

**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

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

Authorised by
 Technical Manager

Certified by:
 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**



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Mr. Rory Mannion, PUBLIC ANALYST
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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:	Lisanumera, Swinford		
Sampling Reason:	Check Compliance		
Requested by:	an E.H.O.	EPA Ref No.	2200PRI2557
Date & Time Sampled	14/05/2019 15:00:00	Date Received:	15-May-2019

REPORT TO: E.H.O.
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 ₃	50	2/37	mg/L	5.5	
21	Nitrite as NO ₂	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH ₄	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 ₃		2/30	mg/L	125	
	* Total Alkalinity as CaCO ₃		2/30	mg/L	111	
	* Chloride as Cl	250	2/30	mg/L	24	
40*	Sulphate as SO ₄	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: Authorized

*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.

Executive Analytical Chemist