

The Seagull IV water purifiers have been tested and found effective in the removal of:

- 1,1,2-Trichloroethane
 - 1,2-Dibromomethane (EDB)
 - 1,4-Dichlorobenzene
 - 2,4,5-TP (Silvex)
 - 2,4-D
 - Aldicarb (Temik)
 - Carbon Tetrachloride
 - Chlordane
 - Chlorine Residual
 - Methoxychlor
 - MTBE
 - P-chlorobenzene
 - PCB
 - Tetrachlorethylene (PCE)
 - Trichloroethylene (TCE)
 - Trihalomethane Total
 - Campylobacter jejuni
 - Cryptosporidium
 - Escherichia coli
 - Escherichia coli 0157:H7
 - Fecal Coliform
 - Giardia lamblia
 - Listeria monocytogenes
 - Poliovirus and Rotavirus
 - Pseudomonas aerigompsa
 - Salmonella typhi
 - Yersinia enterocolitica
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- Iron
 - Lead
 - 1,1,1-Trichloroethane
 - 1,1 Dichloroethylene
 - 1,2-Dichloroethylene
 - Benzene
 - Bromodichloromethane
 - Bromoform
 - Cadmium
 - Carbontetrachloride
 - Chloroform
 - Chromium
 - Dibromochloromethane
 - Lead
 - Mercury
 - Methylene Chloride
 - Phenols
 - Tetrachloroethylene
 - TOC
 - Trichloroethylene
 - Trihalomethane Total
 - Vinyl Chloride

For more information on the removal effectiveness, please refer to the [Seagull IV Product Data Sheet](#).

See also what are the [effects of contaminants](#) and [view the comparison of the effectiveness of contaminant removal](#).

Contaminant Removal Comparison

The following table compares the contaminant removal capabilities for different types of water filtration and water purification systems.

Type	Viruses	Bacteria	Cysts	Chlorine	Sediment	Pesticides	Odours
Structured Matrix	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GAC	No	No	No	Yes	Yes?	?	?
Pre-Coat Carbon	No	No	Yes?	Yes	Yes	Yes?	Yes
Carbon Block	No	No?	Yes?	Yes	Yes	Yes?	Yes
UV	?	Yes?	No?	No	No	No	No
Distillation	?	Yes	Yes	?	Yes	No?	No
Reverse Osmosis	No	No	Yes?	No	Yes	Yes+	No

GAC = Granular Activated Carbon

? = Comparisons are from general information. Performance varies widely within each category.

+ = Usually not effective against organic contaminants ordinarily found in drinking water.

Check manufacturer's claims and test results for specific information.

The **Structured Matrix** technology as used in the Seagull IV and First Need products effectively removes all contaminants.