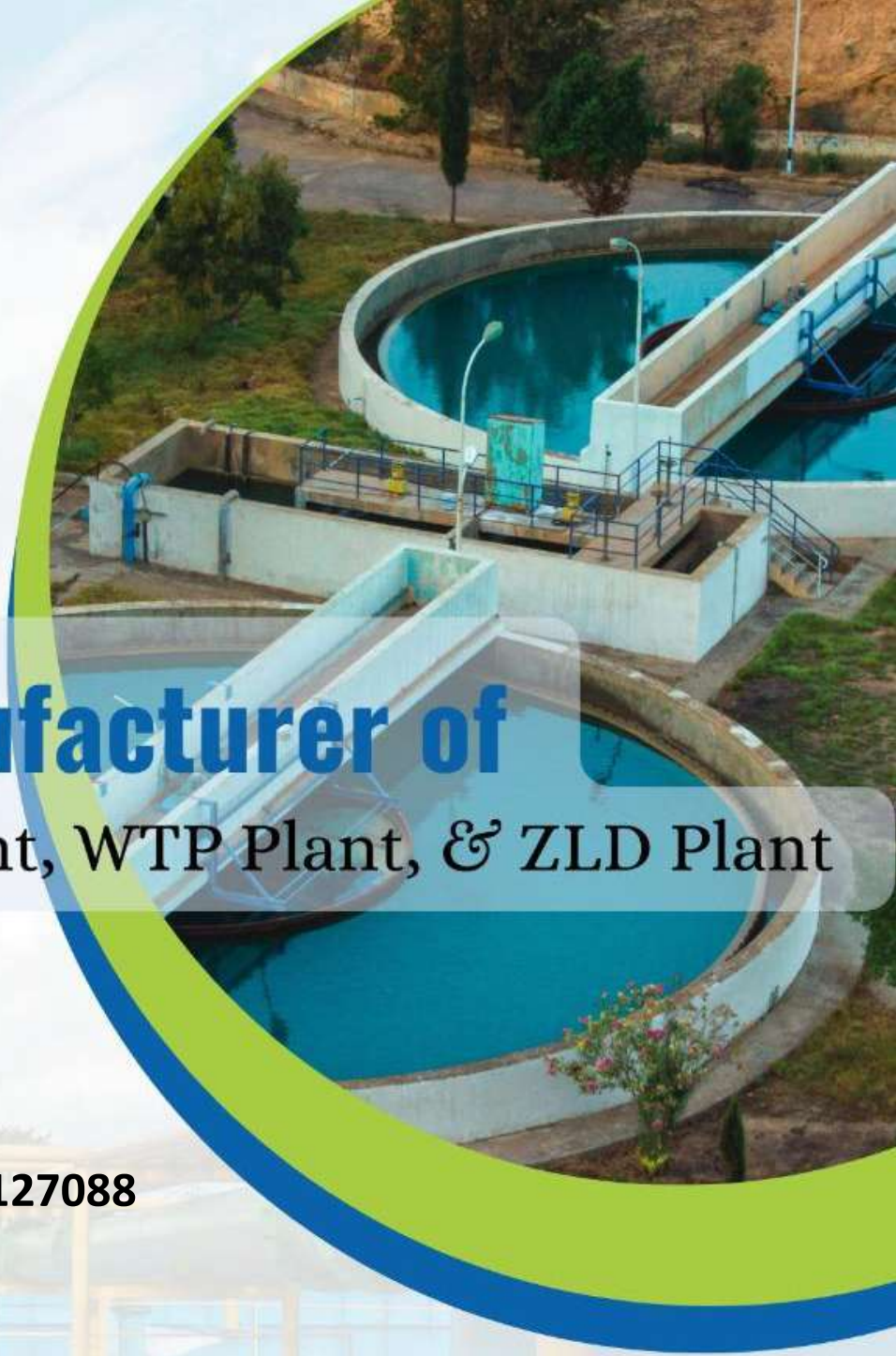




**Green Aqua
Technologies**



Leading Manufacturer of

STP Plant, ETP Plant, WTP Plant, & ZLD Plant



Click To Call
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info@greenaquatechnologies.com



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Click To Location



Factory Add :- F-45, B.S. Road Industrial Area, Ghaziabad, UP-201001 UP 201002
Office Add : C-18B, SF 05, Astoria Boulevard, RDC, Rajnagar, Ghaziabad UP 201002



ABOUT COMPANY

We Provide The Best Industrial RO Plant GREEN AQUA TECHNOLOGIES is an engineering firm founded by interdisciplinary professionals i.e. Environmental, Electronics and Instrumentation, Bio technology and Finance Professionals, with multi-years of experience in environmental as well Instrumentation and automation solutions. The Company is working majorly in three streams viz i) Environmental engineering ii) Electrical, Instrumentation and Automation engineering iii) Sustainable development and renewable energy utilization. Company works for the below given sections:

Preliminary technical and economic study to choose the most suitable solutions. Design of turnkey solutions: Preliminary piloting to demonstrate solutions. Building, installation, commissioning and maintenance Services. Client capacity building. Post-sales technical service To upgrade Existing manual plants to automatic operations. Our workforce includes qualified professionals with proven experience in the environment and Electrical & Automation sector, always allowing us to find the best solution for specific problems.



SEWAGE TREATMENT PLANT



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SEWAGE TREATMENT PLANT



WATER TREATMENT PLANT



WATER TREATMENT PLANT



ETP PLANT



EFFLUENT TREATMENT PLANT



ZERO LIQUID DISCHARGE PLANT






WATER SOFTENER PLANT

We offer tailored industrial and urban wastewater treatment solutions based on technologies resulting from the work carried out by the company in research, development and innovation projects.

We Provides complete water balancing approach to infrastructures like residential complexes, industries, institutional buildings, hospitals etc.

We provide solutions with innovative approach right from treatment of drinking water to waste water treatment and its reuse. The different technology used for to attain proper management are Water Treatment Plants, Sewage Treatment Plants, Effluent Treatment Plants, Zero Liquid Discharge, Reuse of treated Sewage/Effluent, Rain Water Harvesting etc.

Water Management

 <p>Water Treatment</p> <ul style="list-style-type: none">• Specific contamination removal plant.• Ground Water Treatment.• Surface Water Treatment.• Containerised/Portable Drinking Water Plants.	 <p>Waste Water Treatment</p> <ul style="list-style-type: none">• Biological Treatment of Sewage with Nutrient Removal.• Treatment by Natural Technology.• Physico-Chemical Treatment.• Specific Industrial Wastewater Treatment methods.• Containerised/Compact Plants.	 <p>Water Conservation and Recycle</p> <ul style="list-style-type: none">• Recycle and Reuse treatment plant for Sewage and Industrial effluent.• Rain Water Harvesting.• Zero Liquid Discharge Plants.• Rehabilitation of polluted sources.
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Operation
And
Maintenance

Well Skilled Manpower:
Guaranteed Treatment Effluent Quality.
Centralized/ Remote Display Of Plant Data

Use of renewable
Energy for
Operations

Solar energy based treatment plants.
Biogas generation and its utilization for operations.

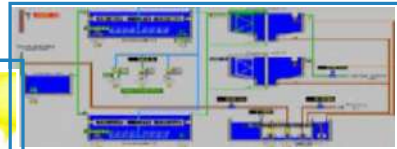
Company's Objective is **Circular and zero waste discharge approach**. We provide a single window platform for operation and maintenance of all environmental infrastructure or equipments like Water treatment Plant, Softener Plant, Sewage Treatment Plant, air pollution monitoring unit, Solid waste management/Organic Waste Composter.



Drinking Water



Solar System



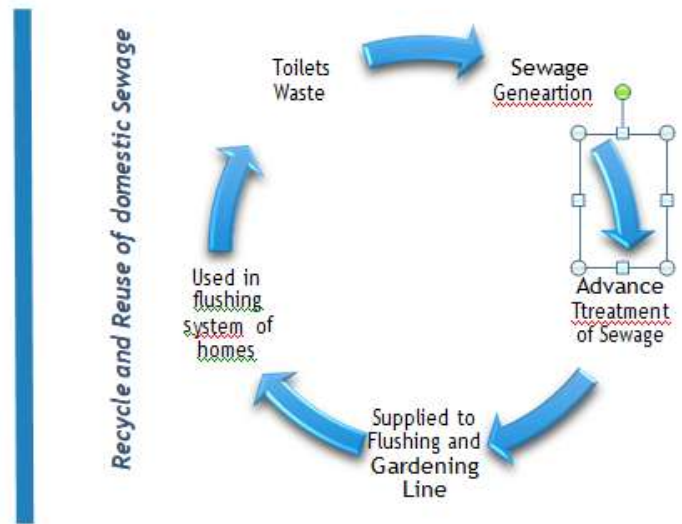
Central Monitoring Room Single Interface for End Client



Waste Water



Rain Water Harvesting



Regulatory Compliances and Approvals

Compliance of Environmental Clearance Terms of Reference

Consent to Establish and Operate

Water Balancing and Water Audits



Surface Water like river, lake, other impoundments to Drinking Water.



Ground Water like Bore well, Submersible pump sets and Rain water to drinking water.



Specific Treatment Process like arsenic, Fluoride, Iron, Manganese, calcium, TDS, Color and Odor Removal.

Surface Water Treatment Approach

Disinfection- aeration-
coagulation & flocculation-
filtration- disinfection
Disinfection and
filtration

Specific heavy Metal removal by suitable technique like adsorption, resin based, Coagulation-flocculation Based.

Ground Water Treatment Approach

Reverse Osmosis Plants (RO)
Demineralization (DM) Plant
Softener Plant
Mixed Bed Units

Specific heavy Metal removal by suitable technique like adsorption, resin based, Coagulation-flocculation Based.

CONTAINERIZED WATER TREATMENT PLANT

Containerized Water Treatment Plant Based on Reverse Osmosis for portable purposes. Also, we provide these systems on Rent basis.

Reverse Osmosis plants for drinking water based on Solar energy for rural or electricity abundant areas.

RO plants with Chiller and Bottling systems.

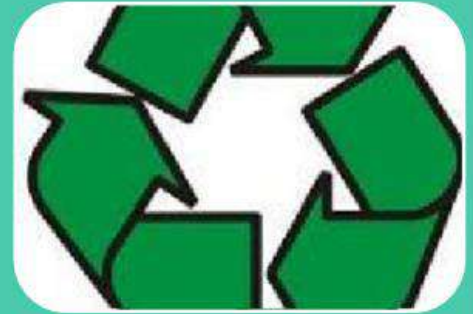
High Efficiency Multistage RO Plants with Reject management with



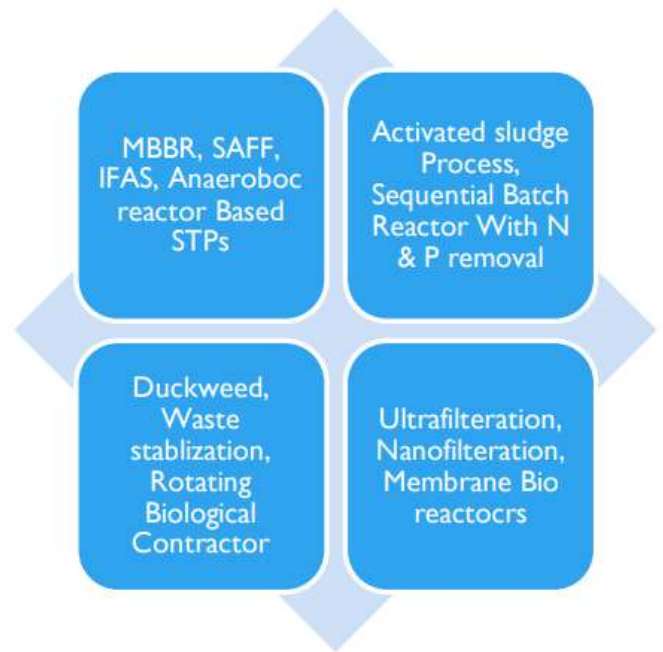
Sewage Treatment from Houses, societies, schools, Colleges, Hospitals, Restaurants or from any other source...



Effluent from Restaurants, Kitchens, Dairy, Sugar Industry, Textile and Dye Industries, Paper Mills or any other industry.



Recycle and Reuse plant, where the treated effluent can be reused for purposes like toilet flushing, Gardening, Road Washing, Horticulture, Golf course, Fire Protection or other specific requirements.



Different Technologies of Sewage Treatment Biologically

Physico chemical treatment

- In this treatment we provides suitable chemical dosing for coagulation and flocculation of specific industrial effluent on the basis of tube test.
- Adsorption and ion Exchange Based solutions as per specific requirements

Zero Liquid discharge

- In this we provides high efficiency RO with evaporators.
- Also customised solutions for specific industrial effluent.

Different Technologies of Industrial Effluent Treatment

Everybody knows Water is precious besides this, many of us are wasting it knowingly or unknowingly. Being an environment responsive company we not only provide the Sewage treatment, effluent treatment plants but also we are also conserving the water at the point of source.

We provide complete consultancy as well turnkey job for rain water Harvesting, rehab of existing polluted water resources.



Rain Water Harvesting

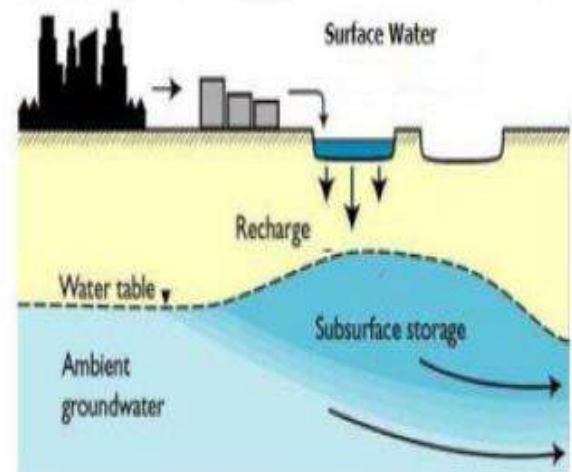
- The rain water collected, stored and reused for different purposes including drinking.
- Ground water recharge provisions

Rehab, Recycle and Reuse

- We do rehab of existing ponds, septic tanks, lakes to treat the effluent for recycle and reuse for different purposes, like for agriculture, flushing etc.

Water usage control Program

- To minimise waste generation on source we do water audits and prepare reports on water management for specific industries including residential buildings, factories, hotels, schools, etc.



Electrical and Automation Solutions

We think about electricity consumption; thus, we curtail its wastage. We offer design, engineering, supply, installation commissioning, consultancy of electrical Panels, Instrumentation and automation, and Supervisory Control And Data Acquisition (SCADA).

Panels and systems are verified through rigorous testing prior to shipment to minimize field installation time and provide a customized, quality product to the end-user.



Design & Engineering Services

- Support in Bidding of New Projects.
- Preparation of Electrical Drawings/Layouts plan
- Electrical & Instrumentation consultation to operate the plant with Min. Power consumption.



Electrical Panel Manufacturing

- High Quality Electrical Panel with Modular/ Non Modular Construction.
- Better Quality of Powder coating with a Color specified by client.
- Best quality of Switchgear and wiring inside panel.



Industrial Automation Services

- PLC Based panel for fully automatic operation of Plant.
- Supply and Installation of all type of process Instruments
- Software services for PLC programming .
- Software services for Supervisory control & Data Acquisition System (SCADA).

MCC Panel

High precision range of Electric MCC Panel designed to perfection for the distribution of power and factory assembly of several motor starters.

Hydro pneumatic Panel

Hydro pneumatic Panel with both Manual and Auto operation based on Level & Differential Pressure by PLC-VFD, PID & Differential Pressure Transmitter or Pressure Switch.

Fire Fighting Panel

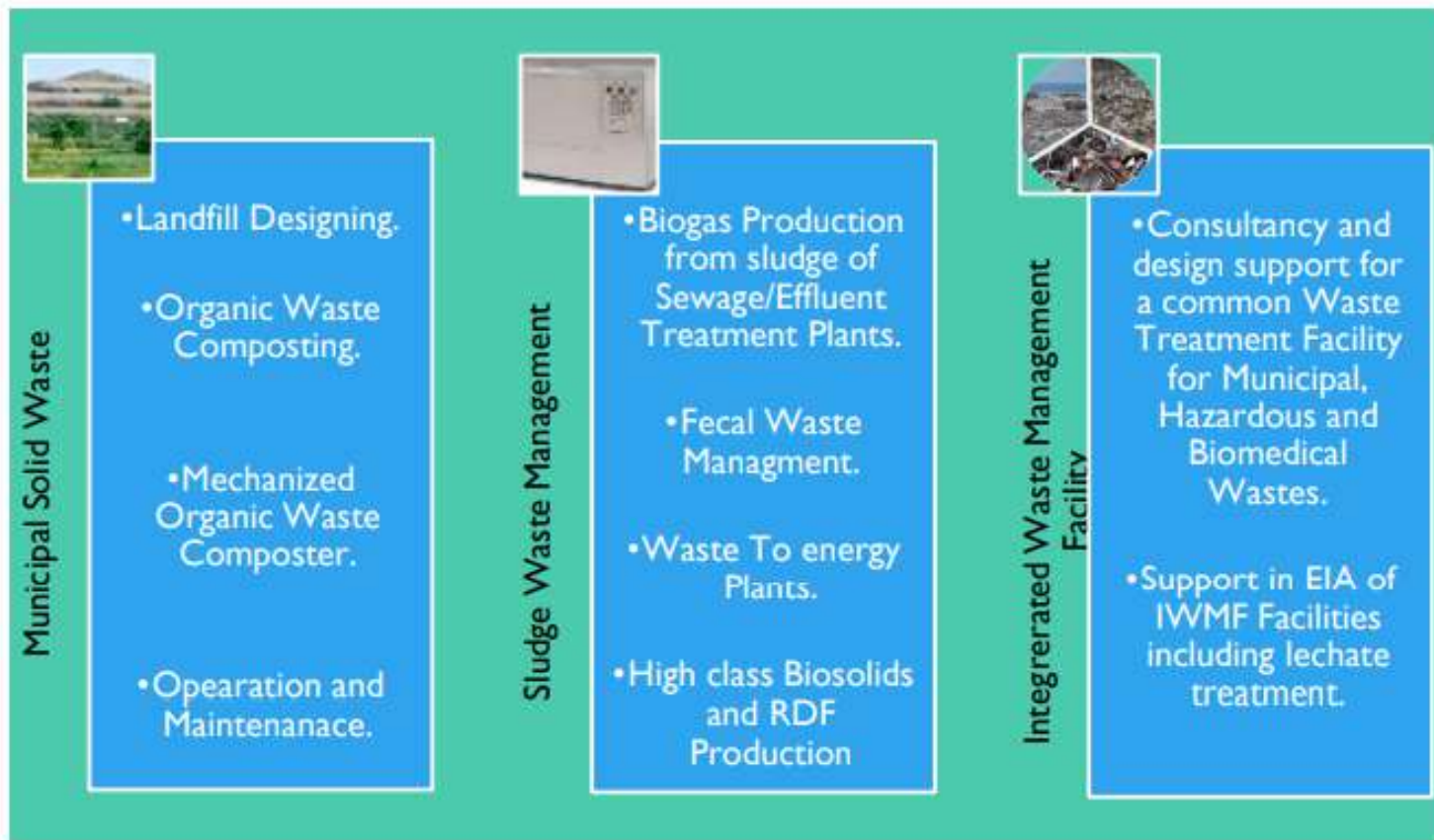
Fire Fighting Control Panel with Audio / Visual Alarm when Hydrant goes ON, Automatic Diesel Engine Starter + Battery Charger with Protections and BMS related contacts incorporated in the Panel.

Filter Consoles

Panel suitable for Manual and Auto operation of Gravity/ACF/MGF filters with Modbus port.

RO & UF Control Panel

For Manual & Auto Operation of RO & UF. Connection is suitable for solenoid as well as motorized valve, Separate outputs for dosing pump during Backwashing



Organic Waste Composter

- ✓ Compact and Robust System
- ✓ Plug and Play Product
- ✓ Waste to manure conversion
- ✓ Best suit for Housing societies, Hotels, Hospitals, Canteens



Land Fill Designing

- ✓ Site investigation and site characterization
- ✓ Landfill planning and design
- ✓ Design and construction of landfill liners
- ✓ Construction and operational practice
- ✓ Post-closure stabilization, operation and care

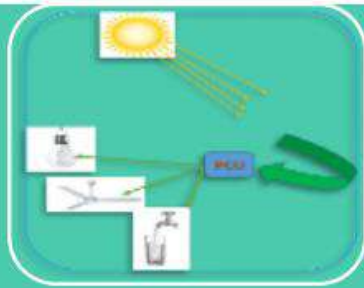


Energy Conservation and Sustainable Development

For What time, we are waiting! Are we waiting for the world with No Water, No Electricity, Unbreathable Air !!!! This time we must awake early as this is not in our hand to produce or reproduce these life-giving elements again.



We do support to achieve your objectives for energy conservation and sustainable development.



Solar Energy

Works as a consultant and turnkey contractor for roof top solar PV panels, solar power plants, utilization of solar energy in different energy consuming applications,

We provide modules for single-family households, farms, schools, industrial use and solar power plants.



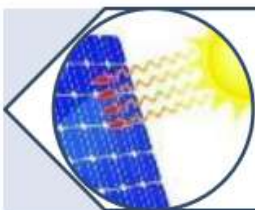
Sustainable building

In sustainable buildings, we play a role as an environmental architect and designed homes in a sustainable way by reducing energy consumption, by using solar energy, efficient mechanical items, recycled treated effluent usage, solid waste to manure conversion, Waste water minimization at source. .



Electricity Conservation

by optimizing the consumption of electricity with the help of automatic functioning and accurate monitoring of instruments



Works as a consultant and turnkey contractor for roof top solar PV panels, solar power plants, utilization of solar energy in different energy consuming applications, We provide modules for single-family households, farms, schools, industrial use and solar power plants.

OUR PROJECTS



OUR PROJECTS



WATER SOFTENER PLANT



STP PLANT



Product Brochure





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