

**Water Testing Section  
Public Health Microbiology Laboratory  
Medical Microbiology Department  
University Hospital Galway**



Telephone: **Water Lab:** (091) 544954 **Food Lab:** (091) 544786 **Lab Office:** (091) 544916 Fax: (091) 542238

<b>Report Number.:</b> W-728/19	<b>Issue Date:</b> 20/05/2019	<b>Page 1 of 1</b>
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<b>Sanitary Authority:</b> Mayo County Council	<b>SPS Sample:</b> No
<b>Supply Code:</b> 2200 PRI 2557	<b>Date of Sampling:</b> 14-May-2019
<b>Name of Supply:</b> Callow Lake pGWS	<b>Reason for Sampling:</b> Check Compliance
<b>Sampling Point:</b> [REDACTED]	
<b>Sample Taken by:</b> [REDACTED]	
<b>Report to:</b> St. Marys Headquarters, Westport Rd., Castlebar, Co. Mayo	
<b>Water Sample Type:</b> Group Water Scheme - Private	
<b>Treatment Status:</b> Chlorinated	<b>Temp of Water at Sampling Point:</b> 8.9°C
<b>Residual Chlorine:</b> 0.92 ppm	<b>Total Chlorine:</b> 1.00 ppm

Note: All the information in the previous section, (including measurements), is supplied by the customer to the laboratory

**WATER ANALYTICAL TEST REPORT**

**Date Received:** 15-May-2019      **Date Analysed:** 15-May-2019

**Condition of Sample on Receipt:** Satisfactory

TEST	Lab Method No.	TEST Specification	RESULT	UNITS
MPN of Coliforms per 100mls	W18	Based on Env Agency UK: SCA MDW (2016) Part 4D	not detected	MPN per 100ml
MPN of E.coli per 100mls	W18	Based on Env Agency UK: SCA MDW (2016) Part 4D	not detected	MPN per 100ml
Cl.perfringens count	W5	Based on Env Agency UK: SCA MDW (2015) Part 6B	not detected	cfu per 100ml
Colony count per ml @ 22°C after 72 hrs	W4	Based on Environment Agency UK: MDW (2012) Part 7	none detected	cfu/ml

Technical Manager

Consultant Microbiologist

**THIS REPORT RELATES ONLY TO THE ITEMS TESTED AND SHALL NOT BE REPRODUCED EXCEPT IN FULL, AND WITH THE APPROVAL OF THE WATER TESTING SECTION, PUBLIC HEALTH MICROBIOLOGY LABORATORY, MEDICAL MICROBIOLOGY DEPARTMENT, UNIVERSITY HOSPITAL GALWAY.**

\* DENOTES NON-ACCREDITED TEST OR REPORT COMMENT



Feldhseannacht na Seirbhíse Sláinte  
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

PUBLIC ANALYST  
Email: PublicAnalystLab.UCHG@hse.ie  
Telephone: (091) 58 11 22  
Fax: (091) 58 12 12

Public Analyst's Laboratory,  
University Hospital,  
Seamus Quirke Road,  
Galway, Ireland

Lab Ref Number: W1358-2019

Date Printed: 21/05/2019

Drinking Water Regulations S.I. No. 122 of 2014:- CHECK MONITORING (Chemical Analysis)

Name of Supply: Callow Lake GWS Authority: Mayo County Council

Sampling Point:

Sampling Reason: Check Compliance

Requested by: ) EPA Ref No. 2200PRI2557

Date & Time Sampled 14/05/2019 15:00:00 Date Received: 15-May-2019

REPORT TO:

Castlebar Environmental Health Department  
Community Services, 3rd Floor  
St. Mary's Headquarter's  
Westport Road  
Castlebar  
Co. Mayo

Test No.	Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38*	Odour	Acceptable to consumers and no abnormal change.	2/3		None Detected	17/05/2019
33	Colour Pt-Co		2/6	mg/L	2.3	
46	Turbidity		2/7	NTU	0.6	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	8.2	
34	Conductivity @ 20°C	2500	2/8	µS/cm	265	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO <sub>3</sub>	50	2/37	mg/L	5.5	
21	Nitrite as NO <sub>2</sub>	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH <sub>4</sub>	0.30	2/37	mg/L	<0.03	
36	Iron as Fe	200	2/46	µg/L	<20	
37	Manganese as Mn	50	2/46	µg/L	<20	
	* Total Hardness as CaCO <sub>3</sub>		2/30	mg/L	125	
	* Total Alkalinity as CaCO <sub>3</sub>		2/30	mg/L	111	
	* Chloride as Cl	250	2/30	mg/L	24	
40*	Sulphate as SO <sub>4</sub>	250	2/30	mg/L	<20	
41*	Sodium as Na	200	2/38	mg/L	13	
	Potassium as K		2/39	mg/L	1	



Report Status Authorised

\*Denotes a non-accredited Test.

Note 1: This report shall not be reproduced except in full, without written approval of the laboratory

Note 2: This test report relates only to the sample tested.

Note 3: Any opinions, remarks and/or interpretations expressed above are outside the scope of accreditation

Note 4: The parametric value for Nitrite is 0.10 mg/L when the sample is taken at the Water Treatment Works

Blue type indicates a result that does not comply with the Parametric Value or Range & is outside the scope of accreditation.

Red type indicates a result that does not comply with the Parametric Value or Range.

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Executive Analytical Chemist