



GENERAL MINERAL ANALYSIS

ELECTROMEDIA® FILTRATION SYSTEMS

This General Mineral Analysis Form includes general information and other essential data needed for the proper design of the pre-treatment and filtration system. The tests are to be performed by qualified personnel with appropriate water quality monitors. If customer personnel are not qualified, we suggest that an independent certified laboratory be hired to perform these tests, to ensure that the test data provided to Filtronics is accurate and complete. Please complete this form for each well that is to be treated.

Type *

Name *

First Name

Last Name

Address *

Street Address

Street Address Line 2

Email *

example@example.com

Phone Number *

Area Code Phone Number

General Information

Project Name *

Well No.: *

Well Flow: *

Static Pressure *

psi

Working Pressure *

psi

Reservoir Capacity *

Backwash Water Source *

- System
- Separate Tank

Backwash Water Disposal to *

- Sewer
- Drying Bed
- Holding Tank
- Other-Specify

Backwash Water Reclaim system required *

- Yes
- No

Numbers of wells to be filtered *

Please complete one form per well

New well? *

- Yes
- No

Well flow rate when sample taken *

gpm

Mineral Analysis

CATIONS

Arsenic, As

--- (---)

Iron, Fe

mg/1 (ion)

Manganese, Mn

mg/1 (ion)

Magnesium, Mg

mg/1 (ion)

Calcium, Ca

mg/1 (ion)

Sodium, Na

mg/1 (ion)

Potassium, K

mg/1 (ion)

ANIONS

Bicarbonate as HCO₃

mg/1 (ion)

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mg/1 (ion)

Chloride, Cl

Sulfate, SO₄

mg/1 (ion)

Fluoride, F

mg/1 (ion)

Nitrate, NO₃

mg/1 (ion)

Phosphorous, PO₄

mg/1 (ion)

Carbon Dioxide, CO₂ (Calculated)

mg/1 (ion)

Hardness as CaCO₃

mg/1 (ion)

Alkalinity as CaCO₃

mg/1 (ion)

Total Dissolved Solids, TDS

mg/1 (ion)

Total Organic Carbon TOC

Lab pH (@ _°F)

mg/1 (ion)

Field pH (@ _°F)

mg/1 (ion)

Lab Hydrogen Sulfide, H₂S

mg/1 (ion)

Water Temperature (In °F)

mg/1 (ion)

Conductivity

mg/1 (ion)

Turbidity

mg/1 (ion)

Ammonia Nitrogen (NH₄)

mg/1 (ion)

RO and Arsenic Applications:

Silica, SiO₂

Barium, Ba

mg/1 (ion)

Strontium, Sr

mg/1 (ion)

Vanadium, V

mg/1 (ion)

NOTES:

1. Please follow your laboratory's instructions for proper sampling, preservation, and handling procedures.
2. Please submit Your completed form along with all supporting documentation to: info@filtronics.com