

*"Alumer™ reduces total treatment costs by providing improved performance compared to other types of coagulants."*

Our customers have consistently found that Alumer™ provides:

- Lower chemical dosages and costs
- Reduced turbidity
- Less sludge formation
- Improved TOC removal
- Reduced post-treatment pH adjustment

Contact Us:

ASI  
(440) 933-9442

USALCO  
(410) 918-2230  
info@usalco.com

## Premium Blended Coagulant System

Water treatment facilities are faced with unique challenges to treat their water supply in today's dynamic environment. Stricter EPA regulations, cost pressures, varying raw or feed water properties, and new security issues will all affect the decisions that water treatment facilities make to cost-effectively manage their plants.

Applied Specialties, Inc (ASI) has teamed with USALCO, an experienced manufacturer of aluminum sulfate, to provide an Alum/Polymer blend product line called Alumer™ that provides the benefits needed to successfully meet the many challenges that water treatment facilities are facing.

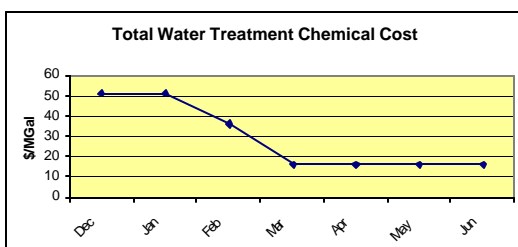
Alumer™ is available in a variety of custom formulations that are specifically tailored for each application. These products are being applied at a number of different facilities in various types of water across the Midwest and Great Lakes regions. All Alumer™ products are certified to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals – Health Effects.

## Alumer™ Benefits

ASI/USALCO applications experts have successfully converted many water treatment facilities to an Alumer™ program utilizing their technical expertise and extensive product knowledge. Here are some of our Alumer™ conversion highlights:

- ❑ TOC content reduced by 50%.
- ❑ Total chemical costs reduced by \$160,000 per year.
- ❑ Replacement of multiple coagulants (and/or filter aids) with one product (and one feed system).
- ❑ Finished water turbidity reduced from 0.8 to 0.1 ntu.
- ❑ Sludge generation reduced by 50%.
- ❑ Coagulant dosage reduced by 60%.
- ❑ Filter runs improved by 150%.
- ❑ Post-treatment pH adjustment eliminated.

## Case History



After converting to Alumer™, this facility was able to reduce its total chemical costs by over 30%. Our proven ability to blend iron-free, low-contaminant alum with a variety of highly effective polyelectrolytes provides a unique synergy never found in previous alum/polymers blend systems. Please contact us for more information.

