

FOR IMMEDIATE RELEASE

GENERAL ECOLOGY® WATER PURIFIERS CERTIFIED TO REMOVE VIRUS

Seagull®IV Water Purifiers & First Need® Portable Water Purifiers



Instant, effective purification of drinking water WITHOUT chemical poisons such as iodine or chlorine, WITHOUT holding time, WITHOUT double processing - truly a unique and remarkable water purification technology. There is no other product on the market that compares to the advanced "Structured Matrix™" technology of General Ecology® water purifiers.

According to recent tests conducted by an independent laboratory at the University of Arizona, General Ecology's First Need® portable water purifier, together with the Seagull®IV water purifiers for RV, boat and home, were shown to be completely effective in removing bacteria, cysts and viruses! Most importantly, these units purify without chemicals, holding time or double processing. Because General Ecology water purifiers actually remove pathogens, they also eliminate toxins in the pathogens at the same time, along with pesticides, herbicides, industrial solvents, foul tastes and odors.

Three series of tests were conducted to document removal of microbiological contaminants according to current EPA Guide Standard and Protocol for Testing Microbiological Water Purifiers.

Technical Details:

Test Point % of Rated Capacity	% REDUCTION (geometric average of 3 units)		
	<u>Bacteria</u>	<u>Cysts</u>	<u>Virus</u>
	<u>Klebsiella terrigena</u>	<u>Cryptosporidium</u>	<u>Poliavirus type 1 Rotavirus SA-11</u>
Start	>99.9999	>99.9	>99.99
25%	>99.9999	>99.9	>99.99
50%	>99.9999	>99.9	>99.99
48 hr stagnation	NG	NG	NG
*60%	>99.9999	>99.9	>99.99
*75%	>99.9999	>99.9	>99.99
48 hr stagnation	NG	NG	NG
*90%	>99.9999	>99.9	>99.99
*100%	>99.9999	>99.9	>99.99
48 hr stagnation	NG	NG	NG

* Worst case challenge water NG – No Growth

The purifiers were operated for 100% of their rated capacity and challenged periodically with high concentrations of bacteria, cysts and viruses. At the 60% and 75% test points the units were challenged with "worst case" water according to protocol. Additionally, the systems were allowed to stagnate for 48 hours after the 50%, 75% and 100% test points to demonstrate that **microbiological growth through the cartridge did not occur.**

Conclusion: General Ecology's Seagull IV and First Need water purifiers not only passed the EPA Guide Standard as Microbiological Purifiers by removing bacteria, cysts and viruses but exceeded the recommended removal levels. Again, this was achieved without the use of chemical additives or multiple processing.

Contact Purifiers Australia for further information

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