



EcoAnalysts Laboratory Analyses

Ecotoxicology

Whole Effluent Toxicity (WET) Tests

Freshwater Acute Bioassays

Fathead minnow (*Pimephales promelas*)

Rainbow trout (*Oncorhynchus mykiss*)

Daphnid (water flea) (*Ceriodaphnia dubia*)

Freshwater Chronic Bioassays

Fathead minnow (*Pimephales promelas*) – Survival and Growth

Daphnid (water flea) (*Ceriodaphnia dubia*) – Survival and Growth

Marine Acute Bioassays

Inland Silversides (*Menidia beryllina*) – Survival and Growth

Opossum Shrimp (*Americamysis bahia*) – Survival and Growth

Topsmelt (*Atherinops affinis*) – Survival and Growth

Marine Chronic Bioassays

Inland Silversides (*Menidia beryllina*)– Survival and Growth

Topsmelt (*Atherinops affinis*) – Survival and Growth

Opossum Shrimp (*Americamysis bahia*) – Survival, Growth, and Fecundity

Pacific Herring (*Clupea pallasii*) – Embryo Development, Larval Survival and Growth

Bivalve Larvae Development (*Crassostrea sp.*, *Mytilus sp.*)

Echinoderm Larvae Development (*S. purpuratus*, *S. droebachiensis*, *S. franciscanus*, *D. excentricus*, *A. punctulata*.)

Giant Kelp (*Macrocystis pyrifera*) Germination and Growth

Bedded Sediment Tests

Solid-Phase Sediment Toxicity Test

Amphipods

Ampelisca abdita - 10 Day Survival

Eohaustorius estuarius - 10 Day Survival

Rhepoxynius abronius - 10 Day Survival

Grandidierella japonica - 10 Day Survival

Leptocheirus plumulosus - 10 Day Survival, 28 Day Survival, Growth, and Reproduction

Hyalella azteca - 10 Day survival and growth, 28 Day survival and growth, 42 Day Survival, Growth, and Reproduction

Midges

Chironomus tentans (*C. dilutus*) - 10 Day Survival and Growth, 20 Day Survival and Growth

Polychaetes

Neanthes arenaceodentata - 10 Day Survival, 20 Day Survival and Growth, 28 Day Survival and Growth

Suspended-Particulate Phase

Inland Silversides (*M. beryllina*) – 96 Hour Survival

Opossum Shrimp (*Americamysis bahia*) – 96 Hour Survival

Zooplankton Development Test (Bivalve or Echinoderm)

Sediment Bioaccumulation

Marine

Macoma nasuta – 28 Day Bioaccumulation Exposure

Nereis virens – 28 Day Bioaccumulation Exposure

Nephtys caecoides – 28 Day Bioaccumulation Exposure

Fresh Water

Lumbriculus Sp. – 28 Day Bioaccumulation Exposure

Taxonomy Lab Sample Analysis (Freshwater, Estuarine, and Marine)

Benthic infauna, epifauna, meiofauna

Zooplankton

Ichthyoplankton (larval fish)

Phytoplankton, Periphyton, Macroalgae, Cyanobacteria

Fish Stomach Contents

Biomass: wet weight, dry weight, ash-free dry mass, length-weight regressions

Chlorophyll a,b,c, and pheophytin corrections (Spectrophotometry-EPA 446.0, Fluorescence-EPA 445.0)

For More Information Contact: sales@ecoanalysts.com