

# ECOTOX SEARCH PLANNING FORM

Use this form to help plan your searches or to document searches for yourself or others to perform. You can also find this form in the ECOTOX User guide on the Help page.

## Chemicals

Chemical Names	CAS Numbers	Predefined Groups	
		<b>Metal Compounds</b>	<b>Organic Compounds</b>
		Aluminum	Conazoles
		Antimony	DDT and metabolites
		Barium	Dibenzofurans
		Beryllium	Endocrine Disrupting Chemicals (EDC)
		Cadmium	Glycol Ethers
		Chromium	Nitrosamines
		Cobalt	Phthalate Esters
		Copper	Polyaromatic Hydrocarbons (PAH)
		Iron	Polychlorinated Biphenyls (PCB)
		Lead	Polybrominated Diphenyl Ethers (PBDE)
		Manganese	Pharmaceutical Personal Care (PPCP)
		Mercury	Explosives
		Nickel	Major Ions
		Organotin	Neonicotinoids
		Selenium	Perchlorates
		Silver	Perfluorooctane Sulfonates/Acids
		Vanadium	-- (PFAS/PFOS)
		Zinc	
		Arsenic	

## Species

Scientific Names/ Taxonomic Levels	Common Names	Species Numbers	Predefined Taxonomic Groups
			<b>All Animals</b> Amphibians Insects/Spiders Molluscs Birds Other Invertebrates Reptiles Crustaceans Mammals Worms Fish <b>All Plants</b> Algae, Moss, Fungi Flowers, Trees, Shrubs, Ferns <b>Special Interest</b> Standard Test Species US Threatened/Endangered Species US Exotic/Nuisance

## Test Results

Endpoints: \_\_\_\_\_

Effect Groups:

\_\_\_ Accumulation

\_\_\_ Mortality

\_\_\_ Behavior

\_\_\_ Physiology

\_\_\_ Biochemical

\_\_\_ Population

\_\_\_ Cellular

\_\_\_ Reproduction

\_\_\_ Growth

\_\_\_ Ecosystem

\_\_\_ Specific Effect Measurements \_\_\_\_\_

\_\_\_ Include Delayed Effects

## Test Conditions

Test Location(s):

\_\_\_ Lab

\_\_\_ All Field Tests

\_\_\_ Field Artificial

\_\_\_ Field Natural

\_\_\_ Field Undeterminable

Exposure Media:

WATER: \_\_\_ Freshwater \_\_\_ Saltwater \_\_\_ Unknown

SOIL: \_\_\_ Artificial \_\_\_ Humus Litter \_\_\_ Manure \_\_\_ Mineral Soil \_\_\_ Natural Soil

\_\_\_ Unspecified Soil \_\_\_ Mixture

ARTIFICIAL: \_\_\_ Hydroponic \_\_\_ Other

Exposure Type:

\_\_\_ Diet

\_\_\_ Flow-through (aquatic)

\_\_\_ Injection

\_\_\_ Leaching (aquatic)

\_\_\_ Topical

\_\_\_ Intermittent (aquatic)

\_\_\_ Environmental

\_\_\_ Renewal (aquatic)

\_\_\_ Multiple Entry

\_\_\_ Lotic (aquatic)

\_\_\_ In-vitro

\_\_\_ Static (aquatic)

\_\_\_ Not Reported

\_\_\_ Lentic (outdoor aquatic)

\_\_\_ Tidal (outdoor aquatic)

Control Type:

\_\_\_ Concurrent

\_\_\_ Insufficient

\_\_\_ Multiple

\_\_\_ Multiple Controls

\_\_\_ Baseline

\_\_\_ Satisfactory

\_\_\_ Solvent

\_\_\_ Unsatisfactory

\_\_\_ Positive

\_\_\_ No Control

\_\_\_ Historical

\_\_\_ Not Coded

\_\_\_ Undefined

\_\_\_ Not Reported

\_\_\_ Other

Chemical Analysis: \_\_\_\_\_ Measured \_\_\_\_\_ Unmeasured \_\_\_\_\_ Not Reported

## Publications

Publication Years: \_\_\_\_\_

Author: \_\_\_\_\_

Reference Number(s): \_\_\_\_\_

Independently Compiled Data:

\_\_\_\_\_ EPA: Fathead Minnow Acute Toxicity

\_\_\_\_\_ EPA: Office of Pesticide Program Database

\_\_\_\_\_ Dutch Dataset:

\_\_\_\_\_ French Dataset:

\_\_\_\_\_ German Dataset:

\_\_\_\_\_ Russian Dataset:

\_\_\_\_\_ USGS Acute Toxicity Dataset:

Update Dates: \_\_\_\_\_

## Report Output

<b>Aquatic Output Elements</b> Standard default output elements are listed in <b>bold</b> . Some output options are available for Field Data only, and are indicated by (Field Only).	<b>Terrestrial Output Elements</b> Standard default output elements are in <b>bold</b> . Some output options are available for Field Data only, and are indicated by (Field Only).
<ul style="list-style-type: none"> <li>___ Alkalinity</li> <li>___ Application Date (field only)</li> <li>___ Application Date /Season (field only)</li> <li>___ Application Frequency</li> <li>___ Application Rate (field only)</li> <li>___ Application Type (field only)</li> <li>___ Author</li> <li>___ BCF Value</li> <li>___ Calcium</li> <li>___ CAS Number</li> <li>___ <b>CAS Number/ Chemical Name</b></li> <li>___ Chemical Analysis</li> <li>___ Chemical Carrier</li> <li>___ Chemical Comments</li> <li>___ Chemical Formulation</li> <li>___ <b>Chemical Grade</b></li> <li>___ Chemical Half Life (field only)</li> <li>___ <b>Chemical Purity</b></li> <li>___ Chemical Radiolabel</li> <li>___ Chlorine</li> <li>___ Concentration (Author)</li> <li>___ <b>Concentration (Standardized)</b></li> <li>___ Conductivity</li> <li>___ Control</li> <li>___ Dissolved Inorganic Carbon</li> <li>___ Dissolved Oxygen</li> <li>___ Doses</li> <li>___ EE Comment</li> <li>___ Effect</li> <li>___ Effect %</li> <li>___ Effect Measurement</li> <li>___ <b>Effect /Effect Measurement</b></li> <li>___ <b>Endpoint</b></li> <li>___ Endpoint Assignment</li> <li>___ Endpoint BCF value</li> <li>___ Experimental Design</li> <li>___ Exposure Duration (Author)</li> <li>___ Exposure Duration (Days)</li> <li>___ Exposure Sample Number</li> <li>___ Exposure Type</li> <li>___ <b>Exposure Type/Chemical Analysis method</b></li> <li>___ Gender</li> <li>___ General comments</li> <li>___ Geographic Code (Field Data Only)</li> <li>___ Geographic Location (Field Data Only)</li> <li>___ Habitat</li> <li>___ Habitat Code (Field only)</li> <li>___ Habitat Comment (Field only)</li> <li>___ Hardness</li> <li>___ Humic Acid</li> <li>___ Intake Rate</li> <li>___ Ionic Fraction</li> <li>___ Longitude/Latitude (Field Data Only)</li> <li>___ Magnesium</li> <li>___ Media Type</li> <li>___ Media Type/Test Location</li> <li>___ Number of Doses</li> </ul>	<ul style="list-style-type: none"> <li>___ Application Date (field only)</li> <li>___ Application Date /Season (field only)</li> <li>___ Application Frequency</li> <li>___ Application Rate (field only)</li> <li>___ Application Type (field only)</li> <li>___ Author</li> <li>___ <b>CAS Number/ Chemical Name</b></li> <li>___ <b>Chemical Analysis Method</b></li> <li>___ Chemical Carrier</li> <li>___ Chemical Comment</li> <li>___ Chemical Formulation</li> <li>___ <b>Chemical Grade</b></li> <li>___ Chemical Half Life (field only)</li> <li>___ Chemical Purity</li> <li>___ Chemical Radiolabel</li> <li>___ Control Type</li> <li>___ <b>Dose (Author)</b></li> <li>___ <b>Dose Number</b></li> <li>___ Dose Statistical Method</li> <li>___ Doses</li> <li>___ EE Comment</li> <li>___ <b>Effect</b></li> <li>___ Effect %</li> <li>___ Effect Measurement</li> <li>___ <b>Endpoint</b></li> <li>___ Endpoint Assignment</li> <li>___ Endpoint BCF/BAF</li> <li>___ Experimental Design</li> <li>___ Exposure Comment</li> <li>___ Exposure Duration (Author)</li> <li>___ Exposure Duration (Days)</li> <li>___ Exposure Sample Number</li> <li>___ <b>Exposure Type</b></li> <li>___ Exposure Type/Chemical Analysis method</li> <li>___ Gender</li> <li>___ General comments</li> <li>___ Geographic Code (Field Data Only)</li> <li>___ Geographic Location (Field Data Only)</li> <li>___ Habitat</li> <li>___ Habitat Code (Field only)</li> <li>___ Habitat Comment (Field only)</li> <li>___ Intake Rate</li> <li>___ Ionic Fraction</li> <li>___ Longitude/Latitude (Field Data Only)</li> <li>___ Media Cation Exchange Capacity</li> <li>___ Media Measurement</li> <li>___ Media Moisture</li> <li>___ Media Organic Matter and Type</li> <li>___ <b>Media Type</b></li> <li>___ Media Type/Test Location</li> <li>___ Observed Duration (Author)</li> <li>___ <b>Observed Duration (Days)</b></li> <li>___ Observed Response BCF/BAF</li> <li>___ <b>Organism Age</b></li> <li>___ Organism Comment</li> <li>___ Organism Initial Weight</li> <li>___ <b>Organism Lifestage</b></li> </ul>

<input type="checkbox"/> Number of Doses/Result Sample Unit <input type="checkbox"/> Observed Duration (Author) <input type="checkbox"/> <b>Observed Duration (Days)</b> <input type="checkbox"/> Observed Response BCF/BAF <input type="checkbox"/> <b>Organism Age</b> <input type="checkbox"/> Organism Comment <input type="checkbox"/> Organism Initial Weight <input type="checkbox"/> <b>Organism Lifestage</b> <input type="checkbox"/> Organism Source <input type="checkbox"/> Other Effects <input type="checkbox"/> pH <input type="checkbox"/> Potassium <input type="checkbox"/> Publication Year <input type="checkbox"/> <b>Reference Citation</b> <input type="checkbox"/> Reference Number <input type="checkbox"/> <b>Response Site</b> <input type="checkbox"/> Response Site/Exposure Duration (Days) <input type="checkbox"/> Result Percent Dry/Wet Weight <input type="checkbox"/> Result Comment <input type="checkbox"/> Result Percent Lipid <input type="checkbox"/> Result Sample Number/Unit <input type="checkbox"/> Result Sample Number <input type="checkbox"/> Result Sample Unit <input type="checkbox"/> Salinity <input type="checkbox"/> Season <input type="checkbox"/> Significance Level <input type="checkbox"/> Significance Level/Statistical Significance <input type="checkbox"/> Sodium <input type="checkbox"/> Species Common Name <input type="checkbox"/> Species ECOTOX Number <input type="checkbox"/> Species Final Weight <input type="checkbox"/> <b>Species Group</b> <input type="checkbox"/> Species NCBI TaxID <input type="checkbox"/> Species Scientific Name <input type="checkbox"/> <b>Species Scientific Name/Species Common Name</b> <input type="checkbox"/> Species Taxonomic Information <input type="checkbox"/> Statistical Significance <input type="checkbox"/> Steady State <input type="checkbox"/> Study Duration (Author) <input type="checkbox"/> Study Duration (Days) <input type="checkbox"/> Study Type <input type="checkbox"/> Substrate Code (Field only) <input type="checkbox"/> Substrate Comment (Field only) <input type="checkbox"/> Sulfate <input type="checkbox"/> Sulfur <input type="checkbox"/> Temperature <input type="checkbox"/> Test Location <input type="checkbox"/> Test Method <input type="checkbox"/> Test Number <input type="checkbox"/> Test Type <input type="checkbox"/> Trend <input type="checkbox"/> Trend/Effect % <input type="checkbox"/> Water Depth	<input type="checkbox"/> Organism Source <input type="checkbox"/> Other Effects <input type="checkbox"/> Publication Year <input type="checkbox"/> <b>Reference Citation</b> <input type="checkbox"/> Reference Number <input type="checkbox"/> <b>Response Site</b> <input type="checkbox"/> Response Site/Exposure Duration (Days) <input type="checkbox"/> Result Percent Dry/Wet Weight <input type="checkbox"/> Result Comment <input type="checkbox"/> Result Percent Lipid <input type="checkbox"/> Result Sample Number/Unit <input type="checkbox"/> Result Sample Number <input type="checkbox"/> Result Sample Unit <input type="checkbox"/> Significance Level <input type="checkbox"/> Significance Level/Statistical Significance <input type="checkbox"/> Soil Clay % <input type="checkbox"/> Soil Dose Measured <input type="checkbox"/> Soil pH <input type="checkbox"/> Soil Sand % <input type="checkbox"/> Soil Silt % <input type="checkbox"/> Soil Type <input type="checkbox"/> Species Common Name <input type="checkbox"/> Species ECOTOX Number <input type="checkbox"/> Species Final Weight <input type="checkbox"/> <b>Species Group</b> <input type="checkbox"/> Species NCBI TaxID <input type="checkbox"/> Species Scientific Name <input type="checkbox"/> <b>Species Scientific Name/Species Common Name</b> <input type="checkbox"/> Species Taxonomic Information <input type="checkbox"/> Statistical Significance <input type="checkbox"/> Steady State <input type="checkbox"/> Study Duration (Author) <input type="checkbox"/> Study Duration (Days) <input type="checkbox"/> Study Type <input type="checkbox"/> Substrate Code (Field only) <input type="checkbox"/> Substrate Comment (Field only) <input type="checkbox"/> Temperature <input type="checkbox"/> Test Comments <input type="checkbox"/> <b>Test Location</b> <input type="checkbox"/> Test Method <input type="checkbox"/> Test Number <input type="checkbox"/> Test Type <input type="checkbox"/> Trend <input type="checkbox"/> Trend/Effect %
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