

# DRINKING WATER TESTING

Form must be completed and enclosed with your sample



Customer Name		Date sample bottles filled	
Address		Time sample bottles filled	
		Contact Number	
		Email	

## INSTRUCTIONS ON HOW TO TAKE THE WATER SAMPLE

1. Clean tap faucet with Methylated spirits or by flame
2. Run the water for five minutes
3. Remove cap from 1Ltr brown bottle and fill. Seal container. (Chemical Testing)
4. Remove cap from 250ml sterile bottle and fill. Close container. (Micro Testing)
5. Do not allow the top of the bottle to come into contact with either tap or hands
6. Complete details on the bottle label, attach to the sample bottle and also complete chain of custody form provided.

Please note sample location stated on these documents will be used on sample report

7. **Return samples to laboratory within six hours of sampling**
8. Please **notify laboratory prior to submitting any samples**
9. **Microbiological** samples are not accepted on Fridays or after 4pm Monday to Thursday



## Tests Available

Please tick the box if Wicklow County Council suit required

Suite A	<input type="checkbox"/>	Microbiological Testing only	€45.00
Suite B	<input type="checkbox"/>	Chemical Testing only	€150.00
Suite C	<input type="checkbox"/>	Chemical and Microbiological	€180.00

There is a standard turnaround of 12 working days. For faster results see page 2.

## Payment method

1. All tests must be paid for in full on delivery of the samples to our lab
2. If paying in cash, please provide the exact amount as we do not have change in the office

Credit Card  Cheque (payable to T.E. Laboratories)  Cash  Receipt

Accepted by: \_\_\_\_\_ Amount Paid: \_\_\_\_\_

Date: \_\_\_\_\_

## DRINKING WATER REPORT LAYOUT

Determinand	Method Ref. (Not on final report - For information only)	Sample ID	Drinking water	MAC Values
		Lab ID	111111	(as per SI 122 of 2014)
Alkalinity as CaCO <sub>3</sub>	SMEWW 2320B	n/a	320	-
Ammonia as NH <sub>4</sub>	SMEWW 4500-NH <sub>3</sub> F	**	<0.1	0.3
Calcium	TP004	**	126	-
Chloride	TP002	**	54	250
Colour (Pt-Co Units)	APHA Pt-Co method	n/a	3	-
Conductivity (uS/cm @ 20°C)	TP005	**	850	2500
Copper #	TP001	**	0.08	2
Iron # (see note 1)	TP001	**	<0.05	0.2
Langelier Index @ 15°C	Calculation	n/a	0.39	-
Langelier Index @ 80°C	Calculation	n/a	1.46	-
Lead (ug/l) #	TP015	n/a	1.2	10 ug/l
Magnesium	TP004	**	6	-
Manganese # (see note 1)	TP001	**	<0.03	0.05
<b>Nitrate</b>	TP002	**	<b>74 (See Note 2)</b>	<b>50</b>
Nitrite (see note1)	TP002	**	<0.2	0.5
pH (pH Units)	TP003	**	7.5	6.5 - 9.5
Total Hardness as CaCO <sub>3</sub>	TP004	**	339	-
Turbidity (FTU)	ISO 7027	n/a	<2	-
Zinc #	TP001	**	0.51	-
Escherichia coli (cfu/100mls)	SMEWW 9222B	n/a	0	0
<b>Total Coliforms (cfu/100mls)</b>	SMEWW 9222D	<b>n/a</b>	<b>9 (See Note 2)</b>	<b>0</b>

Results are expressed as mg/l unless stated otherwise.

\*\* = INAB Accredited Tests    ++ = Subcontracted Tests    n/a = Non-INAB Accredited Tests

The above results relate only to the sample tested.

This report should not be generated except in full and with the consent of T.E. Laboratories Ltd.

#: Analysis of metals are performed on the filtered sample.

Note 1: This LOD parameter does not meet the requirements specified for compliance with LOD as per SI 122 of 2014.

Note 2: See Drinking Water Information Sheet Test no's 4 and 9.

**Exceedances are highlighted in bold.**

MAC = Maximum Admissible Concentration.

**For faster results the following surcharges apply:**

1-2\*\*\*working days @ 100% surcharge

3-5 working days @ 50% surcharge

6-9 working days @ 30% surcharge

\*\*\* Not always possible. Please try to give some prior notification to avoid disappointment