



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:

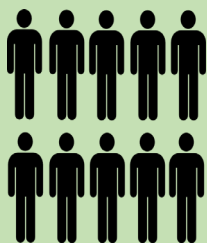
Insecticides



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



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CALL FOR VOLUNTEERS & SITE NOMINATIONS

NEXT SAMPLING ROUNDS February & April 2020

Want to learn about pesticides in your local waterway?
Join the pesticide detectives to collect sediments from your local waterway
as part of a national assessment of pesticides
in Australian creeks and rivers

How to get involved:

1. Nominate sites you'd like to sample
2. Receive your pesticide detectives sampling kit
3. Collect sediment samples from selected sites during sampling rounds in February and/or April 2020
4. Submit samples for analysis by our scientists
5. Compare results from your site to those collected nationally

Site nominations open now on our
website:

pesticidedetectives.com.au

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