

Built on Tradition



Highland Tank®



Greywater Recycling System

HT-1132

HighDRO®-Clear Greywater Recycling Systems (HD-C-GRS) are designed to store and treat greywater to a high quality for a wide range of non-potable water uses:

- Lawn and Landscape Irrigation
- Flushing Toilets
- Car Washing
- Fire Water Supply

They provide a fundamental solution to many ecological problems resulting from expanding populations and depleted water resources.

HD-C-GRSs are engineered for site-specific applications with various compact aboveground or underground designs that utilize either coated carbon or stainless steel storage and conveyance elements.

Sources of greywater are:

- Washing Machines
- Bathtubs
- Showers
- Hand Sinks

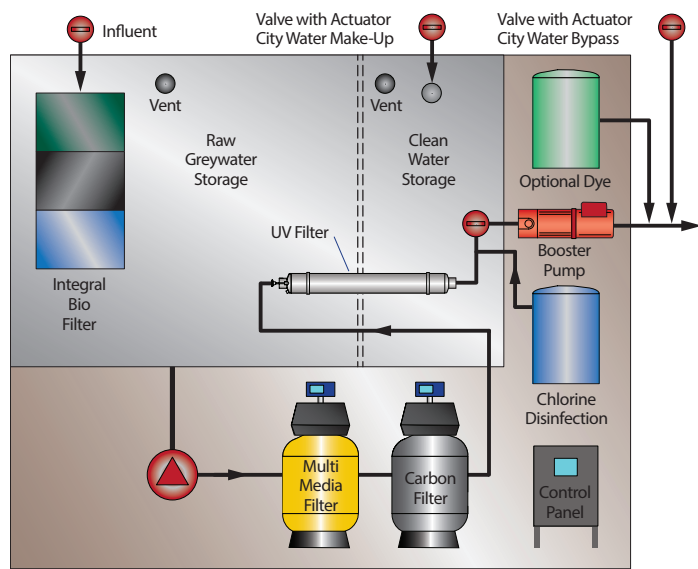
These sources make up more than 35% of effluent discharged on a daily basis by schools, hospitals, prisons and other industrial/commercial buildings. With the introduction of the HighDRO®-Clear GRS, this greywater can be treated and reused.

Advantages

- Lower fresh/tap water use
- Reduce strain on septic systems and sewer treatment plants
- Lower water and sewer bills
- Less energy and chemical use
- Recharges depleted groundwater

HighDRO® - Clear

Sample Systems



Greywater is defined as: untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes.

Environmental Stewardship

The GRS engineered system design employs time-tested treatment techniques while incorporating state-of-the-art disinfection and transmission components. These systems provide users a reliable source of recycled water for irrigation and other secondary applications.

The HighDRO®-Clear GRS is a centralized treatment system designed to mimic processes found in nature. Biotreatment, adsorption, aeration, and disinfection are all utilized to provide a simple and environmentally friendly approach to greywater reuse. By incorporating this complete system from Highland Tank, you can earn credits toward your LEED Certification.



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