

APPENDIX C:

Complete list of suspected causes of impairment used in U.S. EPA's Assessment Total Maximum Daily Load Tracking and Implementation System (ATTAINS) database.

Suspected Cause Categories	Suspected Causes
Algal Growth	Algae
Algal Growth	Algal Toxins
Algal Growth	Brown Tide
Algal Growth	Chlorophyll-A
Algal Growth	Chlorophyll-A - Aquatic Life Use Support
Algal Growth	Chlorophyll-A - Primary Contact Recreation
Algal Growth	Curly-Leaf Pondweed
Algal Growth	Excess Algal Growth
Algal Growth	Fanwort
Algal Growth	Harmful Algal Blooms
Algal Growth	Hydrilla
Algal Growth	Sea Lettuce
Algal Growth	Suspended Algae
Ammonia	Ammonia
Ammonia	Ammonia, Total
Ammonia	Ammonia, Un-Ionized
Ammonia	Ammonia-Nitrogen
Biotoxins	Abnormal Fish Deformities, Erosions, Lesions, Tumors (Delts)
Biotoxins	Biotoxins
Biotoxins	Cyanobacteria Hepatotoxic Microcystins
Biotoxins	Cyanobacteria Hepatotoxic Nodularins
Biotoxins	Cyanobacteria Neurotoxic Anatoxins
Biotoxins	Cyanobacteria Neurotoxic Saxitoxins
Cause Unknown	Cause Unknown
Cause Unknown - Fish Kills	Fish Kill Due To Thermal Modifications
Cause Unknown - Fish Kills	Fish Kill(S)
Cause Unknown - Impaired Biota	Aquatic Plant Bioassessments
Cause Unknown - Impaired Biota	Benthic Macroinvertebrates
Cause Unknown - Impaired Biota	Benthic Macroinvertebrates Bioassessments
Cause Unknown - Impaired Biota	Biological Integrity
Cause Unknown - Impaired Biota	Combined Biota/Habitat Bioassessments
Cause Unknown - Impaired Biota	Estuarine Bioassessments
Cause Unknown - Impaired Biota	Fish Bioassessments
Cause Unknown - Impaired Biota	Habitat Assessment

Suspected Cause Categories	Suspected Causes
Cause Unknown - Impaired Biota	Index Of Biological Integrity (IBI)
Cause Unknown - Impaired Biota	Periphyton (Aufwuchs) Indicator Bioassessments
Chlorine	Chlorine
Chlorine	Chlorine Dioxide
Chlorine	Chlorine, Residual (Chlorine Demand)
Chlorine	Free Chlorine
Dioxins	2,3,7,8-Tetrachlorodibenzofuran
Dioxins	2,3,7,8-Tetrachlorodibenzo-P-Dioxin
Dioxins	Dibenzofuran
Dioxins	Dioxin
Dioxins	Dioxin - Fish Consumption Advisory
Dioxins	Dioxin (Including 2,3,7,8-Tcdd)
Dioxins	Dioxin In Fish Tissue
Dioxins	Dioxin In Sediment
Dioxins	Furan Compounds
Dioxins	Furan Compounds In Fish Tissue
Fish Consumption Advisory	Cancer Risk Compounds
Fish Consumption Advisory	Commercial Fishing Ban
Fish Consumption Advisory	Fish Consumption Advisory - DDE, DDD
Fish Consumption Advisory	Fish Consumption Advisory - DDE, DDT
Fish Consumption Advisory	Hazard Index Compounds
Fish Consumption Advisory	Hexachlorobenzene - Fish Consumption Advisory
Fish Consumption Advisory	Mirex - Fish Consumption Advisory
Fish Consumption Advisory	Shellfishing Ban
Habitat Alterations	Alteration In Stream-Side Or Littoral Vegetative Covers
Habitat Alterations	Fish Passage Barrier
Habitat Alterations	Habitat Alterations
Habitat Alterations	Loss Of Instream Cover
Habitat Alterations	Other Anthropogenic Substrate Alterations
Habitat Alterations	Physical Substrate Habitat Alterations
Hydrologic Alteration	Dewatering
Hydrologic Alteration	Flow Alteration-Changes In Depth And Flow Velocity
Hydrologic Alteration	Flow Regime Modification
Hydrologic Alteration	Low Flow Alterations
Hydrologic Alteration	Riparian Buffer, Lack Of
Hydrologic Alteration	Salinity Change Due To Change In Flow

Suspected Cause Categories	Suspected Causes
Hydrologic Alteration	Stream Modification
Hydrologic Alteration	Tidal Flow Alteration
Hydrologic Alteration	Wetlands Drainage
Hydrologic Alteration	Wetlands Dredged/Filled
Mercury	Mercury
Mercury	Mercury - Fish Consumption Advisory
Mercury	Mercury In Fish Tissue
Mercury	Mercury In Sediment
Mercury	Mercury In Water Column
Mercury	Mercury, Dissolved
Mercury	Mercury, Total
Mercury	Methylmercury
Metals (Other Than Mercury)	Alum In Sediment
Metals (Other Than Mercury)	Aluminum
Metals (Other Than Mercury)	Aluminum, Dissolved
Metals (Other Than Mercury)	Aluminum, Total
Metals (Other Than Mercury)	Arsenic
Metals (Other Than Mercury)	Arsenic In Sediment
Metals (Other Than Mercury)	Arsenic, Trivalent
Metals (Other Than Mercury)	Beryllium
Metals (Other Than Mercury)	Cadmium
Metals (Other Than Mercury)	Cadmium In Sediment
Metals (Other Than Mercury)	Chromium
Metals (Other Than Mercury)	Chromium In Sediment
Metals (Other Than Mercury)	Chromium, Hexavalent
Metals (Other Than Mercury)	Chromium, Total
Metals (Other Than Mercury)	Chromium, Trivalent
Metals (Other Than Mercury)	Cobalt
Metals (Other Than Mercury)	Copper
Metals (Other Than Mercury)	Copper In Fish Tissue
Metals (Other Than Mercury)	Copper In Sediment
Metals (Other Than Mercury)	Copper, Dissolved
Metals (Other Than Mercury)	Copper, Total
Metals (Other Than Mercury)	Gold
Metals (Other Than Mercury)	Gold In Sediment
Metals (Other Than Mercury)	Iron
Metals (Other Than Mercury)	Iron Total Recoverable
Metals (Other Than Mercury)	Lead
Metals (Other Than Mercury)	Lead In Sediment
Metals (Other Than Mercury)	Manganese

Suspected Cause Categories	Suspected Causes
Metals (Other Than Mercury)	Metals
Metals (Other Than Mercury)	Molybdenum
Metals (Other Than Mercury)	Nickel
Metals (Other Than Mercury)	Nickel In Fish Tissue
Metals (Other Than Mercury)	Nickel In Sediment
Metals (Other Than Mercury)	Selenium
Metals (Other Than Mercury)	Selenium In Fish Tissue
Metals (Other Than Mercury)	Selenium In Sediment
Metals (Other Than Mercury)	Selenium, Dissolved
Metals (Other Than Mercury)	Selenium, Total
Metals (Other Than Mercury)	Silver
Metals (Other Than Mercury)	Silver In Sediment
Metals (Other Than Mercury)	Strontium
Metals (Other Than Mercury)	Thallium
Metals (Other Than Mercury)	Thallium In Fish Tissue
Metals (Other Than Mercury)	Titanium
Metals (Other Than Mercury)	Unspecified Metals In Sediment
Metals (Other Than Mercury)	Vanadium
Metals (Other Than Mercury)	Zinc
Metals (Other Than Mercury)	Zinc In Fish Tissue
Metals (Other Than Mercury)	Zinc In Sediment
Metals (Other Than Mercury)	Zinc In Shellfish
Metals (Other Than Mercury)	Zinc, Chronic
Metals (Other Than Mercury)	Zinc, Dissolved
Metals (Other Than Mercury)	Zinc, Total
Noxious Aquatic Plants	Aquatic Plants (Macrophytes)
Noxious Aquatic Plants	Noxious Aquatic Plants
Noxious Aquatic Plants	Water Chestnut
Nuisance Exotic Species	Brittle Naiad, Najas Minor
Nuisance Exotic Species	Eurasian Water Milfoil, Myriophyllum Spicatum
Nuisance Exotic Species	Invasive Aquatic Algae
Nuisance Exotic Species	Non-Native Aquatic Plants
Nuisance Exotic Species	Non-Native Fish/Shellfish/Zooplankton
Nuisance Exotic Species	Variable-Leaved Watermilfoil, Myriophyllum Heterophyllum
Nuisance Exotic Species	Zebra Mussel, Dreissena Polymorph
Nuisance Native Species	Noxious Aquatic Plants Native
Nutrients	Dissolved Oxygen Supersaturation
Nutrients	Eutrophication
Nutrients	Eutrophication, Nutrients

Suspected Cause Categories	Suspected Causes
Nutrients	Nitrate
Nutrients	Nitrate/Nitrite (Nitrite + Nitrate As N)
Nutrients	Nitrite
Nutrients	Nitrogen
Nutrients	Nitrogen, Ammonia
Nutrients	Nitrogen, Nitrate
Nutrients	Nitrogen, Nitrite
Nutrients	Nitrogen, Total
Nutrients	Nutrient/Eutrophication Biological Indicators
Nutrients	Nutrients
Nutrients	Phosphate
Nutrients	Phosphorus
Nutrients	Phosphorus, Total
Nutrients	Total Kjeldahl Nitrogen (TKN)
Nutrients	Trophic State Index (TSI)
Oil And Grease	Diesel Fuel
Oil And Grease	Oil
Oil And Grease	Oil And Grease
Oil And Grease	Petroleum Hydrocarbons
Oil And Grease	Residual Surface And Sub-Surface Oil/Tar Balls/Tar Mats
Organic Enrichment/Oxygen Depletion	Biochemical Oxygen Demand (Bod)
Organic Enrichment/Oxygen Depletion	Biochemical Oxygen Demand (Bod), Carbonaceous
Organic Enrichment/Oxygen Depletion	Biochemical Oxygen Demand (Bod), Nitrogenous
Organic Enrichment/Oxygen Depletion	Chemical Oxygen Demand (Cod)
Organic Enrichment/Oxygen Depletion	Dissolved Organic Carbon (Doc)
Organic Enrichment/Oxygen Depletion	Dissolved Oxygen
Organic Enrichment/Oxygen Depletion	Dissolved Oxygen Saturation
Organic Enrichment/Oxygen Depletion	Organic Enrichment
Organic Enrichment/Oxygen Depletion	Organic Enrichment (Sewage) Biological Indicators
Organic Enrichment/Oxygen Depletion	Oxythermal Habitat
Organic Enrichment/Oxygen Depletion	Sediment Oxygen Demand
Organic Enrichment/Oxygen Depletion	Total Organic Carbon (Toc)
Other Cause	Attaining Assessment Unit With Protection Plan
Other Cause	Debris
Other Cause	Dissolved Gas Supersaturation

Suspected Cause Categories	Suspected Causes
Other Cause	Flocculant Masses
Other Cause	Foam/Flocs/Scum/Oil Slicks
Other Cause	Lack Of A Coldwater Assemblage
Other Cause	Natural Limits
Other Cause	Osmotic Pressure
Other Cause	Other
Other Cause	Paper Sludge
Other Cause	Pollutants In Urban Stormwater
Other Cause	Residues
Other Cause	Scum/Foam
Other Cause	Sediment Screening Value (Exceedance)
Other Cause	Single Sample Toxic Exceedance
Other Cause	Sludge
Other Cause	Sodium Absorption Ratio
Other Cause	Sodium Adsorption Ratio
Other Cause	Surfactants
Other Cause	Total Dissolved Gas
Other Cause	Visible Oil And Sodium Adsorption Ratio (SAR)
Other Cause	Wastewater
Pathogens	Bacteria (Oyster Waters)
Pathogens	Bacterial Slimes
Pathogens	Enterococcus
Pathogens	Escherichia Coli (E. Coli)
Pathogens	Fecal Coliform
Pathogens	Pathogens
Pathogens	Total Coliform
Pathogens	Viruses (Enteric)
Pesticides	1,2-Dibromo-3-Chloropropane
Pesticides	1,2-Dichloroethane
Pesticides	1,2-Dichloropropane
Pesticides	1,3-Dichloropropene
Pesticides	2,3-Dichloropropene
Pesticides	2,4,5-Tp (Silvex)
Pesticides	2,4,5-Trichlorophenol
Pesticides	2,4-Dinitrophenol
Pesticides	2,4-Dinitrophenol In Fish Tissue
Pesticides	2-Methylnaphthalene
Pesticides	4,4'-DDD
Pesticides	4,4'-DDE

Suspected Cause Categories	Suspected Causes
Pesticides	4,4'-DDT
Pesticides	Acetamide
Pesticides	Acrolein
Pesticides	Acrylonitrile
Pesticides	Alachlor
Pesticides	Aldicarb
Pesticides	Aldrin
Pesticides	Aldrin In Fish Tissue
Pesticides	Alpha-BHC
Pesticides	Alpha-BHC In Fish Tissue
Pesticides	Alpha-Endosulfan (Endosulfan 1)
Pesticides	Alpha-Endosulfan (Endosulfan 1) In Fish Tissue
Pesticides	Ametryn
Pesticides	Amitrole
Pesticides	Arsenic In Fish Tissue
Pesticides	Atrazine
Pesticides	Bentazon
Pesticides	Beta-BHC
Pesticides	Beta-BHC In Fish Tissue
Pesticides	Beta-Endosulfan (Endosulfan 2)
Pesticides	Beta-Endosulfan (Endosulfan 2) In Fish Tissue
Pesticides	BHC
Pesticides	Bifenthrin
Pesticides	Butylate
Pesticides	Captan
Pesticides	Carbaryl
Pesticides	Carbofuran
Pesticides	Carbofuran/Furadan
Pesticides	Carbon Disulfide
Pesticides	Chloramben
Pesticides	Chlordane
Pesticides	Chlordane In Fish Tissue
Pesticides	Chlordane In Sediment
Pesticides	Chlorinated Pesticides
Pesticides	Chlorinated Pesticides In Fish Tissue
Pesticides	Chlorobenzilate
Pesticides	Chlorophenoxy Herbicides (2,4,5,-Tp)
Pesticides	Chlorophenoxy Herbicides (2,4-D)
Pesticides	Chlorothalonil

Suspected Cause Categories	Suspected Causes
Pesticides	Chlorpyrifos
Pesticides	Chlordane
Pesticides	Cis-Chlordane
Pesticides	Cyanazine
Pesticides	Cycloate
Pesticides	Cyfluthrin
Pesticides	Cypermethrin
Pesticides	Dacthal
Pesticides	Dalapon
Pesticides	DDD (Dichlorodiphenyldichloroethane)
Pesticides	DDD In Fish Tissue
Pesticides	DDE (Dichlorodiphenyldichloroethylene)
Pesticides	DDE In Fish Tissue
Pesticides	DDT (Dichlorodiphenyltrichloroethane)
Pesticides	DDT In Fish Tissue
Pesticides	DDT In Sediment
Pesticides	DDT Metabolites
Pesticides	DEHP (Di-Sec-Octyl Phthalate)
Pesticides	Delta-BHC
Pesticides	Demeton
Pesticides	Diallate
Pesticides	Diazinon
Pesticides	Dibutyl Phthalate
Pesticides	Dichlobenil
Pesticides	Dichlorvos
Pesticides	Dicofol
Pesticides	Dieldrin
Pesticides	Dieldrin In Fish Tissue
Pesticides	Dieldrin In Sediment
Pesticides	Dimethoate
Pesticides	Dimethyl Phthalate
Pesticides	Dimethyl Phthalate In Fish Tissue
Pesticides	Dimethyl Thalate
Pesticides	Dinitro-O-Cresol
Pesticides	Dinoseb
Pesticides	Diphenamid
Pesticides	Diquat
Pesticides	Disulfoton
Pesticides	Diuron
Pesticides	Dyfonate (Fonofos Or Fonophos)

Suspected Cause Categories	Suspected Causes
Pesticides	Eldrin
Pesticides	Endosulfan
Pesticides	Endosulfan In Fish Tissue
Pesticides	Endosulfan Sulfate
Pesticides	Endosulfan Sulfate In Fish Tissue
Pesticides	Endothall
Pesticides	Endrin
Pesticides	Endrin Aldehyde
Pesticides	Endrin Aldehyde In Fish Tissue
Pesticides	Endrin In Fish Tissue
Pesticides	Endrin In Sediment
Pesticides	EPTC
Pesticides	Esfenvalerate
Pesticides	Ethelyne Dibromide
Pesticides	Ethoprop
Pesticides	Fenpropathrin
Pesticides	Fipronil
Pesticides	Fluometuron
Pesticides	Fonofos
Pesticides	Formaldehyde
Pesticides	Glyphosate
Pesticides	Guthion
Pesticides	Heptachlor
Pesticides	Heptachlor Epoxide
Pesticides	Heptachlor Epoxide In Fish Tissue
Pesticides	Heptachlor In Fish Tissue
Pesticides	Hexachlorobenzene
Pesticides	Hexachlorobenzene In Fish Tissue
Pesticides	Hexachlorocyclohexane
Pesticides	Hexachlorocyclohexane (HCH)
Pesticides	Hexachlorocyclohexane In Fish Tissue
Pesticides	Hexachlorophene
Pesticides	Hexazinone
Pesticides	Indeno[1,2,3-Cd]Pyrene
Pesticides	Indeno[1,2,3-Cd]Pyrene In Fish Tissue
Pesticides	Kepone
Pesticides	Lambda-Cyhalothrin
Pesticides	Lamda-Cyhalothrin
Pesticides	Lindane
Pesticides	Linuron

Suspected Cause Categories	Suspected Causes
Pesticides	Malathion
Pesticides	Methanol
Pesticides	Methoxychlor
Pesticides	Methyl Bromide
Pesticides	Methyl Parathion
Pesticides	Metolachlor
Pesticides	Metribuzin
Pesticides	Mirex
Pesticides	Molinat (Odrum)
Pesticides	Molinate
Pesticides	M-Xylene
Pesticides	Naphthalene
Pesticides	Napropamide
Pesticides	Nitrofen
Pesticides	Oryzalin
Pesticides	Oxadiazon
Pesticides	Oxamyl (Vydate)
Pesticides	Oxyfluorfen
Pesticides	P,P' DDD
Pesticides	Parathion
Pesticides	Pebulate
Pesticides	Permethrin
Pesticides	Pesticides
Pesticides	Photomirex
Pesticides	Picloram
Pesticides	Prometon
Pesticides	Prometryn
Pesticides	Pronamide
Pesticides	Propachlor
Pesticides	Propargite
Pesticides	Propazine
Pesticides	Propoxur
Pesticides	P-Xylene
Pesticides	Pyrethroids
Pesticides	Quintozene
Pesticides	Simazine
Pesticides	Simetryn
Pesticides	Tebuthiuron
Pesticides	Terbacil
Pesticides	Terbufos

Suspected Cause Categories	Suspected Causes
Pesticides	Tetrachlorvinphos
Pesticides	Toxaphene
Pesticides	Toxaphene In Fish Tissue
Pesticides	Toxaphene In Sediment
Pesticides	Trans-Nonachlor
Pesticides	Triallate
Pesticides	Tributyltin
Pesticides	Trichlorfon
Pesticides	Trifluralin
Pesticides	Vernolate
Pesticides	Xylene
Pesticides	Zineb
pH/Acidity/Caustic Conditions	Alkalinity
pH/Acidity/Caustic Conditions	pH
pH/Acidity/Caustic Conditions	pH, High
pH/Acidity/Caustic Conditions	pH, Low
Polychlorinated Biphenyls (PCBs)	PCBs - Fish Consumption Advisory
Polychlorinated Biphenyls (PCBs)	PCBs In Fish Tissue
Polychlorinated Biphenyls (PCBs)	PCBs In Migratory Species
Polychlorinated Biphenyls (PCBs)	PCBs In Sediment
Polychlorinated Biphenyls (PCBs)	Polychlorinated Biphenyls (PCBs)
Radiation	Alpha Particles
Radiation	Barium
Radiation	Beta Particles And Photon Emitters
Radiation	Cesium
Radiation	Radiation
Radiation	Radium
Radiation	Tritium
Radiation	Uranium
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Chloride
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Salinity
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Salinity/Total Dissolved Solids/Chlorides
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Sodium
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Specific Conductivity
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Sulfate

Suspected Cause Categories	Suspected Causes
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Sulfate + Chloride
Salinity/Total Dissolved Solids/Chlorides/Sulfates	Total Dissolved Solids (TDS)
Sediment	Bottom Deposits
Sediment	Coarse Sediment
Sediment	Fine Sediment
Sediment	Particle Distribution (Embeddedness)
Sediment	Sediment
Sediment	Sedimentation
Sediment	Sedimentation/Siltation
Sediment	Silica
Sediment	Silicate
Sediment	Siltation
Sediment	Total Suspended Sediment
Taste, Color, And Odor	Color
Taste, Color, And Odor	Colored Dissolved Organic Matter (CDOM)
Taste, Color, And Odor	Fluorescent Dissolved Organic Matter (FDOM)
Taste, Color, And Odor	Odor
Taste, Color, And Odor	Taste
Taste, Color, And Odor	Taste And Odor
Temperature	Temperature
Temperature	Thermal Modifications
Total Toxics	Ambient Bioassays - Acute Aquatic Toxicity
Total Toxics	Ambient Bioassays - Chronic Aquatic Toxicity
Total Toxics	Chronic Toxicity
Total Toxics	Sediment Bioassay
Total Toxics	Sediment Toxicity
Total Toxics	Toxicity
Total Toxics	Water Column Bioassay
Total Toxics	Whole Effluent Toxicity (Wet)
Toxic Inorganics	Antimony
Toxic Inorganics	Antimony In Fish Tissue
Toxic Inorganics	Arsenic, Inorganic
Toxic Inorganics	Arsenic, Inorganic In Fish Tissue
Toxic Inorganics	Asbestos
Toxic Inorganics	Boron

Suspected Cause Categories	Suspected Causes
Toxic Inorganics	Cyanide
Toxic Inorganics	Cyanide (As Free Cyanide)
Toxic Inorganics	Fluoride
Toxic Inorganics	High Molecular Weight Polycyclic Aromatic Hydrocarbons (HMW PAHs)
Toxic Inorganics	Hydrogen Sulfide
Toxic Inorganics	Low Molecular Weight Polycyclic Aromatic Hydrocarbons (LMW PAHs)
Toxic Inorganics	Perchlorate
Toxic Organics	1,1,1,2-Tetrachloroethane
Toxic Organics	1,1,1-Trichloroethane
Toxic Organics	1,1,2,2-Tetrachloroethane
Toxic Organics	1,1,2-Trichloroethane
Toxic Organics	1,1-Dichloro-1,2,2-Trifluoroethane
Toxic Organics	1,1-Dichloroethane
Toxic Organics	1,1-Dichloroethylene
Toxic Organics	1,2,3,4-Tetrachlorobenzene
Toxic Organics	1,2,4,5-Tetrachlorobenzene
Toxic Organics	1,2,4-Trichlorobenzene
Toxic Organics	1,2,4-Trimethylbenzene
Toxic Organics	1,2-Butylene Oxide
Toxic Organics	1,2-Dibromoethane
Toxic Organics	1,2-Dichlorobenzene
Toxic Organics	1,2-Dichlorobenzene In Fish Tissue
Toxic Organics	1,2-Dichloroethylene
Toxic Organics	1,2-Diphenylhydrazine
Toxic Organics	1,2-Diphenylhydrazine
Toxic Organics	1,2-Diphenylhydrazine In Fish Tissue
Toxic Organics	1,2-Propanediol
Toxic Organics	1,3-Butadiene
Toxic Organics	1,3-Dichlorobenzene
Toxic Organics	1,3-Dichlorobenzene In Fish Tissue
Toxic Organics	1,4-Dichlorobenzene
Toxic Organics	1,4-Dichlorobenzene In Fish Tissue
Toxic Organics	1,4-Dioxane
Toxic Organics	1-Pentanol
Toxic Organics	2,2'-Dichlorodiethyl Ether
Toxic Organics	2,2'-Dichlorodiisopropyl Ether
Toxic Organics	2,4,6-Trichlorophenol
Toxic Organics	2,4,6-Trichlorophenol In Fish Tissue
Toxic Organics	2,4-Diaminotoluene

Suspected Cause Categories	Suspected Causes
Toxic Organics	2,4-Dichlorophenol
Toxic Organics	2,4-Dichlorophenol In Fish Tissue
Toxic Organics	2,4-Dimethylphenol
Toxic Organics	2,4-Dinitrotoluene
Toxic Organics	2,4-Dinitrotoluene In Fish Tissue
Toxic Organics	2,5-Dichlorophenol
Toxic Organics	2,6-Dinitrotoluene
Toxic Organics	2-Acetylaminofluorene
Toxic Organics	2-Butanone
Toxic Organics	2-Chloroethyl Vinyl Ether
Toxic Organics	2-Chloronaphthalene
Toxic Organics	2-Chlorophenol
Toxic Organics	2-Ethoxyethanol
Toxic Organics	2-Hexanone
Toxic Organics	2-Methoxyethanol
Toxic Organics	2-Methylphenol
Toxic Organics	2-Methylpyridine
Toxic Organics	2-Nitrophenol
Toxic Organics	3,3'-Dichlorobenzidine
Toxic Organics	3,3'-Dichlorobenzidine In Fish Tissue
Toxic Organics	3,3'-Dimethoxybenzidine
Toxic Organics	3,3'-Dimethylbenzidine
Toxic Organics	3,4-Dichlorophenol
Toxic Organics	3-Chlorophenol
Toxic Organics	4,4-Dichloro-2-Butene
Toxic Organics	4,4'-Isopropylidenediphenol
Toxic Organics	4,4'-Methylenebis
Toxic Organics	4-Aminobiphenyl
Toxic Organics	4-Bromophenylphenyl Ether
Toxic Organics	4-Chloro-3-Methylphenol (3-Methyl-4-Chlorophenol)
Toxic Organics	4-Chlorophenol
Toxic Organics	4-Dimethylaminoazobenzene
Toxic Organics	4-Methyl-2-Pentanone (MIBK)
Toxic Organics	4-Methylphenol
Toxic Organics	4-Nitrophenol
Toxic Organics	5-Nitro-O-Toluidine
Toxic Organics	Acenaphthene
Toxic Organics	Acenaphthylene
Toxic Organics	Acetaldehyde

Suspected Cause Categories	Suspected Causes
Toxic Organics	Acetochlor
Toxic Organics	Acetone
Toxic Organics	Acetonitrile
Toxic Organics	Acrylamide
Toxic Organics	Alkylbenzene
Toxic Organics	Allyl Alcohol
Toxic Organics	Allyl Chloride
Toxic Organics	Alpha-BNC
Toxic Organics	Alpha-Naphthylamine
Toxic Organics	Aniline
Toxic Organics	Anthracene
Toxic Organics	Anthracene In Fish Tissue
Toxic Organics	Bentazone
Toxic Organics	Benz[A]Anthracene
Toxic Organics	Benzal Chloride
Toxic Organics	Benzene
Toxic Organics	Benzidine
Toxic Organics	Benzo[A]Anthracene
Toxic Organics	Benzo[A]Anthracene In Fish Tissue
Toxic Organics	Benzo[A]Pyrene
Toxic Organics	Benzo[A]Pyrene (PAHs)
Toxic Organics	Benzo[A]Pyrene In Fish Tissue
Toxic Organics	Benzo[B,K]Fluoranthenes
Toxic Organics	Benzo[B]Fluoranthene
Toxic Organics	Benzo[B]Fluoranthene In Fish Tissue
Toxic Organics	Benzo[B]Fluorene
Toxic Organics	Benzo[G,H,I]Perylene
Toxic Organics	Benzo[K]Fluoranthene
Toxic Organics	Benzo[K]Fluoranthene In Fish Tissue
Toxic Organics	Benzo[K]Fluorene
Toxic Organics	Benzofluoranthenes Total (B+K+J)
Toxic Organics	Benzoic Acid
Toxic Organics	Benzopyrene
Toxic Organics	Benzoyl Chloride
Toxic Organics	Benzyl Alcohol
Toxic Organics	Benzyl Chloride
Toxic Organics	Beta-Naphthylamine
Toxic Organics	Biphenyl
Toxic Organics	Bis(2 Ethylhexyl)Phthalate
Toxic Organics	Bis(2 Ethylhexyl)Phthalate And Phenol

Suspected Cause Categories	Suspected Causes
Toxic Organics	Bis(2-Chloro-1-Methylethyl)
Toxic Organics	Bis(2-Chloroethoxy)Methane
Toxic Organics	Bis(2-Chloroisopropyl) Ether
Toxic Organics	Bis(2-Chloroisopropyl) Ether In Fish Tissue
Toxic Organics	Bis(2-Ethylhexyl) Phthalate
Toxic Organics	Bis(2-Ethylhexyl) Phthalate In Fish Tissue
Toxic Organics	Bis(N-Octyl) Phthalate
Toxic Organics	Bis-2-Chloroethyl Ether
Toxic Organics	Bis-2-Chloroethyl Ether In Fish Tissue
Toxic Organics	Bisphthalate
Toxic Organics	Bromacil
Toxic Organics	Bromodichloromethane
Toxic Organics	Bromoform
Toxic Organics	Butyl Benzyl Phthalate
Toxic Organics	Butylbenzene
Toxic Organics	Butyraldehyde
Toxic Organics	Carbon Tetrachloride
Toxic Organics	Cesethylatrazine
Toxic Organics	Chloramines
Toxic Organics	Chlorinated Benzenes
Toxic Organics	Chlorinated Phenols
Toxic Organics	Chloroacetic Acid
Toxic Organics	Chlorobenzene (Mono)
Toxic Organics	Chlorodibromomethane
Toxic Organics	Chlorodifluoromethane
Toxic Organics	Chloroethane
Toxic Organics	Chloroform
Toxic Organics	Chloromethane
Toxic Organics	Chloromethyl Methyl Ether
Toxic Organics	Chlorophenyl-4 Phenyl Ether
Toxic Organics	Chloroprene
Toxic Organics	Chrysene
Toxic Organics	Chrysene In Fish Tissue
Toxic Organics	Cis-1,2-Dichloroethylene
Toxic Organics	Coal Ash
Toxic Organics	Coal Tar
Toxic Organics	Contaminated Sediments (Benzo[A]Anthracene)

Suspected Cause Categories	Suspected Causes
Toxic Organics	Contaminated Sediments (Benzo[A]Pyrene)
Toxic Organics	Contaminated Sediments (Chrysene)
Toxic Organics	Contaminated Sediments (Fluoranthene)
Toxic Organics	Contaminated Sediments (Hydrocarbons)
Toxic Organics	Contaminated Sediments (PAHs)
Toxic Organics	Contaminated Sediments (Phenanthrene)
Toxic Organics	Contaminated Sediments (Pyrene)
Toxic Organics	Creosote
Toxic Organics	Cresol (Mixed Isomers)
Toxic Organics	Cumene
Toxic Organics	Cyclohexanamine, N-Ethyl-1-Phenyl-
Toxic Organics	Cyclohexane
Toxic Organics	Cymene
Toxic Organics	Deethylatrazine
Toxic Organics	Desethylatrazine
Toxic Organics	Desisoproylatrazine
Toxic Organics	Di(2-Ethylhexyl) Adipate
Toxic Organics	Di-2-Ethylhexyl Phthalate
Toxic Organics	Diaminotoluene (Mixed Isomers)
Toxic Organics	Dibenz[A,H]Anthracene
Toxic Organics	Dibenz[A,H]Anthracene In Fish Tissue
Toxic Organics	Dibromochloromethane
Toxic Organics	Dichlorobenzene (Mixed Isomers)
Toxic Organics	Dichlorobromomethane
Toxic Organics	Dichlorodifluoromethane
Toxic Organics	Dichloroethane
Toxic Organics	Dichloroethane/Polycyclic Aromatic Hydrocarbons
Toxic Organics	Dichloroethylene/1,1-DCE
Toxic Organics	Dichloroethylenes
Toxic Organics	Dichloromethane
Toxic Organics	Diethyl Phthalate
Toxic Organics	Diethyl Phthalate In Fish Tissue
Toxic Organics	Di-N-Butyl Phthalate
Toxic Organics	Di-N-Butyl Phthalate In Fish Tissue
Toxic Organics	Dinitrotoluene
Toxic Organics	Di-N-Octyl Phthalate
Toxic Organics	Disinfection By-Products
Toxic Organics	Dodecylbenzene
Toxic Organics	Epichlorohydrin

Suspected Cause Categories	Suspected Causes
Toxic Organics	Ethanol
Toxic Organics	Ether, Bis Chloromethyl
Toxic Organics	Ethylbenzene
Toxic Organics	Ethylene
Toxic Organics	Ethylene Glycol
Toxic Organics	Ethylene Oxide
Toxic Organics	Ethylene Thiourea
Toxic Organics	Fish Consumption Advisory - PAHs
Toxic Organics	Fluoranthene
Toxic Organics	Fluoranthene In Fish Tissue
Toxic Organics	Fluorene
Toxic Organics	Fluorene In Fish Tissue
Toxic Organics	Formic Acid
Toxic Organics	Halomethanes
Toxic Organics	Hexachlorobutadiene
Toxic Organics	Hexachlorobutadiene In Fish Tissue
Toxic Organics	Hexachlorocyclopentadiene
Toxic Organics	Hexachlorocyclopentadiene In Fish Tissue
Toxic Organics	Hexachloroethane
Toxic Organics	Hexachloroethane In Fish Tissue
Toxic Organics	Hexamethylphosphoramide
Toxic Organics	Hexane
Toxic Organics	Hydrazine
Toxic Organics	Hydrocarbons
Toxic Organics	Hydrocarbons - Non Priority
Toxic Organics	Hydrocarbons - Priority Organics
Toxic Organics	Hydroquinone
Toxic Organics	Isobutyraldehyde
Toxic Organics	Isophorone
Toxic Organics	Isophorone In Fish Tissue
Toxic Organics	Isopropanol
Toxic Organics	Isosafrole
Toxic Organics	Maleic Anhydride
Toxic Organics	M-Cresol
Toxic Organics	M-Dichlorobenzene
Toxic Organics	M-Dinitrobenzene
Toxic Organics	Methacrylonitrile
Toxic Organics	Methyl Blue
Toxic Organics	Methyl Chloride

Suspected Cause Categories	Suspected Causes
Toxic Organics	Methyl Ethyl Ketone
Toxic Organics	Methyl Hydrazine
Toxic Organics	Methyl Iodide
Toxic Organics	Methyl Isobutyl Ketone
Toxic Organics	Methyl Methacrylate
Toxic Organics	Methyl Tertiary-Butyl Ether (MTBE)
Toxic Organics	Methylene Bromide
Toxic Organics	Methylene Chloride
Toxic Organics	MTBE
Toxic Organics	N-Butyl Alcohol
Toxic Organics	N-Butylbenzylphthalate
Toxic Organics	Nitrilotriacetic Acid
Toxic Organics	Nitrobenzene
Toxic Organics	Nitrobenzene In Fish Tissue
Toxic Organics	Nitrodibutylamine,N
Toxic Organics	Nitroglycerin
Toxic Organics	Nitrosodiethylamine,N
Toxic Organics	N-Nitrosodiethylamine
Toxic Organics	N-Nitrosodimethylamine
Toxic Organics	N-Nitroso-Di-N-Butylamine
Toxic Organics	N-Nitrosodiphenylamine
Toxic Organics	N-Nitrosodiphenylamine In Fish Tissue
Toxic Organics	N-Nitrosodipropylamine
Toxic Organics	N-Nitrosomorpholine
Toxic Organics	N-Nitroso-N-Ethylurea
Toxic Organics	N-Nitroso-N-Methylurea
Toxic Organics	N-Nitrosopiperidine
Toxic Organics	N-Nonylbenzene
Toxic Organics	Nonpriority Organics/PAHs
Toxic Organics	Nonylphenol
Toxic Organics	O-Cresol (2-Methylphenol)
Toxic Organics	Octachlorostyrene
Toxic Organics	Octochloronaphthalene
Toxic Organics	O-Dichlorobenzene
Toxic Organics	Oil Spill - PAHs
Toxic Organics	Organic Chemicals
Toxic Organics	Organics
Toxic Organics	Other Organics
Toxic Organics	Other Organics (Fluoride)
Toxic Organics	Other Toxic Organics

Suspected Cause Categories	Suspected Causes
Toxic Organics	O-Toluidine
Toxic Organics	O-Toluidine Hydrochloride
Toxic Organics	O-Xylene
Toxic Organics	Pah1 - 2 & 3 Ring Polycyclic Aromatic Hydrocarbons
Toxic Organics	Pah2 - 4 Ring Polycyclic Aromatic Hydrocarbons
Toxic Organics	Pah2 - 4 Ring Polycyclic Aromatic Hydrocarbons In Fish Tissue
Toxic Organics	Pah3 - 5 & 6 Ring Polycyclic Aromatic Hydrocarbons
Toxic Organics	Paraldehyde
Toxic Organics	PCE
Toxic Organics	P-Cymene
Toxic Organics	P-Dichlorobenzene
Toxic Organics	Pentachlorobenzene
Toxic Organics	Pentachlorophenol (PCP)
Toxic Organics	Pentachlorophenol (PCP) In Fish Tissue
Toxic Organics	Perfluorooctane Sulfonate (PFOS)
Toxic Organics	Perfluorooctane Sulfonate (PFOS) In Fish Tissue
Toxic Organics	Phenanthrene
Toxic Organics	Phenol
Toxic Organics	Phenol In Fish Tissue
Toxic Organics	Phthalate Esters
Toxic Organics	Phthalic Anhydride
Toxic Organics	Phthalate
Toxic Organics	Picric Acid
Toxic Organics	Polybrominated Biphenyls
Toxic Organics	Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)
Toxic Organics	Propionaldehyde
Toxic Organics	Propylene Glycol
Toxic Organics	Propylene Oxide
Toxic Organics	Pyrene
Toxic Organics	Pyrene In Fish Tissue
Toxic Organics	Pyridine
Toxic Organics	Quinoline
Toxic Organics	Quinone
Toxic Organics	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)
Toxic Organics	Safrole

Suspected Cause Categories	Suspected Causes
Toxic Organics	Sec-Butyl Alcohol
Toxic Organics	Sec-Butylbenzene
Toxic Organics	Styrene
Toxic Organics	Tert-Butyl Alcohol
Toxic Organics	Tert-Butylbenzene
Toxic Organics	Tetrachloroethylene
Toxic Organics	Tetrachloroethylene/PCE
Toxic Organics	Thiourea
Toxic Organics	Toluene
Toxic Organics	Total Aromatic Hydrocarbons
Toxic Organics	Total Benzofluoranthenes
Toxic Organics	Total Trihalomethane (TTHM)
Toxic Organics	Trans-1,2-Dichloroethene
Toxic Organics	Trans-1,2-Dichloroethylene
Toxic Organics	Tributyltin Tbt (Tributylstanne)
Toxic Organics	Trichlorinated Ethanes
Toxic Organics	Trichloroethylene (TCE)
Toxic Organics	Trichlorofluoromethane (Cfc-11)
Toxic Organics	Triclopyr
Toxic Organics	Triethylene Glycol Dichloride
Toxic Organics	Vinyl Acetate
Toxic Organics	Vinyl Bromide
Toxic Organics	Vinyl Chloride
Toxic Organics	Vinylidene Chloride
Toxic Organics	Volatile Organics (VOCs)
Trash	Debris/Floatables/Trash
Trash	Floating Debris
Trash	Trash
Turbidity	Light Attenuation Coefficient
Turbidity	Secchi Disk Transparency
Turbidity	Total Suspended Solids (TSS)
Turbidity	Transparency / Clarity
Turbidity	Turbidity
Turbidity	Vertical Extinction Coefficient