



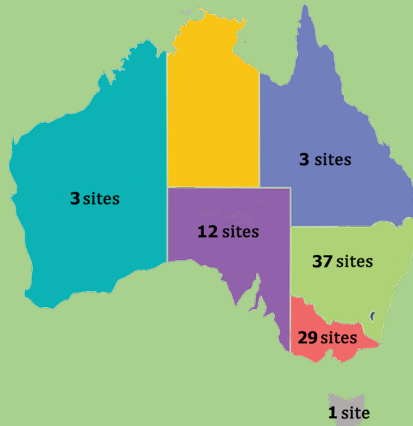
# PESTICIDE DETECTIVES

A national assessment of pesticides in waterways

Project Update August 2020

## SAMPLING BLITZ #4 Feb-Jul 2020

85 sites across 6 States/Territories





## FINAL RESULTS

Pesticides were detected at 7% of sites sampled:

1 each in SA & QLD  
 5 in VIC  
 6 in NSW

8 of the 16 sites were urban.  
 Types & numbers of pesticides detected:

Insecticides	Fungicides
7 	2 

## VOLUNTEER PARTICIPATION



28+ volunteers  
 11+ groups

## PESTICIDES DETECTED INCLUDE:

**Dieldrin** - Aldrin and Dieldrin are legacy organochlorine insecticides that were phased out in Australia together with other organochlorines in November 1997. They were used to control soil insects in crops such as corn and potatoes. Dieldrin was commonly used for the protection of wood against termites and wood borers.

**DDE/DDD** - Both DDE and DDD are metabolites of DDT, an organochlorine insecticide used to protect agricultural crops against insects in Australia and for mosquito control worldwide and has been banned in Australia since 1987.

**Chlorpyrifos** - Is an organophosphate insecticide used to control different kinds of insect pests. Chlorpyrifos acts on the nervous system of insects.

**Bifenthrin, Fenvalerate, Permethrin** - Synthetic pyrethroid insecticides used in a combination of home gardens, agriculture, commercial and domestic pest control.

**Tebuconazole and Propiconazole** - Tebuconazole is a broad spectrum fungicide used in home gardens, agriculture, turf grass & ornamentals for controlling foliar fungi. Propiconazole is a fungicide used on crops and for controlling turf pathogens.

### PROJECT FUNDING



### PROJECT PARTNERS

