Solids

Solids

Sludges and soils, which count with completely different physical-chemical characteristics, are included in this group of schemes.

A sludge, also called mud, is defined as a semisolid residue which is produced, decanted or settled during a water treatment. They are generated in the septic tank of houses, shopping malls, offices or industries, or produced in a water treatment plant, as well as control units of atmospheric emissions.

A soil is the uppermost layer of Earth´s crust, which results of the decomposition of rocks by sudden temperature changes and by the action of the water, wind and living beings. The chemical composition and physical structure of the soil at a certain location are determined by the type of geological material that originates, by the vegetal cover, by the time that weathering has acted, by topography and by artificial changes resulting from human activities.

The study of physical-chemical and microbiological parameters in this matrix allows evaluating its quality, conservation and proper management.

Soils: Physical-chemical

[ref. 990017]

Round I
Week 42 ***13th October 2026***
Arsenic Cadmium Calcium Chromium Conductivity at 20ºC Copper Iron Lead Magnesium Manganese Mercury Nickel pH Potassium Sodium Total phosphorus Zinc

Metals will be determined as 'total metals'

Sludges: Physical-chemical

[ref. 990013]

Round I	Round II
Week 13 ***23rd March 2026***	*Week 37* ***7th September 2026***
Arsenic Cadmium Chromium Copper Iron Kjeldahl nitrogen Lead Manganese Mercury Nickel pH Zinc	Aluminium Cadmium Chromium Conductivity at 20ºC Copper Lead Mercury Nickel Total organic matter Total phosphorus Zinc

Metals will be determined as 'total metals'

Sludges: Microbiology

[ref. 990027]

Round I
Week 21 ***18th May 2026***
Clostridium perfringens *Escherichia coli* Faecal coliforms Intestinal enterococci *Salmonella* spp. Total coliforms

Solids in Wastewater

[ref. 990016]

Round I	Round II
Week 7 ***9th February 2026***	*Week 19* ***4th May 2026***
Dissolved solids at 105ºC* Fixed suspended solids* Fixed total solids* Settleable solids* Suspended solids Total solids at 105ºC* Volatile suspended solids* Volatile total solids*	Dissolved solids at 105ºC* Fixed suspended solids* Fixed total solids* Settleable solids* Suspended solids Total solids at 105ºC* Volatile suspended solids* Volatile total solids*

** Parameter not included in the scope of accreditation*