



HUNGERFORD & TERRY, INC.

The Innovators in Water Treatment Technology Since 1909

Technology, Products & Services – In Brief

THE COMPANY

For more than 115 years our advanced water treatment systems have been engineered to remove iron, manganese, arsenic, radium, hydrogen sulfide, perchlorate, nitrate, sodium, PFAS and color for municipal, government and industrial applications.

FILTRATION



"Plug & Play" preassembled, skid-mounted Greensand Filter System with vessels from 3 ft to 10 ft in diameter

IRON and MANGANESE REMOVAL

The Continuous Regeneration (CR) Process for removal of iron and manganese from water was patented in 1963 by H&T.

ARSENIC REMOVAL

Tried and proven co-precipitation/filtration processes remove naturally occurring arsenic from drinking water.

RADIUM REMOVAL

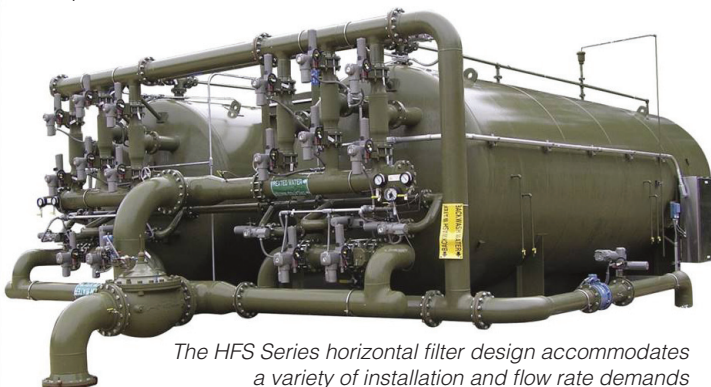
Ion exchange or co-precipitation (HMO)/filtration processes remove naturally occurring radium from drinking water.

PFAS REMOVAL

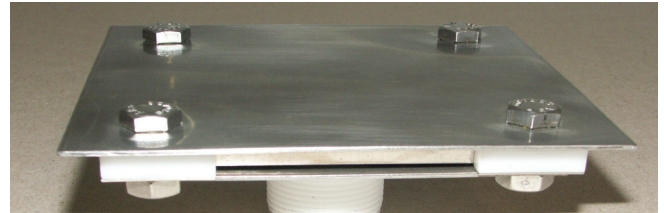
Utilizing Ion Exchange or GAC adsorption technologies, H&T can design the best solution for your water treatment needs.

PRE-TREATMENT

Custom designed and pre-engineered filtration systems to pre-treat water upstream of membrane systems, vastly improve the life of membranes.



The HFS Series horizontal filter design accommodates a variety of installation and flow rate demands



The H&T "Self-Cleaning Sand Valve" under-drain nozzle constructed from corrosion resistant materials that will last the lifetime of the filter

ION EXCHANGE

NITRATE REMOVAL

Low-waste, low regenerant consumption, low leakage ion exchange systems to remove nitrates from water.

SOFTENING

Sodium and potassium cycle conventional downflow and high efficiency upflow regenerated softening systems remove hardness from water.

WEAK ACID SOFTENING

An innovative approach using a single process to treat water for iron and hardness associated with alkalinity.

COLOR REMOVAL

High-efficiency, regenerable ion exchange systems with low waste and zero resin loss remove color from water.

CONDENSATE POLISHERS

High-rate, deep bed, high and low pressure systems to remove soluble and insoluble constituents from condensate for boiler systems.

DEMINERALIZERS

Ion exchange systems produce demineralized water for power generation and other specialized industrial applications.



High efficiency upflow regenerated Packed Bed nitrate removal systems minimize waste and regenerant consumption

OTHER SPECIALTIES

FORCED DRAFT DEGASIFIERS

Packed tower, fiberglass construction remove CO₂, VOCs and other sparingly soluble gasses from water. Systems include single stage or multi-stage, with or without clearwells.

VACUUM DEGASIFIERS

Packed tower, lined steel or stainless steel construction, high-efficiency systems are custom designed to remove O₂ and other sparingly soluble gasses from water.



Single Stage Stainless Steel Vacuum Degasifier with integral clear-well storage compartment on an ASR (Aquifer Storage Recovery) project – Florida

ENGINEERING SERVICES

IN-HOUSE LABORATORY

Analysis of water samples with computer modeling helps determine the system you require to most efficiently meet your specific water treatment needs.

PILOT PLANT TESTING

A valuable tool for predicting performance of a full-scale plant. Options include rental pilot systems or H&T operated with report provided.

REHAB ENGINEERING SUPPORT

The cost effective decision to rehab or upgrade existing filter systems rather than replace them requires engineering oversight. H&T can help with this project.

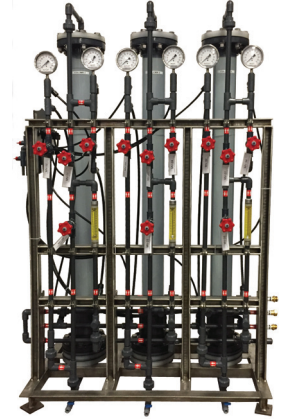
CUSTOMER SERVICE

Offering ongoing service and parts throughout the life of your custom designed water treatment system.

- Replacement GreensandPlus, Anthracite and graded gravel media available for your rehab projects
- Media Core sample analysis

FIELD SERVICE

H&T service technicians can provide on-site startup supervision and assist in troubleshooting complex system performance problems.



H&T engineering and manufacturing facility

226 Atlantic Avenue • P.O. Box 650 • Clayton, New Jersey 08312-0650

P: 856-881-3200 • F: 856-881-6859 • sales@hungerfordterry.com • www.hungerfordterry.com