



Phys/Chem Record Sheet

Name of monitoring group: *SYCS* *Sydney Rd Community School in Julia*

Person (s) conducting tests: *Jonah and Milan*

Date of tests: *6/8/18* Time of tests: *12:48 PM*

Site name: *Merricreek, Ceres* Site code: *1 JMR 118*

Name of map or directory used: *Brunswick east*

Map number:

Easting Northing

Test	What it measures	Your result	Comments
Temperature <i>air</i>	Temperature	<i>13.5</i> °C	water <i>water 11.5</i> °C
Turbidity	Suspended solids/cloudiness	<i>11.5, 13, 21</i> NTU	<i>10, 10, 11.5</i>
pH	Acidity/alkalinity	<i>Ph 8.13, 7.5</i>	<i>7.7, 8.3, 7.8, 7.1</i>
Conductivity	Salinity/salts	<i>EC 1270, 1130</i> µS/cm	<i>1260, 1130, 1250</i>
D.O.	Dissolved oxygen concentration	% sat	
Nitrate	Nutrient levels	mg/L	
Soluble Phosphate	Nutrient levels	mg/L	
Stream flow	Flow rate	m ³ /s	

Calculating Stream Flow:

Stream Flow = stream height (m) x stream width (m) x stream velocity (m/s)

Note: stream velocity (m/s) = (length object travelled (m) x 0.9) / time (s).