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Episode 37 Substitution Solutions

The ability to substitute one product for another comes in handy. This podcast covers common substitutions available to professional water treatment dealers when they are in a pinch.

Cation Softening Resin

- No 8% crosslink resin in stock? Try 10% crosslink resin. 10% is commonly used on city water systems where chlorine exceeds the resin specification of less than 0.10 ppm.

Iron Removal Products

- Greensandplus® and Pyrolox® Advantage- substitute one for the other.
- Clack's FilterOx™ is Pyrolox® Advantage under a different name.
- Katalox Light is a direct drop in – be aware of the increase in pH.
- Cerapure-MAC – also a direct drop in with bacteriostatic properties to inhibit growth of slime.
- Birm™ is **not a direct drop in** substitution.

Multimedia – Garnet, Gravel, Sand, Anthracite filters down to 15 microns.

- Rather than multimedia try Filter-Ag Plus® aka Turbidex™.
 - Less frequent backwashing saves water/waste water.
 - Filters down to 5 microns.
- Chemsorb can be used in place of multimedia.
- Filter-Ag® – **is not a direct substitute** for multimedia or FilterAg Plus

Arsenic Media

- Purolite FerrIX® A33E and ResinTech ASM-10-HP are interchangeable.
 - BEFORE APPLYING CONTACT YOUR SUPPLIER or OEM WITH COMPLETE WATER ANALYSIS!
- Graver Metsorb® HMRG is not a direct substitute but should be considered for arsenic and heavy metals removal/reduction.

Activated Carbon

- Use 12x40 Coconut or 12x40 Coal for dechlorination.
 - For the coal based carbon the initial backwash may be longer but its ability to remove chlorine is the same.
- Calgon's CENTAUR is a coal based catalytic carbon and depending on the application CENTAUR C or Jacobi CX-MCA or Haycarb WAC can be substituted.



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Stenner

- Stenner's new S10P can be substituted for Econ FP. It has a built-in PCM.

System Valves

- Building a system? If you can't find a Fleck 9000 or 9100 and consider Clack WS1 Twin or vice versa.
- Or – use 2 Clack valves, WS1EE, and put a MAV, Motorized Alternating Valve, between them and it acts as a twin system.

Distributor Tubes

- Distributor tube broken? Use a 3/4" schedule 40 coupling and pipe and glue it together.
- Don't use schedule 80!

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