

Surface Water Results

December 2019

City of Newcastle - Summerhill Waste Management Centre

141 Minmi Road, Wallsend, NSW

Environment Protection Licence 5897 - Condition M2

Monthly rainfall = 3.2mm

Purpose of Sampling		Quarterly Monitoring
CN ID	EPL ID	02/12/2019
Parameter:		pH (pH unit)
SW55	55	7.7 ¹
SW56	56	7.87 ¹
SW57	57	7.02 ¹
SW58a	61	6.92 ²
SW59	66	7.34 ¹
Parameter:		Electrical Conductivity (µS/cm)
SW55	55	537 ¹
SW56	56	713 ¹
SW57	57	408 ¹
SW58a	61	393 ²
SW59	66	933 ¹
Parameter:		Suspended Solids (mg/L)
SW55	55	19 ¹
SW56	56	22 ¹
SW57	57	145 ¹
SW58a	61	17 ²
SW59	66	42 ¹
Parameter:		Ammonia (mg/L)
SW55	55	0.04 ¹
SW56	56	<0.01 ¹
SW57	57	<0.01 ¹
SW58a	61	<0.01 ²
SW59	66	0.15 ¹
Parameter:		Biochemical Oxygen Demand (mg/L)
SW55	55	2 ¹
SW56	56	<2 ¹
SW57	57	3 ¹
SW58a	61	16 ²
SW59	66	<2 ¹

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Final data obtained: 9/1/2019.
Date published: 30/1/2020

Notes:

CN = City of Newcastle

EPL = Environment Protection Licence

NR = no result (non-compliant sample, water body dry etc)

NA = Not applicable, sample not required

1. Water body not discharging from site - monitoring only

2. SW58a located in Wentworth Creek and impacted by other catchment activities.

A copy of the Environmental Protection Licence can be viewed at:

<http://app.epa.nsw.gov.au/prpoeoapp/>

A map showing the location of monitoring points can be viewed at:

<https://www.newcastle.nsw.gov.au/Living/Waste-and-recycling/Summerhill-Waste-management-Centre/Environmental-Monitoring/Surface-Water-Monitoring>