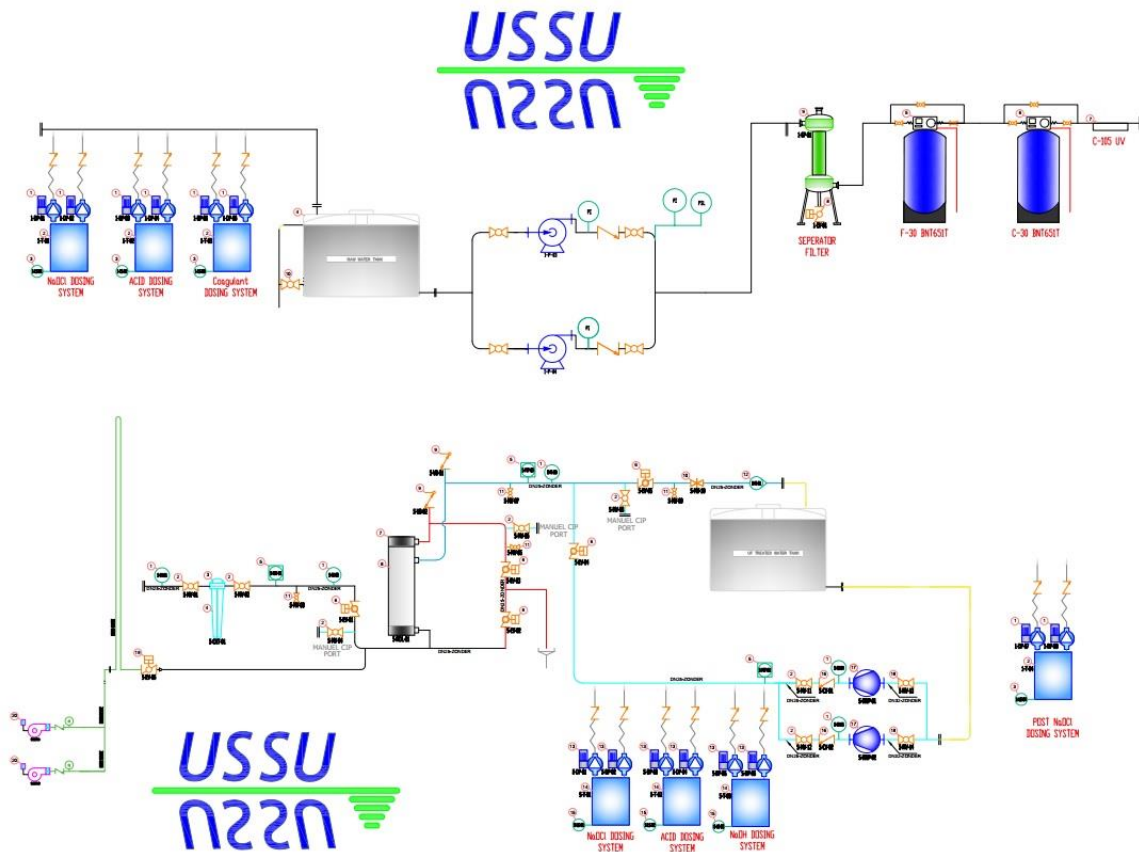


GRAY WATER TREATMENT

Gray water is part of domestic waste water that does not contain septic waste (black water) other than industrial use, originates from showers, bathtubs and sinks in houses and does not contain human waste.

Average 80% of domestic wastewater is gray water.

With the treatment of gray water, it is possible to obtain clean water for use, which does not have the quality of drinking water.



Its distinctive feature from black water is its organic content. Black water has more organic content than the gray water.

Treated gray water can easily be used in agricultural irrigation. Gray water treatment has great benefits in terms of environmental sustainability.



First, it reduces the upstream water requirement. This situation is reflected in both domestic water bills and provides a more sparing use of public water resources.

Second, gray water treatment facilitates the reuse process by reducing the amount of water going to the sewer. This has a positive effect on the sparing use of water and the protection of the environment.

Water Recovered by Gray Water Treatment Systems;

For industrial, agricultural and domestic purposes in public housing, hotel, villa, factory, airport, green building, etc.

- Toilet reservoirs
- Irrigation
- Ornamental pools
- Car washing

It can be used to meet the daily usage water needs in many areas.

Advantages of Recycled Gray Water;

- Quick and easy purification is provided.
- Odorless, free of residue and turbidity and odorless water is obtained in accordance with hygiene conditions.
- Access to clean water that is not of drinking water quality is provided.
- Bacteria and virus removal in the recycled water is 99.9%.
- Similar to the water cycle in nature, we can recycle our water that we have used.
- In addition to protecting natural water resources, we also reduce our water costs substantially.
- Since the consumption of city tap water decreases, the costs paid for water are reduced.
- Due to the decrease in the wastewater discharged into the sewage system, wastewater treatment costs will be reduced.
- Significant contributions can be made to the sustainability of nature (both naturally and economically)