

Chiltern Water & Environment Limited

Derwent Business Centre, Clarke Street, Derby, DE1 2BU

Tel: 01844 347678

TEST CERTIFICATE

Location: Astbury Mere, Newcastle Road, Congleton, Cheshire, CW12 4HZ

Date: 13 April 2018

Time: 11.00

Parameter	Result	Bathing Water Regs 1991 Max. Limit ⁽¹⁾	Bathing Water Regs 2013 Max. Limit ⁽²⁾
Total coliforms, per 100 ml ⁽³⁾	282	10,000	-
E. coli, per 100 ml ⁽³⁾	220	2,000	1,000
Enterococci, per 100 ml ⁽³⁾	14	-	400
pH ⁽³⁾	9.1	6.0 to 9.0	-
Conductivity, µS/cm at 20°C ⁽³⁾	370	-	-
Odour ⁽⁴⁾	Nil	-	-
Appearance ⁽⁴⁾	Colourless, very slightly turbid	No abnormal change in colour	-
Transparency, metres ⁽⁴⁾	>1 metre	1 metre (minimum)	-
Surfactants ⁽⁴⁾	Not detectable	No lasting foam	-
Mineral oils ⁽⁴⁾	Not detectable	No surface film or odour	-
Phenols ⁽⁴⁾	Not detectable	No phenolic odour	-
Blue/green algae ⁽⁴⁾	No visible bloom	-	-

Comments:

- (i) Results comply with the quality standards given in The Bathing Waters (Classification) Regulations 1991 and The Bathing Water Regulations 2013.
- (ii) Under the 2013 Regulations this inland water would be classified as **"EXCELLENT"** if similar results were reported throughout the bathing season.

Date reported: 23 April 2018

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Robert Hunt, Director

- Notes:**
1. The Bathing Waters (Classification) Regulations 1991, which implemented EC Directive 76/160/EEC.
 2. The Bathing Water Regulations 2013, which implement EC Directive 2006/7/EEC.
 3. Laboratory tests undertaken by UKAS accredited laboratories of Alpha Scientific (UKAS 7620).
 4. On-site tests carried out by Fiona Ridley.