

BCH

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GREY WATER RECYCLING

What is a wastewater collection system?

A wastewater collection system is a separate sanitary piping system that routes waste water from bathroom lavatories and showers to a collections tank.

How does it work?

Wastewater enters the collection tank via gravity and a pump located in the bottom of the collections tank sends the wastewater through a filter housing with polyester mesh filters, into a separate filtration tank (vessel) containing OrganoClay media and lastly the final filtration tank (vessel) containing Coconut Shell Carbon. The grey water is then transferred into a storage tank and ready for use.

How can the grey water be used?

Grey water can be utilized for landscaping and flushing toilets.

Are these systems easy to maintain?

Yes. The polyester felt bag filters will need to be monitored weekly after installation and possibly replaced ever two(2) weeks. The time frame for changing out the felt bag filters will vary based on the quality of the domestic water; however the interval should be established after four(4) to six(6) weeks of monitoring. The vessels include pressure gauges to indicate when the OrganoClay or Coconut Shell Carbon needs to be replaced and both can be purchased in bulk for cost savings. Most of the components of this system include a two (2) year warranty form the manufacturers.

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