

Mr M Benton Manvers Lake Trust Manvers Waterfront Boat Club The Boathouse Station Road Wath-upon-Dearne Rotherham S63 7DG

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Report Ref: 24_12_EN260045_SW_02

Date of Issue: 3rd February 2025

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Water Testing – Manvers Lake

Sample were taken from Manvers Lake, on behalf of Manvers Waterfront Boatclub, on the 26th November 2024. The samples were submitted to SOCOTECs UKAS Accredited Microbiological Laboratory for analysis to determine Coliforms, E.Coli and Faecal (Intestinal) Enerococci.

The Analytical results were then compared against the Bathing Water Regulations 2013, based on the EC Bathing Water Directive 2006/7/EC. The limits, for both of these, are normally used for water that is tested on a regular basis, building up a statistical analysis over a number of samples, however the guidance values, illustrated below are still considered most appropriate for one-off or occasional testing.

Legislation	Quality Level	Coliforms E.Coli cfu/100ml cfu/100ml		Faecal Enterococci cfu/100ml	
	Excellent	-	< 500	< 200	
Inland Water Limits	Good	-	< 1000	< 400	
The Bathing Water Regulations 2013 EC Bathing Water Directive 2006/7/EC	Sufficient*	-	< 900	< 330	
	Poor (Fail)	-	> 900	> 330	

* The anomaly in limits between Good and Sufficient is based on a statistical measure of all samples, known as percentiles.

The results are given in the tables below:

Table 1

Date Sampled	Sample No	Sample Description	Confirmed Coliforms cfu/100ml	Confirmed E.Coli cfu/100ml	Presumptive Faecal Enterococci cfu/100ml
12/12/24	24_12_EN260045_01	Jetty Edge	45	29	33
12/12/24	24_12_EN260045_02	Headland	25	16	23



The results of the sample analysed fall comfortably within the 'Excellent' band when compared against 'the Bathing Water Regulations 2013 and EC Bathing Water Directive 2006/7/EC for Inland Waters'

If you require any further information or assistance please do not hesitate to contact me.

Yours sincerely

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Steven Wheatcroft Environmental Field Team Technologist Environment & Safety SOCOTEC UK Limited

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Certificate of Analysis

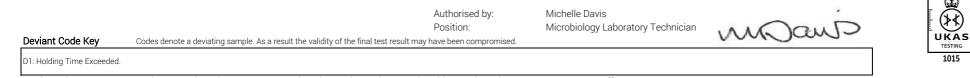


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TESTING 1015

Client:	SOCOTEC UK Limited, SOCOTEC Bretby, SOCOTEC House, Bretby Business Park, Ashby Road, Burton-upon-Trent, STAFFORDSHIRE, DE15 0YZ			Client Ref:	266348R243902
Date Received:	17/12/24	Date Reported:	20/12/24	Report ID:	BBR00029068/v1

		6 10 00 1	6 11 00 1	6 11 00 1	6 11 00 1
Unit Method No		cfu/100ml	cfu/100ml	cfu/100ml	cfu/100ml
		ENV/210/209	ENV209/208	ENV/246	ENV/226
Level of De	1 cfu/100ml	1 cfu/100ml	1 cfu/100ml	1 cfu/100ml	
Accredit	UKAS	UKAS	UKAS	None	
Tes	Total Coliforms	Confirmed E.coli	Confirmed Pseudomonas aeruginosa	Presumptive Faecal Enterococci	
Socotec Ref: BBR00029068-1	Client Ref: EN260045/01	D1	D1	D1	
Site: Manvers Lake	Sampled: 16/12/24 00:00				
Matrix: Water	Source: Jetty Edge	45	29	0	33
Tested: 17/12/24	Temp: N/A				
Socotec Ref: BBR00029068-2	Client Ref: EN260045/02	D1	D1	D1	
Site: Manvers Lake	Sampled: 16/12/24 00:00				
Matrix: Water	Source: Headland	25	16	0	23
Tested: 17/12/24	Temp: N/A				



Issuing Laboratory: Environmental North, SOCOTEC UK Ltd Bretby, Bretby Business Park, Ashby Road, Bretby, Burton-upon-Trent, Staffs, DE15 0YZ Any additional opinions or interpretations found in this report, are outside the scope of UKAS accreditation. TVC figures over 300 cfu or counts marked by an 'e' are approximate. Any temperatures included in the test report are outside the scope of UKAS Accreditation.