

RESULTS OF WATER ANALYSIS

3 samples supplied by Department for Environment and Water on 25/02/2022. Lab Job No. M6576.

Samples submitted by Stephen Madigan. Your Job: HCHB Project

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Parameter	Methods reference	Sample 1 Parnka Point 22/2/22	Sample 2 Snipe point 23/2/22	Sample 3 Long Point 22/2/22
	<i>Job No.</i>	<i>M6576/1</i>	<i>M6576/2</i>	<i>M6576/3</i>
Total Phosphorus (mg/L P)	In house method W4	0.04	0.09	0.05
Phosphate (mg/L P)	APHA 4500 P-G	0.032	0.086	0.007
Total Nitrogen (mg/L N)	In house method W4	2.16	3.04	0.86
Nitrate (mg/L N)	APHA 4500 NO ₃ ⁻ -F	<0.05	0.008	<0.005
Nitrite (mg/L N)	APHA 4500 NO ₂ ⁻ -I	<0.05	0.021	<0.005
Ammonia (mg/L N)	APHA 4500 NH ₃ -H	0.220	0.261	0.008
Chlorophyll 'a' (mg/L)	** APHA 10200-H	0.040	0.593	0.016
Algal Biomass (mg/L)	** Inhouse	2.7	39.7	1.0

Notes:

- 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
- Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
- Analysis conducted between sample arrival date and reporting date.
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- Results relate only to the samples tested.
- This report was issued on 09/03/2022.

