

# Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: Barwon R Winchelsea R Site Code: BAR040  
 Name of Monitoring Group: \_\_\_\_\_  
 Person(s) Conducting the test: D Murphy  
 Date of test: 23.3.22 Time of test: 14:15

Site Risk Assessment Completed:  signature please: [Signature]  
 (see inside back cover flap) Please note any circumstantial hazards and additional risks (see below)

D.O.	<u>6.1 mg/L</u>	% sat.	<u>La Motte Smart 2</u>
Water Temperature		<u>18 °C</u>	
Air Temperature		<u>19 °C</u>	
pH	Tick if meter has been calibrated to pH 7 <input type="checkbox"/> & <del>pH</del> pH <input checked="" type="checkbox"/>	<u>6.9</u>	<u>Laqua twin</u>
Salinity	Tick if meter has been calibrated to 2000 EC <input type="checkbox"/>	<u>973</u> E.C.	<u>Laqua twin</u>
Reactive Phosphorus		<u>0.013 mg/L P</u>	<u>La Motte Smart 2 Reactive P = <math>\frac{0.04}{3} = 0.013</math></u>
Turbidity		<u>24</u> N.T.U./F.T.U.	<u>TN100</u>

**Weather conditions at the time of sampling:**  
 sunny     cloudy     overcast     raining     windy

**Rainfall:**  
 Last rainfall:     More than week ago     During the last week     During the last 24 hours     Raining now  
 Amount of rain \_\_\_\_\_

**Water flow**  
 Flow indicator \_\_\_\_\_ ML/day  
 Estimate of flow  
 Not flowing     Slow  
 Moderate     Rapid  
 Temporary     Permanent

**Water appearance**  
 Clear     Milky     Foamy /frothy  
 Muddy     Smelly     Stained green  
 Scummy     Oily     Stained brown  
 Other (description) \_\_\_\_\_

**Stream depth and width**  
 Depth indicator \_\_\_\_\_ metres  0 - 50 cm     51cm - 1m deep     1 to 2 metres  
 Average width of stream: \_\_\_\_\_ metres  2 to 5 metres     >5 metres     Unknown

**Drains**  
 Water flowing from drain   
 Color \_\_\_\_\_ Odour \_\_\_\_\_  
 No water flowing from drain

**Circumstantial hazard and additional risks**  
 Hazard: \_\_\_\_\_ Risk: \_\_\_\_\_  
 Risk Control Measures: \_\_\_\_\_

**Litter pollutants: (Tick type found)**

<input type="checkbox"/> paper	<input type="checkbox"/> bottles	<input type="checkbox"/> plastic	<input type="checkbox"/> polystyrene	<input type="checkbox"/> clothing	<input type="checkbox"/> car bodies
<input type="checkbox"/> packets	<input type="checkbox"/> cans	<input type="checkbox"/> waxed cardboard	<input type="checkbox"/> other	<input type="checkbox"/> oil	<input type="checkbox"/> petrol/diesel

To be completed on first testing of the year.

See the inside page of the back cover for the Habitat Survey Field Guide description.

Site Name:

Site Code:

Name of monitoring group:

Person(s) conducting the survey

Date of survey

Time of survey

a.m. / p.m.

**Stream Habitat Rating:**

Circle the appropriate rating for each component of the stream habitat.

Rating	Bank Vegetation	Verge Vegetation	In-stream Cover	Erosion & Stability	Pools, Riffles & Bends
Excellent	10	10	10	5	5
Good	8	8	8	4	4
Fair	6	6	6	3	3
Poor	4	4	4	2	2
Very poor	2	2	2	1	1

Add up all the numbers circled for a total score.

**Total Score:**

(The minimum score from this rating table is 8 and the maximum is 40)

Compare the total score with the range of scores below to assess the stream habitat rating.

Rating	Score	Rating	Score
Excellent	36 – 40	Poor	12 – 19
Good	29 – 35	Very poor	8 – 11
Fair	20 – 28		

Stream Habitat rating

**Comments:**

Record the names of the plants and animals you saw in/at the stream while surveying. Make separate species lists for Bank, Verge and In-stream habitats. Use a separate page if you need more space. Include any other relevant comments, eg. significant changes. Photos are a great record of changes in habitat.

*is close and industrial lands and other  
is not used by the community*