

## Innovating for a Greener World with Mineral-based Anti-microbials

**Frank R. Varseveld, EnvirEau Technologies Inc. (ETI)**

Cyanobacteria, E.coli and other water-borne / food-born pathogens are emerging as the nemesis of many professionals responsible for water quality in municipal water treatment, horticulture and food processing environments.

EnvirEau Technologies Inc. (ETI), is a private Canadian corporation focused on developing, manufacturing and marketing environmentally responsible anti-microbial concentrates for treatment of drinking and service water sources. ETI's proprietary technology uses nano sized ions of natural minerals such as copper, zinc, silver and others to protect water and food from biological contamination over extended periods. The water treatment products using this technology protect the health and well-being of humans, livestock, crops and foodstuffs from a broad spectrum of bacteria, algae, fungi and/or parasite contamination. These products are now proven and established in Canada and in 8 overseas markets. They are registered by PMRA (Health Canada) and certified by NSF International (Standard 60 – drinking water) as well as by numerous governments in export markets. These ionized mineral-based products have set new standards for safety, efficacy and economy in water treatment for municipal, agricultural, horticultural and food processing applications.

EnvirEau Technologies has recently been named as one of Canada's Top 10 Cleantec Companies notably because EnvirEau products provide eco-responsible alternatives to synthetic disinfection chemicals.

My paper explains how mineral-based anti-microbials work and how these products are used in municipal water and wastewater treatment, industry, agriculture, horticulture and food processing.

### **Frank R. Varseveld**

Frank R. Varseveld is founder President and CEO of the company. He leads the ETI management and product development team. Mr. Varseveld's previous business experience includes various management positions within the forest products industry for a period of 25 years leaving as Director of Business Development to pursue entrepreneurial interests. As President of Vantree Management he also provided management and business consulting services to start-up companies including obtaining a listing on the Toronto Stock Exchange and raising \$13,000,000 for public companies.