



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code:

Site description: *Riddells Creek @ Riddells Creek*

Name of monitoring group

Persons monitoring: *Karl Jesser*

Date and time of monitoring: *1st July 2019 1500hrs*

Please record your data below:

Parameter	Reading	Comments
Air Temperature	<i>11 °C</i>	
Water Temperature	<i>8.6 °C</i>	
Turbidity	<i>>10 NTU</i>	
pH	<i>8.5 Unit</i>	
Conductivity	<i>570 µS / cm</i>	
Dissolved Oxygen	<i>10+ mg / L</i>	<i>% Saturation</i>
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	<i>0.01 mg / L</i>	
Ammonium	<i>0 mg / L</i>	
Nitrate	<i>N/A mg / L</i>	

Observations and Notes:

What has changed since last time you monitored?

Slow but continuous flow has returned for 1st

What stands out about the site today?

*time this year 2019
(resumption sometime during June)*

Other observations:



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Waterway Information

Rate of flow:

- Very fast Fast Normal base flow Slow Trickle
 None Permanent Temporary Other

If 'Other', please specify:

Type of flow:

- Rising Steady Falling Peak Dry Pools / Puddles Other

If 'Other', please specify:

Waterway Appearance:

- Clear Muddy Smelly Frothy Scummy
 Oily Discoloured Milky Stained brown Other

If 'Other', please specify:

Waterway depth: 20 cm (0 to 3000cm)
Waterway width: 2-5 m (0 to 100m)

Weather:

- Sunny Cloudy Overcast Showers Rain
 Hail Windy Foggy Other

If 'Other', please specify:

Last rainfall:

- Raining now Last 24hrs Last 3 days Last 7 days More than a week ago

Litter / Pollutants (record no.):

- | | | | |
|---------------------------|-------------------|---|---------------------------------|
| <u>1</u> Cans | <u> </u> Paper | <u> </u> Clothing | <u> </u> Oil (m ²) |
| <u> </u> Food Packets | <u>1</u> Plastic | <u> </u> Polystyrene | <u> </u> Car bodies |
| <u> </u> Waxed Cardboard | <u> </u> Bottles | <u> </u> Petrol/Diesel (m ²) | <u> </u> Other (specify) |