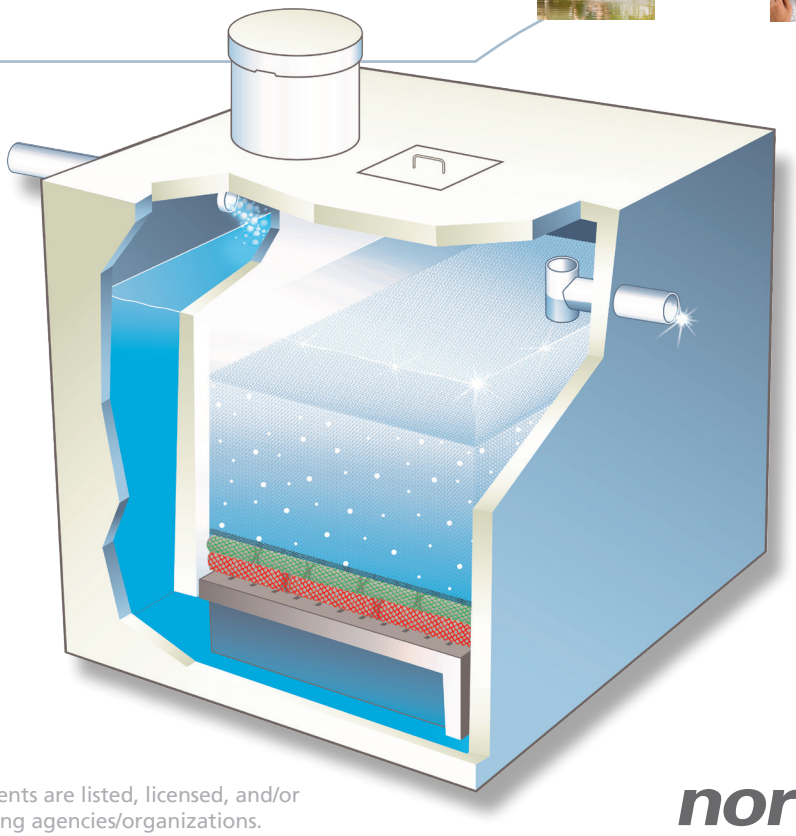
PHOS-4-FADE®



The Phos-4-Fade filter components are listed, licensed, and/or certified by each of the following agencies/organizations.

NAT

CAN/BNQ 3680-600
2406

NQ 3680-910
2783

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

norweco®

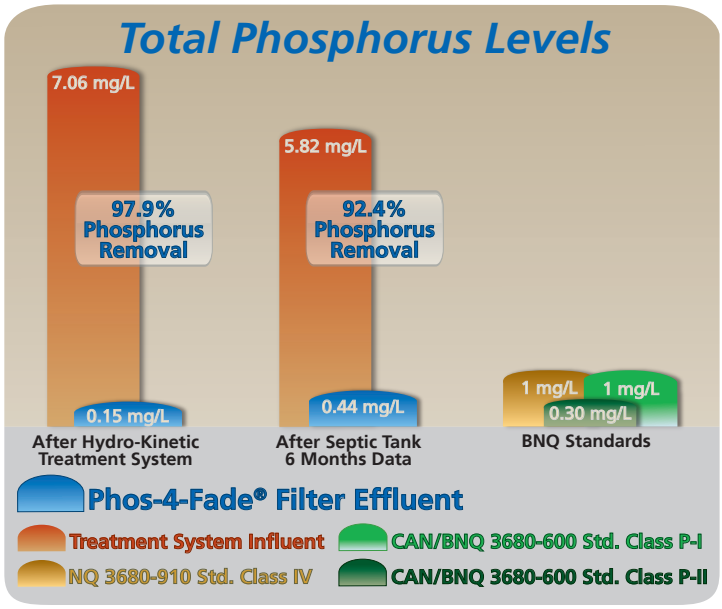
Engineering the future of water and wastewater treatment

Today's Answer for the Protection of Tomorrow's Environment

PHOS-4-FADE® PHOSPHORUS REMOVAL FILTER

A REVOLUTIONARY DESIGN THAT EMPLOYS PROPRIETARY ADSORPTIVE FILTRATION MEDIA TO EFFICIENTLY REMOVE TOTAL PHOSPHORUS FROM THE EFFLUENT OF ANY ONSITE WATERWATER TREATMENT SYSTEM

The revolutionary Phos-4-Fade phosphorus removal filter is a patented, non-mechanical component that can be easily installed as part of any onsite wastewater treatment system. The Phos-4-Fade filter significantly reduces total phosphorus in the effluent to levels that protect local waterways, while meeting or exceeding the most stringent regulations. The Phos-4-Fade filter was tested and certified by the Bureau de Normalisation du Quebec (BNQ) through their stringent 12 month test protocol, meeting CAN/BNQ 3680-600 Class P-II as well as NQ 3680-910 Class IV requirements.



Flow enters the inlet chamber of the Phos-4-Fade filter where it then moves downward and passes into the media chamber through an array of transfer ports. Media support channels direct flow beneath the media where evenly spaced apertures provide uniform dispersal of the flow. Progressively sized layers of primary filtration media further distribute the flow to the adsorptive media layer. As the flow passes through the adsorptive media, final polishing takes place as phosphorus adheres to the porous media surfaces.

THE **PHOS-4-FADE FILTER** PROTECTS WATER RESOURCES FROM HARMFUL ALGAL BLOOMS BY REMOVING PHOSPHORUS FROM WASTEWATER STREAMS. ALGAL BLOOMS ARE OVERGROWTHS OF ALGAE IN WATER THAT CAN PRODUCE TOXINS HARMFUL TO HUMANS AND AQUATIC LIFE. FURTHER, THE DECAY OF ALGAE RESULTS IN OXYGEN DEPLETION AND EUTROPHICATION OF WATER RESOURCES. THE SIGNIFICANT PRESENCE OF NUTRIENTS SUCH AS NITROGEN AND PHOSPHORUS IS A MAJOR FACTOR IN THE OUTBREAK OF ALGAL BLOOMS. REDUCING PHOSPHORUS LEVELS IN FLOWS LEADING TO WATER RESOURCES IS THE MOST EFFECTIVE WAY TO ELIMINATE ALGAL BLOOMS. THE PHOS-4-FADE FILTER, COMBINED WITH AN EFFECTIVE NITROGEN REDUCING ONSITE TREATMENT SYSTEM, CAN CONSIDERABLY REDUCE THE OCCURRENCE OF ALGAL BLOOMS.

The Phos-4-Fade filter can be quickly and easily installed behind any onsite wastewater treatment system. The innovative adsorptive media technology begins working immediately upon start-up. Completely non-mechanical, the filter requires no electricity and operates continuously with minimal maintenance. A single riser extends to grade from the tank to allow inspection and service of the filter contents. The Phos-4-Fade filter is user friendly, easy to install and maintain, and provides effective total phosphorus removal for any onsite wastewater treatment system.

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We engineer, manufacture, install and maintain advanced water and wastewater treatment technologies for residential properties, communities and commercial properties that are not connected to sewer lines. Norweco treatment systems are in service all over the world.