



The Canadian Food Inspection Agency

Mandates that Industry must have a system in place to ensure that they are continuously using safe/potable water in food production and processing and reminds industry to:

- Maintain an action plan in the event of a boil water/water safety alert, &
- Establish a communication strategy with the appropriate municipal, provincial, or territorial water authority for the timely exchange of information in the event of a boil water/water safety alert.

The Certification Gap

There currently exists a gap within the approval process for water treatment systems whose size and scope exceed Residentially certified NSF components and custom certified Municipal water systems.

Dyna-Pro Environmental

Is bridging that gap by providing a water treatment system that ensures safe drinking water during PDWA/EBWO events, and with the confidence of Regional Health Authorities!

Sentinel - Plus!

Complete Multi-Barrier Water Protection



Dynalite

- NSF certified for use in municipal drinking water treatment, this filtration media combines the physical entrapment of fine particles with filtering of contaminants to improve water clarity. Effectively traps and removes particles down to 3 micron.



Dyna-Guard XL2

- Designed & certified to treat surface water and GUDI water (ground water under direct influence), this filter is certified to achieve 3-Log reduction of Cryptosporidium and Giardia.



Guardian

- A proprietary blend of high-grade media to address a broad spectrum of contaminants including dissolved organics, chemicals, heavy metals, and reduces scaling caused by hardness. Improves drinking water by removing tastes and odours.



Ultra-Violet NSF 55 Class A

- NSF certified for use in residential drinking water treatment, these UV systems offer the highest certification available for use in situations to sterilize potential bacteriological unsafe water supplies. Can be sized from 1 gpm to 80+ gpm.

Regional Health Authorities acknowledge the fact that businesses can experience significant service disruptions during Precautionary Drinking Water Advisories (PDWA), and Emergency Boil Water Orders (EBWO) and also acknowledge that many businesses have installed various water treatment devices in an effort to protect both themselves and the public from unsafe water conditions.

Public health inspectors face a growing challenge in validating the effectiveness of these varied water treatment systems and

will often default to utilizing NSF standards, which in some cases don't even apply!

Dyna-Pro Environmental is dedicated to helping its customers in bridging the gap between certified Residential water treatment components and Municipal water treatment systems. By working with its clients and local health authorities, Dyna-Pro Environmental has developed a true and accepted water treatment system that will give business the best and most economical option to **Keep Your Water On!**



Sentinel-Plus!

Care and Maintenance

The Sentinel-Plus! filtration system is designed for use in stores where the staff aren't water experts. A key consideration is for ease-of-use and to limit the maintenance required so that your staff can easily understand how it works.

OUR SYSTEMS PRACTICALLY TAKE CARE OF THEMSELVES. With automatic control valves, the Dynalite and Guardian filters backwash themselves, and the media is guaranteed for 3 years!¹ The Dyna-Guard filter is designed to last extended periods of time between maintenance (from 6 months to a year, or even longer!²) and the UV lamps are recommended to be replaced every 2-years.³

Multiple-Barrier System for Surface Water Treatment

		Dynalite	DynaGuard XL2	Guardian	Ultra-Violet
Sediment / Turbidity	20 micron - nominal	•	•	•	
	10 micron - nominal	•	•	•	
	5 micron - nominal	•	•	•	
	3 micron - nominal	•	•	•	
	1 micron - absolute		•		
Dissolved Organics	Chlorine			•	
	Chloramine	•		•	
	Taste & Odour			•	
	Hydrogen Sulfide			•	
	Volatile Organic Compounds			•	
Dissolved Inorganics and Heavy Metals	Lead			•	
	Arsenic			•	
	Mercury			•	
	Chromium			•	
	Copper			•	
	Iron			•	
Microorganisms			3-Log Reduction 99.9% Removal		4-Log Reduction 99.99% Removal
	Cryptosporidium		•		•
	Giardia lamblia		•		•
	E-Coli				•
Certifications	NSF 61	•	•	•	
	NSF 55 - Class A				•
	USEPA Surface Water Treatment Rule - LT2 Rated		•		
Flow Rates	10 gpm	•	•	•	•
	20 gpm	•	•	•	•
	30 gpm	•	•	•	•
	> 30 gpm	•	•	•	•

¹ Dynalite and Guardian media has a pro-rated warranty for 3 years in commercial applications, a pro-rated warranty for 5 years in residential applications. ² The Dyna-Guard XL2 filter maintenance schedule is based on influent water with turbidity less than 1 NTU, and is dependant on the installation and maintenance of pre-filtration components. ³ UV lamp replacement schedules vary based on manufacturer recommended maintenance. A complete water analysis is required before installation. Other elements within the source water supply may require additional treatment, such as but not limited to iron and hardness content.

Premium Grade Water, Better Products!

One of Sentinel-Plus! filtration system's prime objectives is to provide the highest quality, and good tasting, premium drinking water for your businesses water processing applications.

From coffee / cappuccino machines, to frozen drinks, ice makers, and the like - the Sentinel-Plus! filtration system effectively produces the premium grade products you strive for!

A Dollar Saved...

...is a dollar earned. Think about it, by removing much of the chemicals and additives from your drinking water, your concentrates stretch further. The result? Up to 25% saving on concentrates, coffee, etc.