



Dear Environmental Professional:

We specialize in solving problems caused by fouling. Fouling of wells, pumps and treatment equipment is one of the most pervasive, technically challenging and expensive operations problems in groundwater remediation. Redux Technology was established in 1990 to assist consultants, owners and operators of remedial systems to cost effectively address these problems.

Prior to 1990, I was Engineering Manager at a major hands-on groundwater remediation consulting firm. That meant I was the guy you'd call when a system wasn't running the way it was designed to run. Through this experience, I started to see how often remedial systems failed as a result of unforeseen fouling problems. I also realized how expensive the problem could be. I tried every "solution" to the problem that was available, and most were either cost-prohibitive or ineffective. Well and pump fouling have been a problem ever since man started pumping water out of the ground. However, that problem is often more complicated, and significant, when the water you are handling is contaminated. This is not only because inorganic species which cause certain types of fouling are more soluble in contaminated groundwaters, but also because of the increased microbial activity in contaminated waters. I concluded this new type of fouling problem needed a new kind of solution.

After several years of market and technology research, Redux introduced the only deposit control chemicals designed specifically for remediation applications. By 1994, a patent was awarded for our early formulations. Today, we have over thirty specialized formulations, and have developed many application methodologies, useful in controlling fouling in-situ, such as nutrient injection wells, recovery wells or recirculating systems, as well as fouling of traditional ex-situ treatment systems. Our products have been used at hundreds of sites across the US and abroad. If you are grappling with a fouling problem in any kind of remedial application, please give us a call to see how we can help.

Best Regards,

Brad Horn

Brad Horn, PE
President

