



Attn: Water Treatment Engineering Lab
9332 N 95th Way, Suite B 106
Scottsdale, AZ 85258

In order to understand and discuss your application and Arsenic concerns, we need a clear picture of your water system and conditions. Please fill out the following form as completely as possible.

Return completed form to: engineering@apewater.com. For questions call: 480-998-4097

| WATER PROFILE ANALYSIS | | | |
|--|--|-----------------------------|--|
| Date: | | # of Wells: | |
| Name: | | # of Connections: | |
| Title: | | Max Design Flow (GPM): | |
| Company / Utility: | | Average flow (GPM): | |
| Phone: | | Average Daily Usage (GPD): | |
| Email: | | Average Annual Usage (GPY): | |
| Site/Well Location: | (City/ST): | Total system pressure: | |
| Type of System: | (Single/Multi-unit well, Utility, Commercial/ Industrial etc.) | Referral Source? | |
| Current Water Treatment: | | | |
| Comments, goals, additional information: | | | |

* MINIMUM data required in order to definitively estimate treatment system capital costs, media life, and operational costs.
Our Performance Estimating Software will not run without this data.

| Parameter: | Test Results: | Unit: (ppb =ug/L, ppm =mg/L) | Parameter: | Test Results: | Unit: (ppb =ug/L, ppm =mg/L) |
|-----------------------------|---------------|------------------------------------|------------------------------------|---------------|------------------------------------|
| As (Arsenic) * | | ppb | pH at Well Head * | | Units |
| SiO ₂ (Silica) * | | ppm | V (Vanadium) * | | ppb |
| Fe (Iron) * | | ppb | HCO ₃ (Bicarbonate) | | ppm |
| Mn (Manganese) * | | ppb | F- (Fluoride) | | ppm |
| P (Phosphorus) Total * | | ppb | Alkalinity | | ppm |
| Ca (Calcium) | | ppm | Hardness (CaCO ₃) * | | ppm |
| Mg (Magnesium) | | ppm | Turbidity (Total Suspended Solids) | | NTU or ppm |
| B (Boron) | | ppb | TDS (Total Dissolved Solids) | | ppm |
| Ba (Barium) | | ppb | Conductivity | | S/m |
| SO (Sulfate) | | ppm | Nitrate as N | | ppm |



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Average annual usage?

What is the incoming PSI from the well pump?

Any other pretreatment systems in place upstream of the arsenic system?

Any type of space constraints?

Is there an existing well house? Dimensions/space available

Is there a wastewater recapture system or backwash restrictions?

Is there access to treated water near system for backwash if necessary?

Any existing drawings or photos? Existing water treatment systems, building plumbing, etc.

Are there any other standards or requirements for the treatment process or effluent water?

What is the electricity available?

Any plumbing requirements? Flex piping, PVC, SS