



Licence No 4627 Publication of Monitoring Data
M8 St Peters Interchange – 10-16 Albert Street, St Peters

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Ambient Monitoring – Surface Water Quality

EPL No: 4627

Date of Sampling 23 March 2021

Date Received 20 April 2021

Date of Publication 7 May 2021

Pollutant	Unit	Frequency	Monitoring Point (EPA Identification Number)		
			SW1 (13)	SW2 (14)	SW3 (15)
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	150	51	340
Bicarbonate	milligrams per litre	Quarterly	150	51	340
Dissolved Oxygen	milligrams per litre	Quarterly	7.42	6.90	5.59
Electrical Conductivity	Microsiemens per centimetre	Quarterly	1203	289.4	2601
Nitrogen (Ammonia)	milligrams per litre	Quarterly	0.41	0.06	<0.01
pH	pH units	Quarterly	7.88	8.60	7.89
Potassium	milligrams per litre	Quarterly	28	7.1	55
Temperature	Degrees Celsius	Quarterly	20.2	19.6	21.7
Total dissolved solids	milligrams per litre	Quarterly	930	200	2400
Total Organic Carbon	milligrams per litre	Quarterly	13	5.1	21
Total Suspended Solids	milligrams per litre	Quarterly	<5	31	16

NOTES:

These samples are both the quarterly event as required by the EPL and the rainfall event with more than 100mm of rain within 24 hours.

EPL - Environment Protection Licence

< - less than