



PESTICIDE DETECTIVES

A national assessment of pesticides in waterways

Project Update Dec 2019

SAMPLING BLITZ #2 Sept-Oct 2019

63 sites across 5 States/Territories



FINAL RESULTS

Pesticides were detected at less than 13% of sites

- 1 site in SA
- 2 sites each in NSW & VIC
- 3 sites in ACT

All 8 sites were dominated by urban land use.

Types & numbers of pesticides detected:

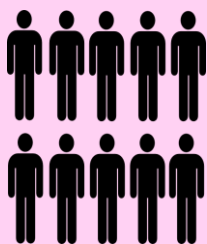
Insecticides



Fungicides



VOLUNTEER PARTICIPATION



30 volunteers
12+ groups

PESTICIDES DETECTED INCLUDE:

Aldrin/ Dieldrin

Legacy organochlorine insecticides banned in Australia since 1997. Aldrin breaks down into Dieldrin.

Synthetic pyrethroids-Bifenthrin & Permethrin

These insecticides are used in a combination of home gardens, agriculture, commercial and domestic pest control

Tebuconazole

Broad spectrum fungicide used in home gardens, agriculture, turf grass & ornamentals for controlling foliar fungi

PROJECT FUNDING



PROJECT PARTNERS

