



Services Industriels
BEST *H₂O inc.™*

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General Mineral analysis form

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.**

_____	_____				
Customer	Consulting Engineer				
_____	_____				
Address	Address				
_____	_____				
City	State	Zip Code	City	State	Zip Code
_____	_____	_____	_____	_____	_____
Telephone	Fax	Telephone	Fax		
_____	_____	_____	_____		
Project Engineer	Project Engineer				

General Information

Project name _____ Well no. _____

Well Flow _____ gpm Static Pressure _____ psi

Working Pressure _____ psi Reservoir Capacity _____ gallons

Backwash Water source: System Separate tank
Backwash Water Disposal to:

- Sewer
- Drying Bed
- Holding Tank
- Other- specify

Backwash Water Reclaim system required:

- Yes
- No

Number of wells to be filtered _____ (Please complete one form per well)

New well? Yes No
Well flow rate when samples taken _____ gpm

General mineral analysis

<u>Cations</u>	<u>mg/l (ion)</u>
Arsenic, As	_____
Iron, Fe	_____
Manganese, Mn	_____
Calcium, Ca	_____
Sodium, Na	_____
Potassium, K	_____
<u>Anions</u>	
Bicarbonate as HCO ₃	_____
Choloride, Cl	_____
Sulfate, SO ₄	_____
Fluoride, F	_____
Nitrate, No	_____
Carbon Dioxide, CO ₂ (calculated)	_____
Hardness as CaCO ₃	_____
Alkalinity a CaCO ₃	_____
Total Dissolved Solids, TDS	_____

Total Organic Carbon TOC

Lab pH (_____ °F)

Field pH (_____ °F)

Lab Hydrogen Sulfide, H₂S

Water Temperature (In °F)

Conductivity

Turbidity

Ammonia Nitrogen (NH₄)

RO and Arsenic Application

Silica, SiO₂

Barium, Ba

Strontium, Sr

Notes:

1. Please provide schematic drawing of system including well(s), Distribution main, reservoir, and proposed treatment plant site plot plan. Include minimum and maximum amount of water stored in reservoir.
2. Field testing can be performed to accurately determine system performance using our full-scale 20 diameter skid mounted Electromedia pilot unit or a smaller portable version for a treatability study. From either of these studies, the data developed is sufficient for Filtronics to warrantee the effluent water quality.
3. Please follow your laboratory's instructions for proper sampling, preservation, and handling procedures.