

Advanced Water Treatment Solutions



3" Iron & Manganese well water pilot test

ELECTROMEDIA® PILOT TEST

Once we have received your General Mineral Analysis, actual field tests determine the treatability of the water source. The purpose of the pilot testing is to verify removal efficiencies and ascertain the operating costs. Chemical feed rates and electrical costs are also determined during the process. All tested water samples are sent to an independent laboratory for verification of field testing. A pilot test provides the basis for the Filtronics performance warranty.

Filtronics "full scale" pilot units provide long term, real time data. The 20" unit is the smallest full size filter we manufacture. The unit provides approximately 2 square feet of filter area and can be applied to flows of 10 to 30 gallons per minute depending on the application. The unit is fully automated. All pilot tests include one technician on-site for up to five days to provide assistance and training. Full technical support is available by phone.

Applications

- Lake, reservoir and spring water filtration for turbidity and color
- Ground water under the influence of surface water
- Iron & Manganese Removal
- Arsenic Removal
- Radium and radionuclides removal
- Industrial recycle streams
- Cooling tower side streams
- Heavy metal waste discharge streams
- Pre-reverse osmosis filtration
- Pre-ion exchange filtration
- Ground water remediation
- Process water filtration

**THE PILOT TEST ENABLES US
TO DESIGN AND WARRANTY
THE PERFORMANCE OF THE
FULL SCALE SYSTEM.**

Advanced Water Treatment Solutions

3" Pilot Unit



20" Pilot Unit

ELECTROMEDIA® PILOT TEST

To complete a pilot test, the customer furnishes:

- One each 40 AMP 120 VAC connection
- Site security
- On-site assistance during set up of pilot unit
- Sample bottles, chains of custody, coolers, shipping, and contact information for laboratory analysis of split samples
- Water supply to pilot unit of up to 45 gpm at 20 to 40 psi through a two inch connection
- Chemicals
- Sewer or waste connection for filter discharge at 20 gpm and backwash flow of up to 45 gpm.
- Level site for pilot unit placement
- Automobile access to site

Under normal conditions, Filtronics will furnish:

- Up to five days, one person, eight hours per day of on-site assistance and training to place the unit in operation.
- Pilot report with narrative of pilot events, summary of data, and graphic presentation of field and laboratory results.
- On-site analytical equipment.
- Free telephone support for assistance during installation and operation of the unit.

FILTRONICS REQUIRES A MINIMUM OF 10 BUSINESS DAYS NOTIFICATION PRIOR TO THE DATE YOU ARE REQUESTING PILOT TESTING. THIS PERIOD OF TIME IS REQUIRED TO ALLOW FILTRONICS SUFFICIENT TIME FOR EQUIPMENT & PERSONNEL SCHEDULING AND TRAVEL RESERVATIONS.

3726 E. Miraloma Ave., Anaheim, CA 92806
Phone: 714-630-5040 • Fax: 714-630-1160
email: info@filtronics.com • www.filtronics.com