



NANONET FEP FOR PROCESS WATERS

Freshwater Clarification & Pretreatment

Optimize your pretreatment process with NanoNet FeP to clarify freshwater no matter where it comes from or what your KPIs are.

An Unconventional Solution for Conventional Needs

NanoNet FeP is the most effective method for pretreating influent from freshwater sources while keeping your costs low. As an unconventional flocculant in both its application and exceptional ability to treat water, NanoNet FeP outperforms traditional water clarification chemical treatments when used alongside the coagulant aluminum chlorohydrate (ACH).

Worry less about equipment efficiency and reach your clarification KPIs when using NanoNet FeP to clarify your water.

Pretreatment Applications

- Reverse Osmosis
- Ion Exchange
- Process Water
- Cooling Towers
- Boiler Feedwater

<p>Reach KPIs</p> <p>Produce more clarified water at the standard you need. Achieve better settling to filter out flocs easily even in low turbidities.</p>	<p>Mitigate Equipment Downtime</p> <p>Protect downstream equipment and avoid expensive maintenance by using optimal pretreated freshwater.</p>	<p>Apply Anytime</p> <p>Treat more types of water and conditions than traditionally-used DADMAC is able to (and do it better).</p>
<p>Reduce Chemical Costs</p> <p>Compared to DADMAC alone, NanoNet FeP makes your chemical package go further, saving up to 55%* on chemical costs.</p>	<p>Simplify Your Process</p> <p>While typical coagulants and flocculants require expensive makedown systems, NanoNet FeP does not.</p>	<p>Rely on the Best</p> <p>NanoNet FeP effectively removes silica, clay, iron, and other particles over a wide range of seasonal turbidity variations common to surface water supplies.</p>

*Based on testing of five freshwater sources where polyDADMAC could only treat two and NanoNet FeP could treat all five. The estimated savings found in the two overlapping testing sites ranged from 20-55%.

Industries

-  Energy
-  Chemical Manufacturing
-  Pulp & Paper
-  Refineries (Oil & Gas)

About CarboNet

CarboNet is a specialty chemical company that develops proprietary blends of polymer and surfactant nanoparticles designed to treat industrial wastewaters. We are the creators of NanoNet technology and the NanoNet platform which provide a cost-effective, low-risk solution for removing key produced water constituents including heavy metals, dissolved and suspended solids, bacteria, and hydrocarbons.