



FITZ SCIENTIFIC - USER GUIDE TO SELECTING THE CORRECT MEDIUM FOR ANALYSIS

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MONITORING & TESTING

Introduction

This guide outlines the various mediums analysed by Fitz Scientific. It will help you distinguish between each medium so you can select correctly when creating a Chain of Custody. Selecting the correct medium is critical for the Certificate to be reported accurately.

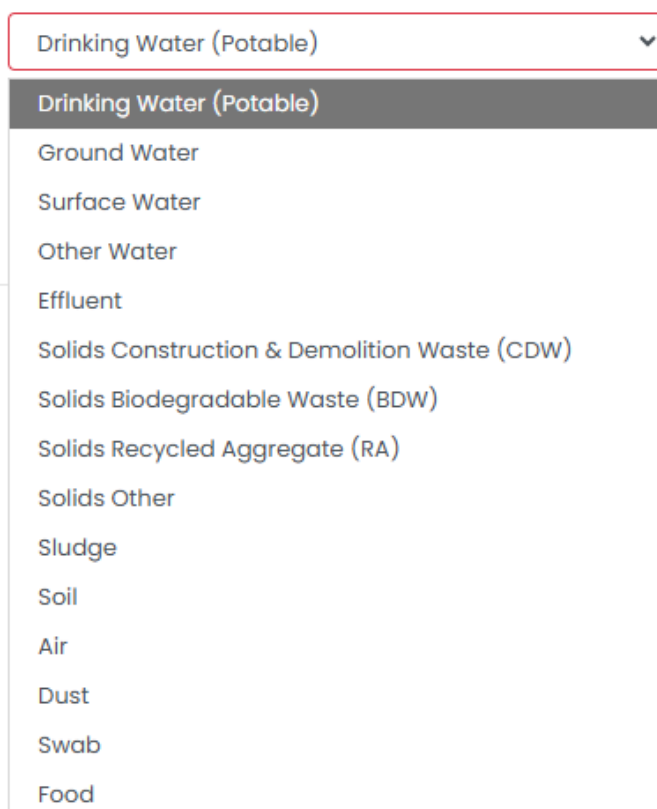
VERY IMPORTANT - The medium type selected when filling out the Chain of Custody on the Web Portal needs to agree with the Sample Test Parameters you need analysed.

If these two do not agree, then the Certificate will be either issued incorrectly, delayed or will need to be reissued as a supplementary Cert with an extra admin cost added on.

Please be very careful and take your time when logging in the sample to ensure to select the correct medium.

Please see below the drop-down menu of mediums. As a default the Drinking Water (Potable) (Potable) is already selected so this needs to be changed to the appropriate Medium for your specific sample Test Parameters. If you are unsure which is the correct medium contact us. This is an example of the drop-down menu you choose from when logging in samples.

Medium (Required)



Drinking Water (Potable) ▼

- Drinking Water (Potable)
- Ground Water
- Surface Water
- Other Water
- Effluent
- Solids Construction & Demolition Waste (CDW)
- Solids Biodegradable Waste (BDW)
- Solids Recycled Aggregate (RA)
- Solids Other
- Sludge
- Soil
- Air
- Dust
- Swab
- Food

If your sample is a **Soil or Solid Medium**, the following are the mediums available.

Solids Construction & Demolition Waste (CDW)

Solids Biodegradable Waste (BDW)

Solids Recycled Aggregate (RA)

Solids Other

Sludge

Soil

If your sample looks like...	And it came from...	Select Medium:
Mix of Concrete, Wood, Plastics, Soil, Metals	A building site or demolition project	Solids Construction & Demolition Waste (CDW)
Food waste, green waste, paper	A brown bin or composting facility	Solids Biodegradable Waste (BDW)
Crushed stone, brick, asphalt	A road project or processing facility	Solids Recycled Aggregate (RA)
Anything else (Ash, Dust, Filter Cake, Silt etc),	An industrial process or unknown source	Solids Other
Very wet, mud-like consistency	A water/ sewage plant or industrial plant	Sludge
Natural Dirt, Earth, Clay, Loam, Sand, Excavated Earth, Stone, Rubble	A greenfield, garden, or farm	Soil

Please ensure you select the correct medium when you are logging the sample.

If your sample is a **Water Medium**, the following are the mediums available.

Drinking Water (Potable)

Ground Water

Surface Water

Other Water

Effluent

If your sample looks like...	And it came from...	Select Medium:
Clear, Transparent, Tap Water	Private Well or Public Mains Supply	Drinking Water
Water pumped from a borehole	Below the Earth's surface	Ground Water
Rainwater, Runoff Water, Open Body of Water	Lake, River, Reservoir, Stream, or Stormwater	Surface Water
Any other water (e.g. Brine)	Any other source.	Other Water
Wastewater or Industrial Discharge	Treatment Plant, Pipe, or Septic Tank.	Effluent

Reasons why it is very important to select the correct Medium when logging samples:

- Samples may be delayed at the login or reporting stage.
- A deviancy on holding time may appear on the certificate.
- The results may be reported incorrectly.
- A supplementary cert may need to be issued at an extra cost.

Always double check the online Chain of Custody for the Medium Selected against the Sample Test Parameters so that it is correct and ready for uploading by the laboratory Log in Team.

Please contact our Customer Services team if you need any further clarification on choosing the correct medium type by emailing customerservice@fitzsci.ie

More User Guides are available at <https://www.fitzsci.ie/customer-services>