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| --- | --- |
| APPENDIX C:  **Complete list of suspected causes of impairment used in U.S. EPA’s Assessment Total Maximum Daily Load (TMDL) 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 | 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 |
| 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 | FURAN COMPOUNDS |
| 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 | HEXACHLOROBENZE - 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 | RIPARIAN BUFFER, LACK OF |
| HYDROLOGIC ALTERATION | SALINITY CHANGE DUE TO CHANGE IN FLOW |
| 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 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 |
| METALS (OTHER THAN MERCURY) | METALS |
| METALS (OTHER THAN MERCURY) | MOLYBDENUM |
| METALS (OTHER THAN MERCURY) | NICKEL |
| 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) | TITANIUM |
| 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 | 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 |
| 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 KJEHLDAHL 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 OXYGEN |
| ORGANIC ENRICHMENT/OXYGEN DEPLETION | ORGANIC ENRICHMENT |
| ORGANIC ENRICHMENT/OXYGEN DEPLETION | ORGANIC ENRICHMENT (SEWAGE) BIOLOGICAL INDICATORS |
| 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 |
| OTHER CAUSE | FLOCCULANT MASSES |
| OTHER CAUSE | LACK OF A COLDWATER ASSEMBLAGE |
| OTHER CAUSE | NATURAL LIMITS |
| OTHER CAUSE | OSMOTIC PRESSURE |
| OTHER CAUSE | PAPER SLUDGE |
| OTHER CAUSE | POLLUTANTS IN URBAN STORMWATER |
| OTHER CAUSE | RESIDUES |
| OTHER CAUSE | SCUM/FOAM |
| OTHER CAUSE | SLUDGE |
| OTHER CAUSE | SODIUM ABSORPTION RATIO |
| OTHER CAUSE | SODIUM ADSOPRTION RATIO |
| OTHER CAUSE | SURFACTANTS |
| OTHER CAUSE | TOTAL DISSOLVED GAS |
| OTHER CAUSE | VISIBLE OIL AND SODIUM ADSORPTION RATIO (SAR) |
| 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-METHYLNAPHTHALENE |
| PESTICIDES | 4,4'-DDD |
| PESTICIDES | 4,4'-DDE |
| PESTICIDES | 4,4'-DDT |
| PESTICIDES | ACETAMIDE |
| PESTICIDES | ACROLEIN |
| PESTICIDES | ACRYLONITRILE |
| PESTICIDES | ALACHLOR |
| PESTICIDES | ALDICARB |
| PESTICIDES | ALDRIN |
| PESTICIDES | ALPHA-BHC |
| PESTICIDES | ALPHA-ENDOSULFAN (ENDOSULFAN 1) |
| PESTICIDES | AMETRYN |
| PESTICIDES | AMITROLE |
| PESTICIDES | ARSENIC IN FISH TISSUE |
| PESTICIDES | ATRAZINE |
| PESTICIDES | BENTAZON |
| PESTICIDES | BETA-BHC |
| PESTICIDES | BETA-ENDOSULFAN (ENDOSULFAN 2) |
| 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 | CHLOROBENZILATE |
| PESTICIDES | CHLOROPHENOXY HERBICIDES (2,4,5,-TP) |
| PESTICIDES | CHLOROPHENOXY HERBICIDES (2,4-D) |
| PESTICIDES | CHLOROTHALONIL |
| PESTICIDES | CHLORPYRIFOS |
| PESTICIDES | CHRORDANE |
| PESTICIDES | CYANAZINE |
| PESTICIDES | CYCLOATE |
| 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 THALATE |
| PESTICIDES | DINITRO-O-CRESOL |
| PESTICIDES | DINOSEB |
| PESTICIDES | DIPHENAMID |
| PESTICIDES | DIQUAT |
| PESTICIDES | DISULFOTON |
| PESTICIDES | DIURON |
| PESTICIDES | DYFONATE (FONOFOS OR FONOPHOS) |
| PESTICIDES | ELDRIN |
| PESTICIDES | ENDOSULFAN |
| PESTICIDES | ENDOSULFAN SULFATE |
| PESTICIDES | ENDOTHALL |
| PESTICIDES | ENDRIN |
| PESTICIDES | ENDRIN ALDEHYDE |
| PESTICIDES | ENDRIN IN SEDIMENT |
| PESTICIDES | EPTC |
| PESTICIDES | ETHELYNE DIBROMIDE |
| PESTICIDES | ETHOPROP |
| PESTICIDES | FIPRONIL |
| PESTICIDES | FLUOMETURON |
| PESTICIDES | FONOFOS |
| PESTICIDES | FORMALDEHYDE |
| PESTICIDES | GLYPHOSATE |
| PESTICIDES | GUTHION |
| PESTICIDES | HEPTACHLOR |
| PESTICIDES | HEPTACHLOR EPOXIDE |
| PESTICIDES | HEPTACHLOR EPOXIDE IN FISH TISSUE |
| PESTICIDES | HEXACHLOROBENZENE |
| PESTICIDES | HEXACHLOROCYCLOHEXANE |
| PESTICIDES | HEXACHLOROCYCLOHEXANE (HCH) |
| PESTICIDES | HEXACHLOROPHENE |
| PESTICIDES | HEXAZINONE |
| PESTICIDES | INDENO[1,2,3-CD]PYRENE |
| PESTICIDES | KEPONE |
| PESTICIDES | LAMDA-CYHALOTHRIN |
| PESTICIDES | LINDANE |
| PESTICIDES | LINURON |
| PESTICIDES | MALATHION |
| PESTICIDES | METHANOL |
| PESTICIDES | METHOXYCHLOR |
| PESTICIDES | METHYL BROMIDE |
| PESTICIDES | METHYL PARATHION |
| PESTICIDES | METOLACHLOR |
| PESTICIDES | METRIBUZIN |
| PESTICIDES | MIREX |
| PESTICIDES | MOLINAT (ODRAM) |
| 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 |
| PESTICIDES | TETRACHLORVINPHOS |
| PESTICIDES | TOXAPHENE |
| PESTICIDES | TOXAPHENE IN FISH TISSUE |
| PESTICIDES | TOXAPHENE IN SEDIMENT |
| 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 |
| 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 | ODOR |
| TASTE, COLOR, AND ODOR | TASTE |
| 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 | TOXICITY |
| TOTAL TOXICS | WATER COLUMN BIOASSAY |
| TOTAL TOXICS | WHOLE EFFLUENT TOXICITY (WET) |
| TOXIC INORGANICS | ANTIMONY |
| TOXIC INORGANICS | ASBESTOS |
| TOXIC INORGANICS | BORON |
| TOXIC INORGANICS | CYANIDE |
| TOXIC INORGANICS | CYANIDE (AS FREE CYANIDE) |
| TOXIC INORGANICS | FLUORIDE |
| TOXIC INORGANICS | HYDROGEN SULFIDE |
| 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-DICHLOROETHYLENE |
| TOXIC ORGANICS | 1,2-DIPHENYLHDRAZINE |
| TOXIC ORGANICS | 1,2-DIPHENYLHYDRAZINE |
| TOXIC ORGANICS | 1,2-PROPANEDIOL |
| TOXIC ORGANICS | 1,3-BUTADIENE |
| TOXIC ORGANICS | 1,3-DICHLOROBENZENE |
| TOXIC ORGANICS | 1,4-DICHLOROBENZENE |
| TOXIC ORGANICS | 1,4-DIOXANE |
| TOXIC ORGANICS | 2,2'-DICHLORODIETHYL ETHER |
| TOXIC ORGANICS | 2,2'-DICHLORODIISOPROPYL ETHER |
| TOXIC ORGANICS | 2,4,6-TRICHLOROPHENOL |
| TOXIC ORGANICS | 2,4-DIAMINOTOLUENE |
| TOXIC ORGANICS | 2,4-DICHLOROPHENOL |
| TOXIC ORGANICS | 2,4-DIMETHYLPHENOL |
| TOXIC ORGANICS | 2,4-DINITROTOLUENE |
| 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'-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 |
| 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 | 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]PYRENE |
| TOXIC ORGANICS | BENZO[A]PYRENE (PAHS) |
| TOXIC ORGANICS | BENZO[B,K]FLUORANTHENES |
| TOXIC ORGANICS | BENZO[B]FLUORANTHENE |
| TOXIC ORGANICS | BENZO[B]FLUORENE |
| TOXIC ORGANICS | BENZO[G,H,I]PERYLENE |
| TOXIC ORGANICS | BENZO[K]FLUORANTHENE |
| 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 |
| TOXIC ORGANICS | BIS(2-CHLORO-1-METHYLETHYL) |
| TOXIC ORGANICS | BIS(2-CHLOROETHOXY)METHANE |
| TOXIC ORGANICS | BIS(2-CHLOROISOPROPYL) ETHER |
| TOXIC ORGANICS | BIS(2-ETHYLHEXYL) PHTHALATE |
| TOXIC ORGANICS | BIS(N-OCTYL) PHTHALATE |
| TOXIC ORGANICS | BIS-2-CHLOROETHYL ETHER |
| TOXIC ORGANICS | BISPHTHALATE |
| TOXIC ORGANICS | BROMACIL |
| TOXIC ORGANICS | BROMODICHLOROMETHANE |
| TOXIC ORGANICS | BROMOFORM |
| TOXIC ORGANICS | BUTYL BENZYL PHTHALATE |
| 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 | CIS-1,2-DICHLOROETHYLENE |
| TOXIC ORGANICS | COAL ASH |
| TOXIC ORGANICS | COAL TAR |
| TOXIC ORGANICS | CONTAMINATED SEDIMENTS (BENZO[A]ANTHRACENE) |
| 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 | 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 | DI-N-BUTYL PHTHALATE |
| TOXIC ORGANICS | DINITROTOLUENE |
| TOXIC ORGANICS | DI-N-OCTYL PHTHALATE |
| TOXIC ORGANICS | DISINFECTION BY-PRODUCTS |
| TOXIC ORGANICS | DODECYLBENZENE |
| TOXIC ORGANICS | EPICHLOROHYDRIN |
| 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 | FLUORENE |
| TOXIC ORGANICS | FORMIC ACID |
| TOXIC ORGANICS | HALOMETHANES |
| TOXIC ORGANICS | HEXACHLOROBUTADIENE |
| TOXIC ORGANICS | HEXACHLOROCYCLOPENTADIENE |
| TOXIC ORGANICS | HEXACHLOROETHANE |
| TOXIC ORGANICS | HEXAMETHYLPHOSPHORAMIDE |
| 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 | 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 |
| 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 | 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-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 (FLORIDE) |
| TOXIC ORGANICS | OTHER TOXIC ORGANICS |
| 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 | PAH3 - 5 & 6 RING POLYCYCLIC AROMATIC HYDROCARBONS |
| TOXIC ORGANICS | PARALDEHYDE |
| TOXIC ORGANICS | PCE |
| TOXIC ORGANICS | P-DICHLOROBENZENE |
| TOXIC ORGANICS | PENTACHLOROBENZENE |
| TOXIC ORGANICS | PENTACHLOROPHENOL (PCP) |
| TOXIC ORGANICS | PERFLUOROOCTANE SULFONATE (PFOS) |
| TOXIC ORGANICS | PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TISSUE |
| TOXIC ORGANICS | PHENANTHRENE |
| TOXIC ORGANICS | PHENOL |
| TOXIC ORGANICS | PHTHALATE ESTERS |
| TOXIC ORGANICS | PHTHALIC ANHYDRIDE |
| TOXIC ORGANICS | PHTHLATE |
| 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 | PYRIDINE |
| TOXIC ORGANICS | QUINOLINE |
| TOXIC ORGANICS | QUINONE |
| TOXIC ORGANICS | RDX (HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE) |
| TOXIC ORGANICS | SAFROLE |
| TOXIC ORGANICS | SEC-BUTYL ALCOHOL |
| TOXIC ORGANICS | STYRENE |
| 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 | TRIBUTYLIN 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 | FLOATING DEBRIS |
| TRASH | TRASH |
| TURBIDITY | TOTAL SUSPENDED SOLIDS (TSS) |
| TURBIDITY | TRANSPARENCY / CLARITY |
| TURBIDITY | TURBIDITY |