1982) |
| E2 | Electrical Submersible Pump (1982+) |
| EK | Eckman Dredge Sampler |
| FC | Cassette Filter |
| G | Grab |
| GD | Electrical Submersible Pump (Gear-Driven) |
| GP | Gas-operated, double acting Piston Pump |

# Environmental Hazards (domain values)

| | |
|---|---|
| H | Hollow Stem Auger |
| HA | Hand Auger |
| HB | Hand Bucket Auger |
| HP | Hydropunch |
| HR | Electrical Submersible Pump (Helical Rotor) |
| HU | High-Volume Air Sampler with Puf Resin |
| HV | High Volume Air Sampler |
| HX | High-Volume Air Sampler with XAD Resin |
| KS | Kemmerer Sampler |
| LV | Low Volume Continuous Air Sampler |
| LY | Lysimeter |
| NA | not applicable |
| NC | Nickel Coated Brass Bomb Sampler |
| NQ | NQ Wireline Rock Coring/ASTM-D2113 |
| NX | NX Rock Coring/ASTM-D2113 |
| PI | Piston Pump |
| PP | Peristaltic Pump |
| PR | Stainless Steel Soil Gas Probe with a Retractable |
| RS | Hollow Glass Sampling Rod |
| S | Drive Sample - 2 inch/ASTM-D1586 |
| SC | Scraped From Exposed Surface |
| SL | Suction Lift Pump |
| SP | Submersible Pump |
| SS | Split Spoon |
| ST | Submersible Turbine Pump |
| SY | Syringe |
| T | Shelby Tube/ASTM-D1587 |
| TS | Thief Sampler and/or Thief Type Sampler |
| U | Tube Sampler - 3 inch/ASTM-D3550 |
| VS | Van Dorn Sampler |
| W | Swab Or Wipe |
| WF | Wellhead Faucet (Grab Sample From) |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - sample point

**DEFINITION** A descriptor indicating the category of environmental sample field collection location.

| VALUE | DEFINITION |
|---|---|
| AIR | AIR |
| BIOLOGICAL | BIOLOGICAL |
| GROUNDWATER | Groundwater |
| SEDIMENT | SEDIMENT. |
| SOIL | SOIL |
| SOLID | SOLID |
| SURFACE_WATER | SURFACE WATER. |
| TBD | TO BE DETERMINED |
| WASTE | WASTE |

**DOMAIN NAME** env - sample type code

**DEFINITION** A descriptor indicating the type of environmental sample collected.

| VALUE | DEFINITION |
|---|---|
| AB | ambient conditions |
| BS | blank spike |
| BSD | blank spike duplicate |
| CC | continuing calibration verification |
| EB | equipment blank |
| EBD | equipment blank duplicate |
| FBLD | field blank lab matrix spike duplicate |
| FBLR | field blank lab replicate |
| FD | field duplicate |
| FR | field replicate |
| FRLR | field replicate lab replicate |
| FS | field spike |
| IC | initial calibration verification |
| KM | known (external reference materiel) |
| KMD | known (external reference materiel) duplicate |
| KMLS | known (external reference materiel) lab matrix spike |
| LB | lab blank |

| | |
|---|---|
| LMS | lab matrix spike |
| LMSD | lab matrix spike duplicate |
| LR | lab replicate |
| MB | materiel blank |
| N | normal environmental sample |
| RB | materiel rinse blank |
| RD | regulatory duplicate |
| RS | reagent solvent |
| S | environmental sample |
| TB | trip blank |
| TBD | trip blank duplicate |
| TBR | trip blank replicate |

**DOMAIN NAME** env - sampling equipment

**DEFINITION** Code representing the equipment used in collecting the environmental sample.

| VALUE | DEFINITION |
|---|---|
| AC | Air Canister |
| AL | Air-Lift Sampler |
| AP | Air Lift Pump |
| AS | Ashing |
| AT | Sampling Train |
| B | Bailer |
| BL | Undisturbed Bulk Sample |
| BP | Gas Operated Bladder Pump |
| BR | Brass (California) Ring |
| C | Continuous Flight Auger |
| CC | 5 Foot Continuous Core Sampler |
| CF | Flow Weighted Composite |
| CH | Charcoal Sampling Tube |
| CL | Clover Leaf Dredge Sampler |
| CN | Cone Penetrometer |
| CP | Centrifugal Pump |
| CR | Cutting Returns |
| CS | Composite Sample |

# Environmental Hazards (domain values)

| | |
|---|---|
| CT | Time Weighted Composite |
| CY | Cyclone Method of Sampling Drill Cuttings |
| D | Disturbed Bulk Sample |
| DS | Dredge Sampler (Brass, Etc.) |
| DT | Driven Tube |
| E1 | Electrical Submersible Pump (Pre-1982) |
| E2 | Electrical Submersible Pump (1982+) |
| EK | Eckman Dredge Sampler |
| FC | Cassette Filter |
| G | Grab |
| GD | Electrical Submersible Pump (Gear-Driven) |
| GP | Gas-operated, double acting Piston Pump |
| H | Hollow Stem Auger |
| HA | Hand Auger |
| HB | Hand Bucket Auger |
| HP | Hydropunch |
| HR | Electrical Submersible Pump (Helical Rotor) |
| HU | High-Volume Air Sampler with Puf Resin |
| HV | High Volume Air Sampler |
| HX | High-Volume Air Sampler with XAD Resin |
| KS | Kemmerer Sampler |
| LV | Low Volume Continuous Air Sampler |
| LY | Lysimeter |
| NA | not applicable |
| NC | Nickel Coated Brass Bomb Sampler |
| NQ | NQ Wireline Rock Coring/ASTM-D2113 |
| NX | NX Rock Coring/ASTM-D2113 |
| PI | Piston Pump |
| PP | Peristaltic Pump |
| PR | Stainless Steel Soil Gas Probe with a Retractable |
| RS | Hollow Glass Sampling Rod |
| S | Drive Sample - 2 inch/ASTM-D1586 |
| SC | Scraped From Exposed Surface |

| | |
|---|---|
| SL | Suction Lift Pump |
| SP | Submersible Pump |
| SS | Split Spoon |
| ST | Submersible Turbine Pump |
| SY | Syringe |
| T | Shelby Tube/ASTM-D1587 |
| TS | Thief Sampler and/or Thief Type Sampler |
| U | Tube Sampler - 3 inch/ASTM-D3550 |
| VS | Van Dorn Sampler |
| W | Swab Or Wipe |
| WF | Wellhead Faucet (Grab Sample From) |

**DOMAIN NAME** env - site remediation type

**DEFINITION** Indicates the type of site remediation or restoration process.

| VALUE | DEFINITION |
|---|---|
| ACCESSCTRL | Fence or other site access control measures. |
| ALTWATERTREAT | Treatment of an alternate water supply. |
| CAPPING | Capping insitu contaminated material with a nonpermeable membrane or nonporous soil material. |
| DRAINAGECTRL | Drainage control measures. |
| EXCBIOREMED | Excavate contaminated material and treat in a separate prepared area by bioremediation. |
| EXCDISPOSAL | Excavate contaminated material and dispose material in a permitted municipal or sanitary landfill in accordance with appro |
| GWTRTREAT | Groundwater treatment. |
| INCINERATION | Incineration. |
| INSITUBIOREM | Bioremediation of contaminated matrix "in-place" or insitu. |
| INSITUSOILTR | Insitu soil treatment. |
| LONGTERMMONIT | Long term monitoring. |
| OTHER | Other. |
| SOILVAPORTR | Soil vapor treatment. |
| TBD | to be determined |
| WASTEREMCONT | Waste removal - drums, tanks, bulk containers. |
| WASTEREMSOILS | Waste removal - soils. |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - solid waste classification

**DEFINITION** A descriptor indicating the classification of the subject solid waste management item.

| VALUE | DEFINITION |
|---|---|
| DEBRIS | Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of nonhazardous constructi |
| HAZARDOUS_WAST | Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of hazardous waste. |
| SANITARY_WASTE | Solid waste management landfill, incinerator, or other item is permitted or used for the disposal of household garbage, sanit |

**DOMAIN NAME** env - storage duration

**DEFINITION** A indicating the temporary nature of the storage site.

| VALUE | DEFINITION |
|---|---|
| 180D | materiel or waste must be recycled, treated, or disposed of within 180 days. |
| 30D | materiel or waste must be recycled, treated, or disposed of within 30 days. |
| 90D | materiel or waste must be recycled, treated, or disposed of within 90 days. |
| LONG | No time limitation on storage of materiel or waste. |
| SHORT | Where the materiel or waste remains no longer than 24 hours. |
| VARIABLE | Where the materiel or waste remains until a predetermined quantity is accumulated. |

**DOMAIN NAME** env - storage tank status

**DEFINITION** Indicates the status of the tank.

| VALUE | DEFINITION |
|---|---|
| ABANDONED | Tank is permanently out of service and has not been removed or "closed" in accordance with the appropriate environmental |
| CLOSEDINPLACE | Tank has been permanently taken out of service, filled with inert material, left in-place, and the tank site has been "closed" |
| CLOSEDREMOVED | Tank has been permanently taken out of service, has been removed, and the tank site has been "closed" in accordance with |
| FILLED | Tank was permanently taken out of service, filled with inert material, left in-place, but the tank site was not "closed" in acc |
| IN_USE | Tank is currently in service or active use. |
| INACTIVE | Tank is temporarily out of service, but is available for future service. |
| REMOVED | Tank was permanently taken out of service and removed, but the tank site was not "closed" in accordance with all current a |

**DOMAIN NAME** env - superfund site category

**DEFINITION** Indicates whether the site is owned by the federal government or is nonfederal (i.e., private, state, etc.).

| VALUE | DEFINITION |
|---|---|
| FEDERAL | federal government |
| LOCAL | local government |
| PRIVATE | private |
| STATE | state government |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - swm disposition

**DEFINITION** A descriptor indicating the disposition of the subject solid waste management item.

| VALUE | DEFINITION |
|---|---|
| ABANDONED | Abandoned, or not closed in accordance with the appropriate environmental regulations in effect at the time of abandonmen |
| ACTIVE | In active operation or use. |
| CLOSED | Closed in accordance with the appropriate environmental regulations in effect at the time of closure. |
| FUTURE | Area reserved for future construction or operation of subject item. |
| PROPOSED | Proposed for construction or operation (i.e., in planning, design, or construction phase). |

**DOMAIN NAME** env - toxicity

**DEFINITION** A descriptor for the toxic status of the pollution.

| VALUE | DEFINITION |
|---|---|
| CARCINOGENIC | A substance or agent producing or inciting cancer. |
| CHRONIC_ABS | Contaminant can exhibit chronic toxicity through skin absorption. |
| CHRONIC_CON | Contaminant can exhibit chronic toxicity through skin and/or eye contact. |
| CHRONIC_ING | Contaminant can exhibit chronic toxicity through ingestion. |
| CHRONIC_INH | Contaminant can exhibit chronic toxicity through inhalation. |
| CHRONICTOXICITY | Long term explosure can lead to illness or damage. |
| HIGHLYTOXIC | Highly toxic in more than one route of entry into the body. |
| HIGHLYTOXIC_ABS | Contaminant can be highly toxic through skin absorption. |
| HIGHLYTOXIC_CON | Contaminant can be highly toxic through skin and/or eye contact. |
| HIGHLYTOXIC_ING | Contaminant can be highly toxic through ingestion. |
| HIGHLYTOXIC_INH | Contaminant can be highly toxic through inhalation. |
| IDLH | Contaminants are present at or above the concentration considered to be immediately dangerous to life or health. |
| NONTOXIC | Nontoxic |
| RADANDNONDEADL | Low level radiation, non-deadly, but may lead to chronic illness or complications. |
| RADANDTOXIC | Radioactive and toxic |
| TBD | to be determined. |
| TOXIC_ABS | Contaminant can be toxic through skin absorption. |
| TOXIC_CON | Contaminant can be toxic through skin and/or eye contact. |
| TOXIC_ING | Contaminant can be toxic through ingestion. |
| TOXIC_INH | Contaminant can be toxic through inhalation. |
| UNKNOWN | Level of toxicity is currently unknown. |

# Environmental Hazards (domain values)

**DOMAIN NAME** env - violation severity

**DEFINITION** A descriptor indicating the severity of the pollution, or environmental law or regulation violation.

| VALUE | DEFINITION |
|---|---|
| EPI | Environmental Practice Issue. |
| MAJOR | Major violation of an environmental law or regulation which will result, or has resulted, in fines and/or civil penalties. |
| MEDIUM | Medium violation of an environmental law or regulation which could result in fines and/or civil penalties if not quickly res |
| MINOR | Minor violation of an environmental law or regulation which does not result in a fine and/or civil penalty. |
| TBD | to be determined. |
| UNKNOWN | Unknown as to what extent an environmental law or regulation has occurred. |

**DOMAIN NAME** env - weather description

**DEFINITION** Code representing the type of weather observed at the time of a sample collection, observation, etc.

| VALUE | DEFINITION |
|---|---|
| CLEAR | CLEAR |
| CLOUDY | CLOUDY |
| COLD | COLD |
| DRY | DRY |
| FOGGY | FOGGY |
| HAZY | HAZY |
| HOT | HOT |
| HUMID | HUMID |
| RAINY | RAINY |
| SLEET | SLEET |
| SNOWY | SNOWY |
| STORMY | STORMY |
| SUNNY | SUNNY |
| WINDY | WINDY |

**DOMAIN NAME** fuds - categorical exclusion

**DEFINITION** A descriptor indicating the categorical exclusion code for a formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| CEMETERY | Site is a cemetery or graveyard. |
| RECRUITING_STAT | Site was formerly an Army, Navy, or Air Force recruiting station. |
| USO_SITE | Site was formerly used as an USO site. |

# Environmental Hazards (domain values)

**DOMAIN NAME** fuds - cwm present

**DEFINITION** A descriptor indicating the presence or possibility of chemical warfare materials at the formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| N | Chemical Warfare (Surety) materiels are definitely not present. |
| P | Chemical Warfare (Surety) materiels are potentially present. |
| U | Unknown if Chemical Warfare (Surety) materiels are present. |
| Y | Chemical Warfare (Surety) materiels are definitely present. |

**DOMAIN NAME** fuds - former owner

**DEFINITION** A descriptor indicating the code for the DoD service which previously owned or used the formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| AIR_FORCE | Air Force |
| ARMY | Army |
| COAST_GUARD | Coast Guard |
| MARINE | Marine |
| NATIONAL_GUARD | National Guard. |
| NAVY | Navy |
| OTHER | Other category of former site owner. |
| RESERVE | Reserve. |
| TBD | To be determined/Site owner not known. |

**DOMAIN NAME** fuds - ineligibility

**DEFINITION** A descriptor indicating the site ineligibility code for a formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| ACTIVE_SITE | Site is an active DoD site. |
| CIVIL_WORKS | Site was an Army Corps of Engineers Civil Works site. |
| DUPLICATE | Site is a duplicate of another Formerly Used Defense Site. |
| NEGATIVE | Site was never used by the DoD. |
| NO_INFO | No information is available concerning the site. |
| OTHER | Site is an "other excluded site" and is not eligible for inclusion in the Formerly Used Defense Site Program. |

**DOMAIN NAME** fuds - inventory status

**DEFINITION** A descriptor for the status of the preliminary assessment & inventory project report for a formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| C | Site Assessment and signature/approval of the site Inventory Project Report has been completed. |

| | |
|---|---|
| F | Site Assessment and preparation of the site Inventory Project Report scheduled for a future date. |
| U | Accomplishment of the Site Assessment and preparation of the site Inventory Project Report is underway. |

**DOMAIN NAME** fuds - oew present

**DEFINITION** A descriptor indicating the presence or possibility of ordnance and explosive waste at the formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| N | Ordnance and Explosive Waste is definitely not present. |
| P | Ordnance and Explosive Waste is potentially present. |
| U | Unknown if Ordnance and Explosive Waste is present. |
| Y | Ordnance and Explosive Waste is definitely present. |

**DOMAIN NAME** fuds - site eligibility

**DEFINITION** Discriminator. Eligibility code for a formerly used defense site.

| VALUE | DEFINITION |
|---|---|
| C | Site has been categorically excluded from the Formerly Used Defense Site Program. |
| E | Site has been determined to be eligible for inclusion in the Formerly Used Defense Site Program and that zero, one, or mult |
| I | Site has been determined to be ineligible for inclusion in the Formerly Used Defense Site Program. |

**DOMAIN NAME** fuds - site owner

**DEFINITION** A descriptor indicating the code for the owner of the majority of the formerly used defense site, or area with the most hazards.

| VALUE | DEFINITION |
|---|---|
| CITY | City or municipal government. |
| COUNTY | County government. |
| FEDERAL_DOA | Federal government - Department of Agriculture. |
| FEDERAL_DOD | Federal government - Department of Defense |
| FEDERAL_DOE | Federal government - Department of Energy |
| FEDERAL_DOI | Federal government - Department of Interior |
| FEDERAL_DOL | Federal government - Department of Labor. |
| FEDERAL_DOT | Federal government - Department of Transportation. |
| FEDERAL_EPA | Federal government - Environmental Protection Agency |
| FEDERAL_GSA | Federal government - General Services Administration. |
| FEDERAL_OTHER | Federal government - Other. |
| FEDERAL_PS | Federal government - Postal Service. |
| NATIVE_CORP | Native Corporation (Native American Indian, Eskimo, etc.). |
| OTHER | Other category of site owner. |

| | |
|---|---|
| PRIVATE | Private individual, corporation, school, association or company. |
| STATE | State government. |
| TBD | To be determined/Site owner not known. |

**DOMAIN NAME** laboratory - code

**DEFINITION** An identification code of a laboratory.

| VALUE | DEFINITION |
|---|---|
| OTHER | Other, Not otherwise listed |
| TBD | To be determined |
| UNKNOWN | Unknown |

**DOMAIN NAME** material list - pipe

**DEFINITION** Allowable material values for pipe.

| VALUE | DEFINITION |
|---|---|
| ABS | acrylonitrile butadiene styrene |
| AL | Aluminum |
| ASBESTCEMENT | asbestos cement |
| BLACK_FE | black iron |
| BRICK | brick |
| CASTIRON | cast iron |
| CEMENT | cement |
| COATWRAPSTEL | coated and wrapped steel |
| CONCRETE | concrete |
| CORR_METAL | corrugated metal |
| CORR_STEEL | corrugated steel |
| CORRALBITMEN | corrugated Aluminum with bituminous coating |
| CORRALPAVINV | corrugated Aluminum with paved invert |
| CORRMETLBITM | corrugated metal with bituminous coating |
| CORRMETPAVIN | corrugated metal with paved invert |
| CORRSTELBITM | corrugated steel with bituminous coating |
| CORRSTELPAVI | corrugated steel with paved invert |
| CORRUGATEDAL | corrugated Aluminum |
| CRESOTEDWOOD | creosoted wood |
| CU | Copper |

# Environmental Hazards (domain values)

| | |
|---|---|
| DUCTILEFE | ductile iron |
| FIBER | fiber |
| FIBERGLASS | fiberglass |
| GALVANIZEDFE | galvanized iron |
| GALVNIZSTEEL | galvanized steel |
| GLASS | glass |
| HELIWOUND | helically wound |
| INSULATCONCR | insulating concrete |
| METAL | metal conduit |
| MULTIPLECLAY | multiple clay |
| MULTIPLETILE | multiple tile |
| OTHER | other |
| OTHERMASONRY | other |
| PLASTIC | plastic |
| POLYETHYLENE | polyethylene |
| POLYSTYRENE | polystyrene |
| PRECAST | precast |
| PRESTRESSED | prestressed |
| PVC | polyvinyl chloride |
| REINFORCONCR | reinforced concrete |
| REINFPLASMOR | reinforced plastic mortar |
| SINGLE_CLAY | single clay |
| SINGLE_TILE | single tile |
| STEEL | steel |
| STEEL_WRAPED | steel wrapped |
| STONE | stone |
| TBD | to be determined |
| TERRACOTTA | terra cotta |
| TILE_RESIN | tile resin |
| UNKNOWN | unknown |
| VITRIFIDCLAY | vitrified clay |
| WROUGHT_FE | wrought iron |

# Environmental Hazards (domain values)

**DOMAIN NAME** name list - authority

**DEFINITION** Organizations or agencies granting IR status.

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** name list - corps foa

**DEFINITION** Army Corps of Engineers Field Organization Activity (i.e., Division and District offices).

| VALUE | DEFINITION |
|---|---|
| HND | Huntsville Division |
| LMK | Vicksburg District |
| LMM | Memphis District |
| LMN | New Orleans District |
| LMS | St. Louis District |
| LMV | Lower Mississippi Valley Division |
| MRD | Missouri River Division |
| MRK | Kansas City District |
| MRO | Omaha District |
| NAB | Baltimore District |
| NAD | North Atlantic Division |
| NAN | New York District |
| NAO | Norfolk District |
| NCB | Buffalo District |
| NCC | Chicago District |
| NCD | North Central Division |
| NCE | Detroit District |
| NCR | Rock Island District |
| NCS | St. Paul District |
| NED | New England Division |
| NPA | North Alaska District |
| NPD | North Pacific Division |
| NPP | Portland District |
| NPS | Seattle District |

| | |
|---|---|
| NPW | Walla Walla District |
| ORD | Ohio River Division |
| ORH | Huntington District |
| ORL | Louisville District |
| ORN | Nashville District |
| POD | Pacific Ocean Division |
| SAC | Charleston District |
| SAD | South Atlantic Division |
| SAJ | Jacksonville District |
| SAM | Mobile District |
| SAS | Savannah District |
| SAW | Wilmington District |
| SPD | South Pacific Division |
| SPK | Sacramento District |
| SPL | Los Angeles District |
| SWA | Albuquerque District |
| SWD | Southwestern Division |
| SWF | Fort Worth District |
| SWG | Galveston District |
| SWL | Little Rock District |
| SWT | Tulsa District |

**DOMAIN NAME** name list - owner

**DEFINITION** Allowable input values for an owner name

| VALUE | DEFINITION |
|---|---|
| BCE | Base Civil Engineer |
| DPWE | Directorate of Public Works and Environement |
| GA_P | Georgia Power |
| MISS_P_L | Mississippi Power and Light |
| OTHER | other |
| TBD | to be determined |
| UNKNOWN | unknown |

# Environmental Hazards (domain values)

**DOMAIN NAME** name list - owner organization

**DEFINITION** The organization, institution, branch of service, etc. of which the owner is associated.

| VALUE | DEFINITION |
|---|---|
| AIR_FORCE | U.S. Air Force |
| ARMY | U.S. Army |
| COAST_GUARD | U.S. Coast Guard |
| FAA | Federal Aviation Administration |
| FEMA | U.S. Federal Emergency Management Agency |
| FMHA | U.S. Department of Agriculture Farmers Home Administration |
| MARINES | U.S. Marine Corps |
| NAVY | U.S. Navy |
| USACE | U.S. Army Corps of Engineers |

**DOMAIN NAME** soil - ASTM soil class code

**DEFINITION** Code representing the American Society of Testing and Materials (ASTM) classification of the soil.

| VALUE | DEFINITION |
|---|---|
| CH | Inorganic clays of high plasticity, fat clays. |
| CHCL | Combination of ASTM codes CH and CL |
| CHGC | Combination of ASTM codes CH and GC |
| CHGM | Combination of ASTM codes CH and GM |
| CHGP | Combination of ASTM codes CH and GP |
| CHGW | Combination of ASTM codes CH and GW |
| CHMH | Combination of ASTM codes CH and MH |
| CHML | Combination of ASTM codes CH and ML |
| CHOH | Combination of ASTM codes CH and OH |
| CHOL | Combination of ASTM codes CH and OL |
| CHPT | Combination of ASTM codes CH and PT |
| CHSC | Combination of ASTM codes CH and SC |
| CHSM | Combination of ASTM codes CH and SM |
| CHSP | Combination of ASTM codes CH and SP |
| CHSW | Combination of ASTM codes CH and SW |
| CL | Inorganic clays or low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays. |
| CLCH | Combination of ASTM codes CL and CH |

| | |
|---|---|
| CLGC | Combination of ASTM codes CL and GC |
| CLGM | Combination of ASTM codes CL and GM |
| CLGP | Combination of ASTM codes CL and GP |
| CLGW | Combination of ASTM codes CL and GW |
| CLMH | Combination of ASTM codes CL and MH |
| CLML | Combination of ASTM codes CL and ML |
| CLOH | Combination of ASTM codes CL and OH |
| CLOL | Combination of ASTM codes CL and OL |
| CLPT | Combination of ASTM codes CL and PT |
| CLSC | Combination of ASTM codes CL and SC |
| CLSM | Combination of ASTM codes CL and SM |
| CLSP | Combination of ASTM codes CL and SP |
| CLSW | Combination of ASTM codes CL and SW |
| CM | Consolidated Material |
| GC | Clayey gravels, poorly graded gravel-sand-clay mixtures. |
| GCCH | Combination of ASTM codes GC and CH |
| GCCL | Combination of ASTM codes GC and CL |
| GCGM | Combination of ASTM codes GC and GM |
| GCGP | Combination of ASTM codes GC and GP |
| GCGW | Combination of ASTM codes GC and GW |
| GCMH | Combination of ASTM codes GC and MH |
| GCML | Combination of ASTM codes GC and ML |
| GCOH | Combination of ASTM codes GC and OH |
| GCOL | Combination of ASTM codes GC and OL |
| GCPT | Combination of ASTM codes GC and PT |
| GCSC | Combination of ASTM codes GC and SC |
| GCSM | Combination of ASTM codes GC and SM |
| GCSP | Combination of ASTM codes GC and SP |
| GCSW | Combination of ASTM codes GC and SW |
| GM | Silty gravels, poorly graded gravel-sand-silt mixt |
| GMCH | Combination of ASTM codes GM and CH |
| GMCL | Combination of ASTM codes GM and CL |
| GMGC | Combination of ASTM codes GM and GC |

| | |
|---|---|
| GMGP | Combination of ASTM codes GM and GP |
| GMGW | Combination of ASTM codes GM and GW |
| GMMH | Combination of ASTM codes GM and MH |
| GMML | Combination of ASTM codes GM and ML |
| GMOH | Combination of ASTM codes GM and OH |
| GMOL | Combination of ASTM codes GM and OL |
| GMPT | Combination of ASTM codes GM and PT |
| GMSC | Combination of ASTM codes GM and SC |
| GMSM | Combination of ASTM codes GM and SM |
| GMSP | Combination of ASTM codes GM and SP |
| GMSW | Combination of ASTM codes GM and SW |
| GP | Poorly graded gravels, gravel-sand mixtures; little or no fines. |
| GPCH | Combination of ASTM codes GP and CH |
| GPCL | Combination of ASTM codes GP and CL |
| GPGC | Combination of ASTM codes GP and GC |
| GPGM | Combination of ASTM codes GP and GM |
| GPGW | Combination of ASTM codes GP and GW |
| GPMH | Combination of ASTM codes GP and MH |
| GPML | Combination of ASTM codes GP and ML |
| GPOH | Combination of ASTM codes GP and OH |
| GPOL | Combination of ASTM codes GP and OL |
| GPPT | Combination of ASTM codes GP and PT |
| GPSC | Combination of ASTM codes GP and SC |
| GPSM | Combination of ASTM codes GP and SM |
| GPSP | Combination of ASTM codes GP and SP |
| GPSW | Combination of ASTM codes GP and SW |
| GW | Well graded gravels, gravel-sand mixtures; little or no fines. |
| GWCH | Combination of ASTM codes GW and CH |
| GWCL | Combination of ASTM codes GW and CL |
| GWGC | Combination of ASTM codes GW and GC |
| GWGM | Combination of ASTM codes GW and GM |
| GWGP | Combination of ASTM codes GW and GP |
| GWMH | Combination of ASTM codes GW and MH |

| | |
|---|---|
| GWML | Combination of ASTM codes GW and ML |
| GWOH | Combination of ASTM codes GW and OH |
| GWOL | Combination of ASTM codes GW and OL |
| GWPT | Combination of ASTM codes GW and PT |
| GWSC | Combination of ASTM codes GW and SC |
| GWSM | Combination of ASTM codes GW and SM |
| GWSP | Combination of ASTM codes GW and SP |
| GWSW | Combination of ASTM codes GW and SW |
| MH | Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts. |
| MHCH | Combination of ASTM codes MH and CH |
| MHCL | Combination of ASTM codes MH and CL |
| MHGC | Combination of ASTM codes MH and GC |
| MHGM | Combination of ASTM codes MH and GM |
| MHGP | Combination of ASTM codes MH and GP |
| MHGW | Combination of ASTM codes MH and GW |
| MHML | Combination of ASTM codes MH and ML |
| MHOH | Combination of ASTM codes MH and OH |
| MHOL | Combination of ASTM codes MH and OL |
| MHPT | Combination of ASTM codes MH and PT |
| MHSC | Combination of ASTM codes MH and SC |
| MHSM | Combination of ASTM codes MH and SM |
| MHSP | Combination of ASTM codes MH and SP |
| MHSW | Combination of ASTM codes MH and SW |
| ML | Inorganic silts and very fine sands, rock flour, ssilty or clayey fine sands with slight plasticity. |
| MLCH | Combination of ASTM codes ML and CH |
| MLCL | Combination of ASTM codes ML and CL |
| MLGC | Combination of ASTM codes ML and GC |
| MLGM | Combination of ASTM codes ML and GM |
| MLGP | Combination of ASTM codes ML and GP |
| MLGW | Combination of ASTM codes ML and GW |
| MLMH | Combination of ASTM codes ML and MH |
| MLOH | Combination of ASTM codes ML and OH |
| MLOL | Combination of ASTM codes ML and OL |

| | |
|---|---|
| MLPT | Combination of ASTM codes ML and PT |
| MLSC | Combination of ASTM codes ML and SC |
| MLSM | Combination of ASTM codes ML and SM |
| MLSP | Combination of ASTM codes ML and SP |
| MLSW | Combination of ASTM codes ML and SW |
| NA | not applicable |
| NACM | Not Applicable; Consolidated Material |
| NDPS | No Description Provided, Problems in Sampling |
| NSNR | No Sample or No Recovery Obtained |
| OH | Organic clays of medium to high plasticity. |
| OHCH | Combination of ASTM codes OH and CH |
| OHCL | Combination of ASTM codes OH and CL |
| OHGC | Combination of ASTM codes OH and GC |
| OHGM | Combination of ASTM codes OH and GM |
| OHGP | Combination of ASTM codes OH and GP |
| OHGW | Combination of ASTM codes OH and GW |
| OHMH | Combination of ASTM codes OH and MH |
| OHML | Combination of ASTM codes OH and ML |
| OHOL | Combination of ASTM codes OH and OL |
| OHPT | Combination of ASTM codes OH and PT |
| OHSC | Combination of ASTM codes OH and SC |
| OHSM | Combination of ASTM codes OH and SM |
| OHSP | Combination of ASTM codes OH and SP |
| OHSW | Combination of ASTM codes OH and SW |
| OL | Organic silts and organic silt-clays of low plasticity. |
| OLCH | Combination of ASTM codes OL and CH |
| OLCL | Combination of ASTM codes OL and CL |
| OLGC | Combination of ASTM codes OL and GC |
| OLGM | Combination of ASTM codes OL and GM |
| OLGP | Combination of ASTM codes OL and GP |
| OLGW | Combination of ASTM codes OL and GW |
| OLMH | Combination of ASTM codes OL and MH |
| OLML | Combination of ASTM codes OL and ML |

| | |
|---|---|
| OLOH | Combination of ASTM codes OL and OH |
| OLPT | Combination of ASTM codes OL and PT |
| OLSC | Combination of ASTM codes OL and SC |
| OLSM | Combination of ASTM codes OL and SM |
| OLSP | Combination of ASTM codes OL and SP |
| OLSW | Combination of ASTM codes OL and SW |
| PT | Peat and other highly organic soils. |
| PTCH | Combination of ASTM codes PT and CH |
| PTCL | Combination of ASTM codes PT and CL |
| PTGC | Combination of ASTM codes PT and GC |
| PTGM | Combination of ASTM codes PT and GM |
| PTGP | Combination of ASTM codes PT and GP |
| PTGW | Combination of ASTM codes PT and GW |
| PTMH | Combination of ASTM codes PT and MH |
| PTML | Combination of ASTM codes PT and ML |
| PTOH | Combination of ASTM codes PT and OH |
| PTOL | Combination of ASTM codes PT and OL |
| PTSC | Combination of ASTM codes PT and SC |
| PTSM | Combination of ASTM codes PT and SM |
| PTSP | Combination of ASTM codes PT and SP |
| PTSW | Combination of ASTM codes PT and SW |
| SC | Clayey sands, poorly graded sand-clay mixtures. |
| SCCH | Combination of ASTM codes SC and CH |
| SCCL | Combination of ASTM codes SC and CL |
| SCGC | Combination of ASTM codes SC and GC |
| SCGM | Combination of ASTM codes SC and GM |
| SCGP | Combination of ASTM codes SC and GP |
| SCGW | Combination of ASTM codes SC and GW |
| SCMH | Combination of ASTM codes SC and MH |
| SCML | Combination of ASTM codes SC and ML |
| SCOH | Combination of ASTM codes SC and OH |
| SCOL | Combination of ASTM codes SC and OL |
| SCPT | Combination of ASTM codes SC and PT |

| | |
|---|---|
| SCSM | Combination of ASTM codes SC and SM |
| SCSP | Combination of ASTM codes SC and SP |
| SCSW | Combination of ASTM codes SC and SW |
| SM | Silty sands, poorly graded sand-silt mixtures. |
| SMCH | Combination of ASTM codes SM and CH |
| SMCL | Combination of ASTM codes SM and CL |
| SMGC | Combination of ASTM codes SM and GC |
| SMGM | Combination of ASTM codes SM and GM |
| SMGP | Combination of ASTM codes SM and GP |
| SMGW | Combination of ASTM codes SM and GW |
| SMMH | Combination of ASTM codes SM and MH |
| SMML | Combination of ASTM codes SM and ML |
| SMOH | Combination of ASTM codes SM and OH |
| SMOL | Combination of ASTM codes SM and OL |
| SMPT | Combination of ASTM codes SM and PT |
| SMSC | Combination of ASTM codes SM and SC |
| SMSP | Combination of ASTM codes SM and SP |
| SMSW | Combination of ASTM codes SM and SW |
| SP | Poorly graded sands, gravelly sands; little or no fines. |
| SPCH | Combination of ASTM codes SP and CH |
| SPCL | Combination of ASTM codes SP and CL |
| SPGC | Combination of ASTM codes SP and GC |
| SPGM | Combination of ASTM codes SP and GM |
| SPGP | Combination of ASTM codes SP and GP |
| SPGW | Combination of ASTM codes SP and GW |
| SPMH | Combination of ASTM codes SP and MH |
| SPML | Combination of ASTM codes SP and ML |
| SPOH | Combination of ASTM codes SP and OH |
| SPOL | Combination of ASTM codes SP and OL |
| SPPT | Combination of ASTM codes SP and PT |
| SPSC | Combination of ASTM codes SP and SC |
| SPSM | Combination of ASTM codes SP and SM |
| SPSW | Combination of ASTM codes SP and SW |

| | |
|---|---|
| SW | Well graded sands, gravelly sands; little or no fines. |
| SWCH | Combination of ASTM codes SW and CH |
| SWCL | Combination of ASTM codes SW and CL |
| SWGC | Combination of ASTM codes SW and GC |
| SWGM | Combination of ASTM codes SW and GM |
| SWGP | Combination of ASTM codes SW and GP |
| SWGW | Combination of ASTM codes SW and GW |
| SWMH | Combination of ASTM codes SW and MH |
| SWML | Combination of ASTM codes SW and ML |
| SWOH | Combination of ASTM codes SW and OH |
| SWOL | Combination of ASTM codes SW and OL |
| SWPT | Combination of ASTM codes SW and PT |
| SWSC | Combination of ASTM codes SW and SC |
| SWSM | Combination of ASTM codes SW and SM |
| SWSP | Combination of ASTM codes SW and SP |

**DOMAIN NAME** soils - drainage

**DEFINITION** Drainage categories of soils.

| VALUE | DEFINITION |
|---|---|
| EXCESSIVE | excessively drained |
| MODERATE | moderately well drained |
| POORLY | poorly drained |
| SOME_EXCESSIVE | somewhat excessively drained |
| SOME_POORLY | somewhat poorly drained |
| TBD | to be determined |
| UNKNOWN | unknown |
| VERY_POORLY | very poorly drained |
| WELL_DRAINED | well drained |

**DOMAIN NAME** soils - texture

**DEFINITION** Soil texture and composition.

| VALUE | DEFINITION |
|---|---|
| BOLDGRAVEL | boulder gravel |
| CLAY | clay |

# Environmental Hazards (domain values)

| | |
|---|---|
| CLAYLOAM | clay loam |
| COARSANDYLOM | course sandy loam |
| COARSESAND | coarse sand |
| COARSESILT | coarse silt |
| CORSCOBLGRAV | coarse cobble gravel |
| CORSPBLGRAVL | coarse pebble gravel |
| FINCOBLGRAV | fine cobble gravel |
| FINEPBLGRAVL | fine pebble gravel |
| FINESAND | fine sand |
| FINESANDYLOM | fine sandy loam |
| FINESILT | fine silt |
| GRAVEL | gravel |
| LOAM | loam |
| LOAMCOARSAND | loamy course sand |
| LOAMFINESAND | loamy fine sand |
| MEDCOBLGRAVL | medium cobble gravel |
| MEDIUMSAND | medium sand |
| MEDIUMSILT | medium silt |
| MEDPEBLGRAVL | medium pebble gravel |
| OTHER | other |
| PERMAFROST | permafrost |
| SANDYCLAY | sandy clay |
| SANDYCLAYLOM | sandy clay loam |
| SANDYLOAM | sandy loam |
| SILTYCLAY | silty clay |
| SILTYLOAM | silty loam |
| SLITYCLAYLOM | silty clay loam |
| STONES | stones |
| TBD | to be determined |
| UNKNOWN | unknown |
| VERYCOARSAND | very coarse sand |
| VERYFINESAND | very fine sand |
| VERYFINESILT | very fine silt |

| | |
|---|---|
| VRYCRSPBGRVL | very coarse pebble gravel |
| VRYFINPBLGRV | very fine pebble gravel |
| VRYFINSANLOM | very fine sandy loam |

**DOMAIN NAME** source list - data

**DEFINITION** Allowable input values for data sources

| VALUE | DEFINITION |
|---|---|
| 100S_BIM_MAP | 100 scale BIM map |
| 100S_USAIC | 100 scale USAIC outside plant phone map |
| 200S_BIM_MAP | 200 scale BIM map |
| 400S_AFLD | 400 scale BIM airfield map |
| 400S_BIM_MAP | 400 scale BIM map |
| 400S_CABLETV | 400 scale BIM cable tv map |
| 400S_ELECT | 400 scale BIM electric map |
| 400S_GAS | 400 scale BIM gas map |
| 400S_HEATING | 400 scale BIM heating map |
| 400S_LIGHT | 400 scale BIM lighting map |
| 400S_POLE | 400 scale BIM pole map |
| 400S_RESERV | 400 scale BIM reservation map |
| 400S_ROAD/RR | 400 scale BIM road/railroad map |
| 400S_SANITARY | 400 scale BIM sanitary map |
| 400S_SITE | 400 scale BIM site map |
| 400S_STM_DRN | 400 scale BIM storm drainage map |
| 400S_TELE | 400 scale BIM telephone map |
| 400S_TREE | 400 scale BIM tree map |
| 400S_UTILITY | 400 scale BIM utility map |
| 400S_WATER | 400 scale BIM water map |
| 40S_SURVEY | 40 scale survey |
| 40S_TOPO | 40 scale topographic series map |
| 50S_AERIAL | 50 scale aerial photography |
| AB_FLDLOC | as-built drawing/field location survey |
| ADDED | added by installation during review process |
| AER/FLD_SURVEY | aerial photography/field location survey |
| AER_PHOTO | aerial photography |

# Environmental Hazards (domain values)

| | |
|---|---|
| ANALYTICAL | analytical model |
| ARC_VECTOR | Arc vector coverage data |
| AS_BUILT | as-built drawings |
| ASBUILT_DWG | as-built drawing/shop |
| CAN/FLEIS_ANAL | Candueb Fleissig storm drainage system analysis |
| CONTRACT | contractor |
| DMA_DCW | DMA Digital Chart of the World (DCW) data |
| EMCS_XMISSION | EMCS transmission line location plan |
| ETAK | ETAK data |
| FLDLOC_SURVEY | field location survey |
| GPS_FLDLOC | input from GPS, field located and verified |
| GRASS | GRASS data |
| GRND_PHOTO | ground photography |
| HAND_DRAFT | hand-drafted map |
| HARD_MAP | windshield survey or hardcopy map |
| LT100S_MAP | <100 scale map |
| MAP_TAB | map tab series |
| MAPTAB_FLDLOC | map tab series/field location survey |
| MGA_ANAL | MGA analysis data |
| MGGA | MGGA data |
| NEW_AER_PHOTO | located on new aerial photos, measuring existing objects |
| OTHER | other |
| OTHER_DWG | other drawings/data history file |
| OTHER_MAP | other maps |
| PLNS/AERIALS | plans and aerials |
| POLE_INV | pole inventory |
| RECORD_DWG | record drawing |
| SATELLITE | satellite imagery |
| SCANNED_REG | scanned/registered data |
| SCANNED_VCT | scanned/vectorized data |
| SCS_20000_SOILS | SCS 1:20000 Soils map |
| SHOP/SURVEY | shops and survey |
| SHOP_DWG | shop drawings and shop notes |

| | |
|---|---|
| SHPS/AERIALS | shops and aerials |
| TBD | to be determined |
| TIGER_DIME | Census Bureau TIGER/DIME data |
| TIN/GRD | TIN/GRD data |
| UNKNOWN | unknown |
| USGS/DMA | USGS/DMA DEM/DTED data |
| USGS_100000 | USGS 1:100000 map |
| USGS_24000 | USGS 1:24000 map |
| USGS_250000 | USGS 1:250000 map |
| USGS_62500 | USGS 1:62500 map |
| USGS_DLG | USGS DLG data |
| USGS_OTHER | USGS other map |
| WIMS | Work Information Management System (WIMS) |
| WINDS_SURVEY | windshield survey only |

**DOMAIN NAME** status list - owner

**DEFINITION** Allowable input values for the owner status

| VALUE | DEFINITION |
|---|---|
| LEASED | leased |
| NA | not applicable |
| OCCUPIED | occupied |
| OTHER | other |
| OWNED | owned |
| RENTED | rented |
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** structure - condition

**DEFINITION** Structural condition and state of repair of a building/structure.

| VALUE | DEFINITION |
|---|---|
| BOARDEDUP | boarded up |
| BROKENNOUSE | broken and unusable |
| BURNTNOUSE | burnt and not useable |
| BURNTUSEABLE | burnt but useable |

## Environmental Hazards (domain values)

| | |
|---|---|
| CONDEMNED | condemned |
| CRACKED | cracked |
| DAMAGED | damaged |
| DAMAGEHEVUSE | heavily damage, but useable |
| DAMAGELITUSE | light damage, but useable |
| DAMAGEMODUSE | moderate damage, but useable |
| DAMAGHEVNO | heavy damage, and unusable |
| DAMAGLITNO | light damage, and unusable |
| DAMAGMODNO | moderate damage, and unusable |
| DANGEROUS | dangerous to use |
| GOODNOTNEW | good, but not new |
| HABITABLE | habitable |
| HABITABLENO | not habitable |
| MINORUSE | minor use |
| NEWLYBUILT | newly built |
| NEWUNFINISH | newly built, but not yet finished |
| NOTRESPASSNG | no trespassing |
| POOR | poor |
| QUARANTINED | quarantined |
| RADIOACTIVE | radioactive |
| TBD | to be determined |
| UNKNOWN | unknown |
| USEABLE | useable |
| USEABLENO | not useable |

**DOMAIN NAME** system list - tank

**DEFINITION** Allowable input values for a system list of tank uses

| **VALUE** | **DEFINITION** |
|---|---|
| FUEL | A tank for fuel |
| GAS | A tank for gax |
| OTHER | A tank for other than fuel,. gas, water, or wastewater |
| WASTEWATER | A tank for wastewater |
| WATER | A tank for water |

# Environmental Hazards (domain values)

**DOMAIN NAME** type list - owner

**DEFINITION** Allowable input values for types of owners

| VALUE | DEFINITION |
|---|---|
| CABLETV | cable television company |
| CINEMA | motion picture company |
| COMMERCIAL | commercial |
| COMPOSTGOVRN | composting company - government |
| COMPOSTPRIVT | composting company - private |
| DISPOSALGOVR | disposal company - government |
| DISPOSALPRIV | disposal company - private |
| ELECTRIC | electric company |
| FUEL | fuel company |
| GOV_CITY | government - city |
| GOV_COUNTY | government - county |
| GOV_FEDERAL | government - federal |
| GOV_PARISH | government - parish |
| GOV_STATE | government - state |
| NATGAS | natural gas company |
| OTHER | other |
| PRIVATECOMP | private company |
| PRIVATEINDIV | private individual |
| RADIO | radio company |
| RADIO_TV | radio/television company |
| RECYCLEGOVRN | recycling plant - government |
| RECYCLEPRIVT | recycling plant - private |
| TBD | to be determined |
| TELEPHONE | telephone company |
| TELEVISION | television company |
| UNKNOWN | unknown |
| WASTEWATER | waste water company |
| WATER | water company |

# Environmental Hazards (domain values)

**DOMAIN NAME** type list - soils

**DEFINITION** SCS map unit symbology

| VALUE | DEFINITION |
|---|---|
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** type list-pipe material standard

**DEFINITION** A descriptor indicating the industry or federal pipe material standard.

| VALUE | DEFINITION |
|---|---|
| ASTM_D_1785 | American Society of Testing and Materials Standard number D 1785 for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedu |
| ASTM_D_2241 | American Society of Testing and Materials Standard number D 2241 for Polyvinylchloride (PVC) Plastic Pipe, (SDR-PR). |
| ASTM_D_2665 | American Society of Testing and Materials Standard number D 2665 for Poly (Vinyl Chloride) (PVC) Plastic Drain, Wast |
| ASTM_D_2666 | American Society of Testing and Materials Standard number D 2666 Polybutylene (PB) Plastic Tubing. |
| ASTM_D_2672 | American Society of Testing and Materials Standard number D 2672 for Bell-End Poly (Vinyl Chloride) (PVC) Pipe. |
| ASTM_D_2729 | American Society of Testing and Materials Standard number D 2729 for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fitti |
| ASTM_D_2740 | American Society of Testing and Materials Standard number D 2740 for Poly (Vinyl Chloride) (PVC) Plastic Tubing. |
| ASTM_D_3033 | American Society of Testing and Materials Standard number D 3033 for Type PSP Poly (Vinyl Chloride) (PVC) Sewer Pi |
| ASTM_D_3034 | American Society of Testing and Materials Standard number D 3034 for Type PSM Poly (Vinyl Chloride) (PVC) Sewer P |
| AWWA_C_115 | American Waterworks Association Standard number C 115 for Flanged Cast-Iron and Ductile-Iron Pipe with Threaded Fl |
| AWWA_C_151 | American Waterworks Association Standard number C 151 for Ductile-Iron Pipe, Centrifugally Cast in Metal Molds or Sa |
| AWWA_C_900 | American Waterworks Association Standard number C 900 for Poly (Vinyl Chloride) (PVC) Pressure Pipe 4-in through 1 |
| AWWA_C_901 | American Waterworks Association Standard number C 901 for Polyethylene (PE) Tubing. |
| UNKNOWN | Unknown |

**DOMAIN NAME** unit of measure - angular

**DEFINITION** Angular units of measure.

| VALUE | DEFINITION |
|---|---|
| ARCSEC | arc seconds |
| DDMMSS | degrees:minutes:seconds |
| DEG | degrees |
| GRADE | grades |
| MICRORAD | microradians |
| MILLIRAD | milliradians |
| MINUTES | minutes |

| | |
|---|---|
| OTHER | other |
| PCT | percent |
| RAD | radians |
| SEC | seconds |
| STERAD | steradians |
| TBD | to be determined |
| UNKNOWN | unknown |

**DOMAIN NAME** unit of measure - area

**DEFINITION** Area units of measure.

| VALUE | DEFINITION |
|---|---|
| ACRES | acres - 43,560 sq. feet |
| ARES | ares - 1 sq. dekameter |
| CM2 | square centimeters - 0.115 sq. inches |
| DA | deciares - 11.96 sq. yards |
| DM2 | square decimeters - 15.5 sq. inches |
| HA | hectares - 2.471044 acres |
| KM2 | square kilometers - .3861006 sq. miles |
| M2 | square meters - 10.76387 sq. feet - 1 centare |
| MI2 | square miles - 640 acres |
| MM2 | square millimeters - 0.00155 sq. inches |
| OTHER | other |
| RDS | square rods - 30.25 sq. yards |
| SF | square feet - 144 sq. inches |
| SI | square inches - 6.4516258 sq. cm. |
| SQCH | square chains (Surveyor) - 4356 sq. feet - 16 sq. rods |
| TBD | to be determined |
| UNKNOWN | unknown |
| YD2 | square yard - 0.83613 sq. meters |

**DOMAIN NAME** unit of measure - density/conc

**DEFINITION** Concentrations or volume contents

| VALUE | DEFINITION |
|---|---|
| AQLFPFT3 | aquatic life per cubic foot |

| | |
|---|---|
| AQLFPIN3 | aquatic life per cubic inch |
| AQLFPM3 | aquatic life per cubic meter |
| AQLFPMI3 | aquatic life per cubic mile |
| AQLFPYD3 | aquatic life per cubic yard |
| ARTIFACTPM3 | artifacts per cubic meter |
| ARTIFACTPYD3 | artifacts per cubic yard |
| F_CC | fibers per cubic centimeter (air - asbestos) |
| GMP100CC | grams per 100cc |
| MGL | milligrams per liter |
| OZPM3 | ounces per cubic meter |
| OZPTON | ounces per ton |
| OZPYD3 | ounces per cubic yard |
| PPB | parts per billion |
| PPFT3 | pounds per cubic foot |
| PPM | parts per million |
| PPM3 | pounds per cubic meter |
| PPT | parts per trillion |
| PPTH | parts per thousand |
| PPYD3 | pounds per cubic yard |
| TBD | to be determined |
| UNITPFT3 | units per cubic foot |
| UNITPM3 | units per cubic meter |
| UNITPYD3 | units per cubic yard |

**DOMAIN NAME** unit of measure - frequency

**DEFINITION** Frequency measurements.

| VALUE | DEFINITION |
|---|---|
| HZ | cycles per second |
| KHZ | thousands of cycles per second |
| MHZ | millions of cycles per second |
| TBD | to be determined |
| UNKNOWN | unknown |

# Environmental Hazards (domain values)

**DOMAIN NAME** unit of measure - length

**DEFINITION** Length units of measure.

| VALUE | DEFINITION |
|---|---|
| CABLN | cable lengths - 720 feet |
| CH | chains - 66 feet or 100 links (Gunter) |
| CM | centimeters |
| EM | ems - 0.166667 inches |
| EN | ens - 0.083333 inches |
| FATHOM | fathoms - 6 feet |
| FT | feet - 0.3048006 meters |
| FURLONG | furlongs - 0.125 miles or 40 rods (Gunter) |
| HAND | hands - 4 inches, 10.160 centimeters |
| IN | inches - 0.126263 links (Gunter)or 2.54 centimeters |
| KM | kilometers - 0.53961 miles or 3280.8 feet |
| LEAGUE | league - 3 statute miles or 4.8280 kilometers |
| LINK | links - 7.92 inches or 0.04 rods (Gunter) |
| M | meters - 1.093614 yards or 39.3701 inches |
| MI | miles - 80 chains (Gunter) or 320 rods |
| MIL | mils - 0.001 inches |
| MINLAT | minutes of latitude |
| MM | millimeters - 0.03937 inches |
| MYM | myriameters - 6.21372 miles |
| NLEAGUE | nautical leagues - 3 nautical miles or 5.5597 kilometers |
| NM | nautical miles - 1.1516 statute miles |
| OTHER | other |
| PICA | picas - 0.166666 inches or 12 points |
| POINT | point - 0.1384 inches |
| RD | rods - 0.25 chains (Gunter) or 5.5 yards |
| TBD | to be determined |
| UM | micrometers - 0.00003937 inches |

**DOMAIN NAME** unit of measure - rate

**DEFINITION** Rate units of measure.

| VALUE | DEFINITION |
|---|---|
| BOILER_HP | boiler horsepower, 33,520 BTU per hour, measure of heating ability |
| BTU_HR | British thermal units per hour |
| BTU_MIN | British thermal units per minute |
| BTU_SEC | British thermal units per sec |
| C_HR | degrees Celsius per hour |
| C_MIN | degrees Celcius per minute |
| C_SEC | degrees Celsius per second |
| CC_HR | cubic centimeters per hour |
| CC_MIN | cubic centimeters per minute |
| CC_SEC | cubic centimeters per second |
| CF_HR | cubic feet per hour |
| CF_MIN | cubic feet per minute |
| CF_SEC | cubic feet per second |
| CI_HR | cubic inches per hour |
| CI_MIN | cubic inches per minute |
| CI_SEC | cubic inches per second |
| CM_DA | centimeters per day |
| CM_HR | centimeters per hour |
| CM_YR | centimeters per year |
| F_HR | degrees Fahrenheit per hour |
| F_MIN | degrees Fahrenheit per minute |
| F_SEC | degrees Fahrenheit per second |
| FT_DAY | feet per day |
| FT_HR | feet per hour |
| FT_MIN | feet per minute |
| FT_MO | feet per month |
| FT_SEC | feet per second |
| FT_WK | feet per week |
| FT_YR | feet per year |
| G_CC | grams per cubic centimeter |

| | |
|---|---|
| G_HR | grams per hour |
| G_L | grams per liter |
| G_MIN | grams per minute |
| G_SEC | grams per second |
| GPD | gallons per day |
| GPH | gallons per hour |
| GPM | gallons per minute |
| GPS | gallons per second |
| IN_DAY | inches per day |
| IN_HG | inches of mercury |
| IN_HR | inches per hour |
| IN_MIN | inches per minute |
| IN_MO | inches per month |
| IN_SEC | inches per second |
| IN_WK | inches per week |
| IN_YR | inches per year |
| K_HR | degrees Kelvin per hour |
| K_MIN | degrees Kelvin per minute |
| K_SEC | degrees Kelvin per second |
| KG_HR | kilograms per hour |
| KG_MIN | kilograms per minute |
| KG_SEC | kilograms per second |
| KM_HR | kilometers per hour |
| KNOT | knots |
| L_HR | liters per hour |
| L_MIN | liters per minute |
| L_SEC | liters per second |
| LB_DAY | pounds per day |
| LB_HR | pounds per hour |
| LB_MIN | pounds per minute |
| LB_MONTH | pounds per month |
| LB_SEC | pounds per second |
| LB_WK | pounds per week |

| | |
|---|---|
| LB_YR | pounds per year |
| M_HR | meters per hour |
| M_MIN | meters per minute |
| M_SEC | meters per second |
| M3_HR | cubic meters per hour |
| M3_MIN | cubic meters per minute |
| M3_SEC | cubic meters per second |
| MACH | mach (speed of sound) |
| MGAL_DAY | million gallons per day |
| MPH | miles per hour |
| OTHER | other |
| PSI | pounds per square inch |
| TBD | to be determined |
| TIMES_DAY | times per day |
| TIMES_HR | times per hour |
| TIMES_MIN | times per minute |
| TIMES_MO | times per month |
| TIMES_SEC | times per second |
| TIMES_WK | times per week |
| TIMES_YR | times per year |
| TNSH_DAY | tons (short) per day |
| TNSH_HR | tons (short) per hour |
| TNSH_MIN | tons (short) per minute |
| TNSH_MO | tons (short) per month |
| TNSH_SEC | tons (short) per second |
| TNSH_WK | tons (short) per week |
| TNSH_YEAR | tons (short) per year |
| TONS | 12,000 BTU per hour, measure of cooling ability |
| UNKNOWN | unknown |

**DOMAIN NAME** unit of measure - time

**DEFINITION** Time units of measure.

| VALUE | DEFINITION |
|---|---|
| BILNYEARS | billion years |

| | |
|---|---|
| DAYS | tropical, mean solar day |
| DAYSD | sidereal days |
| EPOCHS | epochs |
| ERAS | eras |
| HHMMSS | hours,minutes,seconds |
| HNDTHYEARS | hundred thousand years |
| HOURS | tropical, mean solar hours |
| HOURSD | sidereal hours |
| MICROSEC | tropical, mean solar microseconds |
| MILLISEC | tropical, mean solar milliseconds |
| MILNYEARS | million years |
| MINUTES | tropical, mean solar minute |
| MINUTESD | sidereal minutes |
| MONTHS | mean calendar month |
| MONTHSLN | lunar months |
| NANOSEC | tropical, mean solar nanoseconds |
| OTHER | other |
| PERIOD | period |
| SECONDS | tropical, mean solar second |
| SECONDSD | sidereal seconds |
| TBD | to be determined |
| THYEARS | thousand years |
| UNKNOWN | unknown |
| WEEKS | topical, mean solar week |
| YEARS | tropical, mean solar year |
| YEARSD | sidereal years |
| YYHHMMSS | years, hours, minutes, seconds |

**DOMAIN NAME** unit of measure - volume

**DEFINITION** Volume units of measure.

| VALUE | DEFINITION |
|---|---|
| AFT | acre feet |
| BDFT | board feet |
| CC | cubic centimeters |

| | |
|---|---|
| CD | cords |
| CDFT | cord-foot |
| CF | cubic feet |
| CI | cubic inches |
| CY | cubic yards |
| HL | hectoliters |
| HM | hectometer |
| KL | kiloliters |
| KM3 | cubic kilometers |
| L | liters |
| M3 | cubic meters - stere |
| MI3 | cubic miles |
| ML | milliliters |
| MM3 | cubic millimeters |
| OTHER | other |
| TBD | to be determined |
| TUN | tun |
| UAGI | gills (U.S.liquid) |
| UKBBL | dry barrels (U.K.dry) |
| UKBUDRY | bushels (U.K.dry) |
| UKGAL | gallons (U.K.liquid) |
| UKGI | gills (U.K.liquid) |
| UKHHD | hogsheads (U.K.liquid) |
| UKPK | peck (U.K.dry) |
| UKPT | liquid pints (U.K.liquid) |
| UKQT | liquid quarts (U.K.liquid) |
| UNKNOWN | unknown |
| USBBL_DRY | dry barrels (U.S.dry) |
| USBBL_LIQ | liquid barrels (U.S.liquid) |
| USBUDRY | bushels (U.S.dry) |
| USGAL | gallons (U.S.liquid) |
| USHHD | hogsheads (U.S.liquid) |
| USPK | peck (U.S.dry) |

| | |
|---|---|
| USPT_DRY | dry pints (U.S.dry) |
| USPT_LIQ | liquid pints (U.S.liquid) |
| USQT_DRY | dry quarts (U.S.dry) |
| USQT_LIQ | liquid quarts (U.S.liquid) |

**DOMAIN NAME** unit of measure - weight

**DEFINITION** Weight units of measure.

| VALUE | DEFINITION |
|---|---|
| CARAT | carats |
| CWT | short hundredweights - cental |
| DWT | pennyweights |
| GM | grams |
| GS | grains |
| KG | kilograms |
| KTONS | kilotons |
| LB | pounds (Avoirdupois) |
| LBT | pounds (Troy) |
| MG | milligrams |
| OTHER | other |
| OZ | ounces (Avoirdupois) |
| OZT | ounces (Troy) |
| QNT | quintals |
| T | tonnes (metric) - millier |
| TBD | to be determined |
| TNL | tons (long) |
| TNSH | tons (short) |
| UNKNOWN | unknown |

**DOMAIN NAME** value list - boolean

**DEFINITION** Boolean (True/False or 0/1 expressions)

| VALUE | DEFINITION |
|---|---|
| NO | no |
| YES | yes |

**DOMAIN NAME** value list - pipe diameter

**DEFINITION** Allowable input values for pipe diameter.

| VALUE | DEFINITION |
|---|---|
| 0_25 | 1/4 inch (0.25 inch) |
| 0_5 | 1/2 inch (0.5 inch) |
| 0_75 | 3/4 inch (0.75 inch) |
| 1 | 1inch (1.0 inch) |
| 1_25 | 1 1/4 inch (1.25 inches) |
| 1_5 | 1 1/2 inch (1.5 inches) |
| 1_75 | 1 3/4 inch (1.75 inches) |
| 10 | 10 inch (10.0 inches) |
| 12 | 12 Inch (12.0 inches) |
| 2 | 2 inch (2.0 inches) |
| 2_5 | 2 1/2 inch (2.5 inches) |
| 20 | 20 Inch (20.0 inches) |
| 3 | 3 inch (3.0 inches) |
| 4 | 4 inch (4.0 inches) |
| 6 | 6 inch (6.0 inches) |
| 8 | 8 inch (8.0 inches) |
| OTHER | other |
| TBD | to be determined |