

What is happening in your waterbody?

Once you have collected all your results in your data sheet don't forget to:

1. Enter them into the River Detectives website, and
2. Rate them to find out a little more about what is happening in your waterway.

Be a detective by looking at why your results are the way they are. Look at individual tests, especially those with ratings below good, and look at the potential causes (from this booklet). When thinking of causes for your site keep in mind:

- What happens in your catchment?
- Has there been rain recently?
- Is there a drain, a treatment facility, a farm (dairy, cropping, other) nearby?
- Has the result changed since last time you tested?
- Is there another group testing on the river nearby and what do their results look like?

Don't forget

Our waterways are all connected. You might need to think about things happening further upstream or in the surrounding catchment areas too.

If you think you have identified something that is an issue, please highlight this to your local coordinator.









Actions on ground

Communicating your results to the community is a great idea. You also might like to consider working with a local Landcare group on a revegetation project or lobby your local council to help the school make changes to improve your local waterway.






[illegible]

Water quality ratings - Melbourne region






pH

0-5	5 – 5.5	5.5 – 6	6 – 7	7 – 8	8 – 8.5	8.5 – 9	9 - 14
							
Very poor	Poor	Very good	Excellent	Very Good	Good	Poor	Very Poor






Reactive phosphorous (ppb)

0	0	0 – 100	100 – 300	500+
				
Excellent	Very Good	Good	Poor	Very Poor

Turbidity (NTU)

10 - 15	15 – 17.5	17.5 - 20	20 - 30	30 - 400
				
Excellent	Very Good	Good	Poor	Very Poor

Electrical Conductivity ($\mu\text{S}/\text{cm}$)

EAST	0 – 100	100 – 250	250 – 500	500 – 750	750 – 19,900
WEST	0 - 200	200 - 500	500 - 1000	1000 - 1500	1500 - 19,900
RATING					
	Excellent	Very Good	Good	Poor	Very Poor