



Water quality results

Contents

Water quality results	1
BOD (Biological Oxygen Demand) results	2
Suspended solids results	2
E. coli results.....	3
Glossary	3
Sampling points	4

BOD (Biological Oxygen Demand) results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 4
02 /3/23	<2	3	N/A	<2
04/3/23	Not tested	Not tested	Not tested	Not tested
05/3/23	Not tested	Not tested	Not tested	Not tested
07/3/23	Not tested	Not tested	Not tested	Not tested

N/A not available

Suspended solids results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 4
02/3/23	<2	23	40	12
04/3/23	<2	26	30	<2
05/3/23	<2	19	12	31
07/3/23	<2	18	12	14

E. coli results

Date	Sampling Point 1	Sampling Point 2	Sampling Point 3	Sampling Point 4
02/3/23	920	440	980	84
04/3/23	Not tested	Not tested	Not tested	Not tested
05/3/23	Not tested	Not tested	Not tested	Not tested
07/3/23	Not tested	Not tested	Not tested	Not tested

Glossary

Biological Oxygen Demand (BOD)	BOD measures the amount of dissolved oxygen used by aerobic microorganisms to break down organic material present in water. It's an important water quality measure as BOD directly affects the amount of dissolved oxygen in rivers and streams. The higher the BOD is, the more rapidly oxygen is depleted in the stream, which means there is less oxygen available to aquatic life.
Escherichia coli (E.coli)	E.coli are common bacteria, normally found in the gut of warm-blooded animals. There are many types of E.coli bacteria, most of which are harmless. However, some types of E.coli produce toxins (poisons) that can cause gastroenteritis (gastro). <u>Source: betterhealth.vic.gov.au</u>
Discharge point	This is the point where we release treated recycled water from the recycled water plant into the waterway.
pH	pH is a scale of acidity from 0 to 14. It tells us how acidic or alkaline the water is. More acidic water will have lower pH while more alkaline solutions have higher pH. Neutral solutions (that aren't acidic or alkaline usually have a pH of 7.
Recycled water	Water that has been derived from sewerage systems or industry processes and treated to a standard that is appropriate for its intended use. <u>Source: epa.vic.gov.au</u>
Suspended solids	Small solid particles that remain in suspension in water. This is an indicator of water quality. The more solids present in the water, the less clear the water will be.

