

# Genesis Water Technologies

## Self Cleaning Centrifugal Filtration Systems

# About Us

Genesis Water Technologies, Inc. (GWT), is a USA based water & wastewater treatment engineering solutions company with manufacturing capabilities focused on advanced water and wastewater treatment solutions & services tailored to industrial and domestic water & wastewater treatment and reuse applications.

GWT has its corporate office in Florida, USA with offices and local partners across the world to serve our industrial & water utility clients.



# Specialized Market Segments

Energy Sector

Industrial Sector

Pharmaceutical, Textile, Pulp/Paper, Food/Beverage, General Industrial

Decentralized Domestic Wastewater Treatment Utilities

# Benefits of GWT Self Cleaning Centrifugal Filtration Solutions

GWT Series Self Cleaning Centrifugal filtration solutions incorporate tequatic technology for efficient separation of high total suspended solids (TSS) in liquids.

These systems are designed to be capable of handling TSS levels of up to 10,000 mg/l in the presences of fibers, fats/oils, and greases with filtration performance removal down to 15-20 micron. Modular systems can be manifolded for higher flow rates.

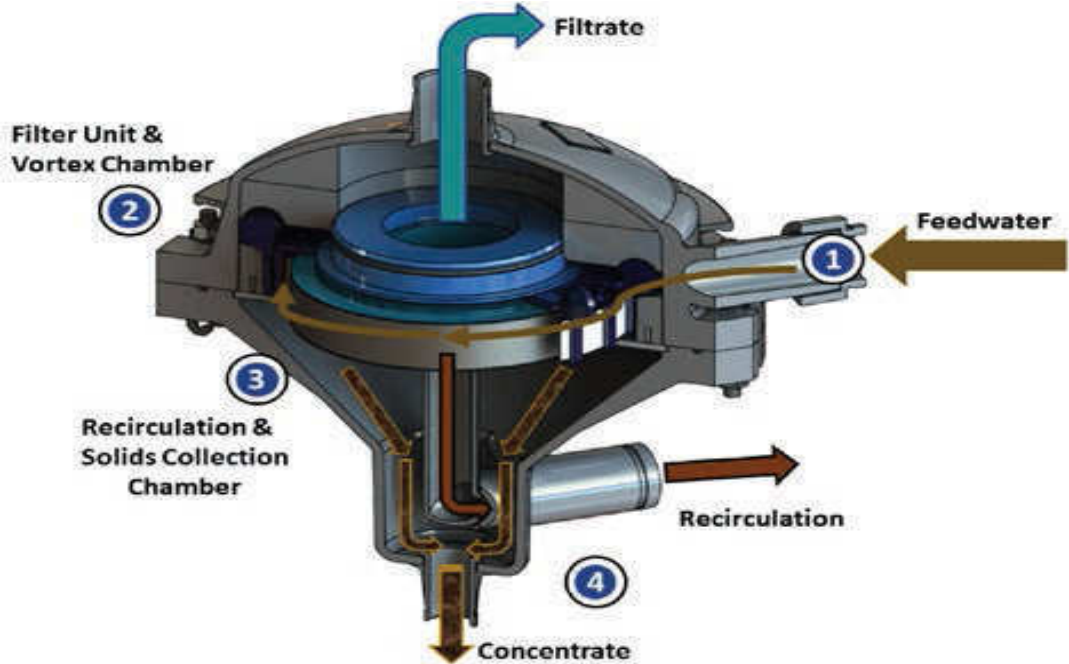
Designed to meet the specific and unique challenges of industrial and municipal clients requiring a solution to treat high TSS levels with no backwashing cycle.

System provides savings in OPEX costs due to the significant reduction of downstream chemicals and consumables for secondary/tertiary treatment systems.



# GWT Self Cleaning Centrifugal Filtration Solution

## How Does It Work



# Self Cleaning Centrifugal Filtration Solutions

## Client Water Challenges

We take on immense challenges that matter to our clients

- \* Water Treatment Recycling and Reuse
  - \* Water Resource Scarcity
    - \* Regulatory Changes
- \* Sustainable Environmental Remediation



# Summary

GWT series Self Cleaning Centrifugal Filter Solutions are integrated with tequatic technology. They are capable of handling up to 10,000ppm TSS (total suspended solids).

These systems can effectively separate suspended solids from water in the presences of fibers, fats, oil, and greases to meet the clients needs for high TSS removal with no risk of clogging.

These systems are modular with high flow rate capability based on system manifolding with filtration removal efficiency capabilities to 15-30 micron.

These systems effectively reduce OPEX cost through reduced discharge fees, and decreased chemicals/consumables usage costs associated with protecting downstream treatment solutions.

The self cleaning centrifugal filtration system solutions are included in our IWRS and DWRS water reuse systems which can be typically integrated into existing industrial and decentralized domestic wastewater treatment processes.





# Thank You

A World With Access To A Safe & Clean Water Supply is Possible

Genesis Water Technologies, Inc.  
Innovation in Water®

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