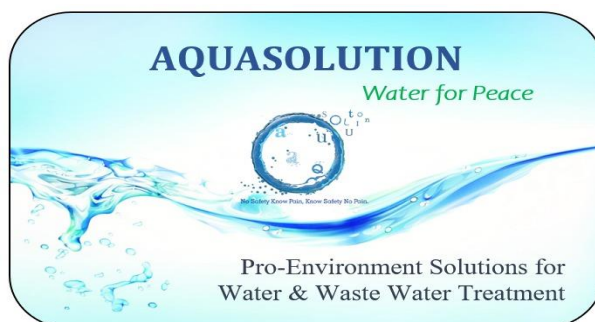


# CAPABILITY STATEMENT



**DESIGN & SUPPLYING of WATER & WASTE WATER TREATMENT PLANTS**

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- SHREE DURGA HARDWARES & SANITARY
- ULTIMATE AERO AQUA FILTER PVT LTD - (R & D)

### **❏ Contact Details**



No Safety Know Pain, Know Safety No Pain.

# AQUASOLUTION

HOUSE NO-1, 2<sup>nd</sup> FLOOR, KACHARI BASTI, ULUBARI,

GUWAHATI, ASSAM-781007. Contact No: **+91-9435091929**

Web: [www.aquasolution.co.in](http://www.aquasolution.co.in) Email Id: [aquasolutionrk@gmail.com](mailto:aquasolutionrk@gmail.com)

Introduction of **AQUASOLUTION**. (Design & Suppliers of water & waste water treatment plants)

Dear Sir,

We have pleasure to introduce ourselves as one of the leading manufacturers & Suppliers of **WATER & WASTE WATER TREATMENT INDUSTRY** in **ASSAM & NORTH EAST REGION**. We are **ISO-9001:2015 & ISO-14001:2015** certified company Turnkey Solutions in Environment. We have been supplying water treatment plants Industrial and domestic market since last 15 years and last 8 years as a promotor of AQUASOLUTION.

Our products have already earned a reputation in the market for its reliability and good performance. We have so far installed nearly **3986 Clients** all over India.

We have Group Corporate & Head Office at Guwahati (Assam) and Manufacturing facilities at Amgaon. At same location with pilot & bench scale facilities, employing 44 professionals in India. We are aggressively expanding our business in entire India.

AQUASOLUTION is a leading turnkey projects supplier of Water treatment, Effluent & Sewage Treatment Plants (Compact), Zero Liquid Discharge Plants, with strong R&D expertise supported by experts from Engineering & Scientific fields like Environmental, Chemical, Process, Mechanical, Instrumentation, Biotechnology, Microbiology.

## **We offer following products & Services:**

### **❏ WATER TREATMENT PLANTS**

- ❖ **IRON REMOVAL FILTER (IRF) PLANT**
- ❖ **ARSENIC REMOVAL FILTER (ARF) PLANT**
- ❖ **MULTI GRADED FILTER (MGF) PLANT**
- ❖ **ACTIVATED CARBON FILTER (ACF) PLANT**
- ❖ **REVERSE OSMOSIS (RO) PLANT**
- ❖ **SOFTNER & DM PLANT**
- ❖ **ULTRA FILTRATION, CERAMIC & MICRON FILTRATION PLANT**

## WASTE WATER TREATMENT

- ❖ EFFLUENT WATER TREATMENT PLANT (ETP)
- ❖ SEWAGE WATER TREATMENT PLANT (STP)
- ❖ BIO GAS PLANT

## SWIMMING POOLS

- ❖ ABOVE GROUNDED POOLS
- ❖ INDOOR POOLS
- ❖ INFINITY POOLS
- ❖ SPA POOLS

## FOUNTAINS

- ❖ UNDER WATER FOUNTAIN
- ❖ FLOATING FOUNTAIN
- ❖ OUTDOOR FOUNTAIN AND ETC....

- ❖ Spares for above plants, Cation / anion resin, testing kit, filter media & filter cartridges.
- ❖ Yearly operation and maintenance contract of WTP, RO, ETP & STP Plants.
- ❖ Troubleshooting of any chemical process, sludge recovery, ETP & STP, we can also take AMC and O&M contract for water treatment plants.
- ❖ We have pilot plants for effective & efficient waste water treatment system to ensure that the in-house expertise is tested before using it on large scale facilities.

- ❖ Some of our valued clients in Government Sectors are Assam State Electricity Board, ONGC, Oil India, Airforce, CRPF guwahati, Assam Rifle, BCPL, National Coal Mine, NHPC, PHED-Assam & Bihar, Airport Authority, Nalanda Engicon Pvt Ltd, USTM-Meghalaya, IIT-Guwahati etc....,
- ❖ Some of our valued clients in Hospital Industries are Marwari Hospital, Excel care Hospital, Hayat Hospital, Win trope Hospital, Dispur Hospital Etc.
- ❖ Some of our valued clients in Hotel Industries are Hotel Millennium, Hotel Highway, Hotel Viswaratan, Hotel KF, Hotel MD's Etc.
- ❖ Our valued clients in residential & commercial complex are like R D Motors, Volkswagen, & so many installations in individual villas, bungalows, resorts & farm houses.

It would be our pleasure to develop a growing & long-standing relationship with your company, so we request you to kindly forward us the enquiries pertaining to our services and we assure that you would be getting the best competitive rates and the earliest services for the same.

Thanking you & assuring you our best services always.

Yours Co-cordially,



**RAKESH KEJRIWAL**

Cell No: +91-94350 91929

**PROPRIETOR**

## THE BACKGROUND & STRENGTH

The company is owned by Mr. Rakesh Kejriwal, a young Knowledge hungry entrepreneur with a vast network of Support Vendor Companies.

M/S AQUASOLUTION along with its sister concern ULTIMATE AEROAQUA PVT LTD, M/S KEJRIWAL TRADE AND AGENCIES, M/S SRI DURGA HARDWARE & SANITARY MART, M/S SUDARSHAN ENVIRO are engaged in the business of R&D (INCUBATION CENTRE IN IIT, GHY) water treatment plants, Fountain, ETP, STP & Swimming pool.

Through its customized designing and advanced product range, AQUASOLUTION acquired a pan-Indian extensive clientele in public sectors, private sectors and other establishments like industrial houses, small companies, and group housing societies.

### Efficient Execution/Management

- ❖ Strong executive leadership and judicious and experienced project managers
- ❖ Strong vision and direction
- ❖ Deep involvement of senior leadership
- ❖ Periodic quality and progress reviews

### Strong Sales Force

- ❖ A strong pipeline of contacts is the key
- ❖ Strong dedicated sales force managed closely by the CEO
- ❖ Long term vision and business partnership
- ❖ Ability to deliver, competitive pricing and customer satisfaction

### Cost and Quality

- ❖ Advanced software & techniques for the preparation of drawings and detailed engineering plans
- ❖ A high degree optimal & economic treatment solution based on our expertise
- ❖ Tight processes and multiple cross-checks to ensure cost efficacy and budgetary controls
- ❖ Knowledgeable on-site engineers and project managers

### Timeliness

- ❖ Our ability to plan ahead and monitor performance enables us to deliver on time
- ❖ Detailed project timeline planning
- ❖ Close monitoring of performance and working capital management
- ❖ Project managers held accountable to schedule

### Our Innovations

Taking inputs from our project implementation team and our associates, we constantly keep on doing improvements in not only designing and comprehensive engineering but also in execution techniques and implementing procedures to reduce the lead time required for project completion.

### Certification

- ❖ Conformity Assessment
- ❖ Environment Management System
- ❖ Health & Safety Management
- ❖ Progressive
- ❖ Quality Management System
- ❖ HACC Base
- ❖ Hazard analysis
- ❖ CSIR-IMMT



## Water Treatment Plants

Aquasolution has emerged as the fastest-growing Water Treatment Plant like Sand Media, Activated Carbon Media, Iron & Arsenic Removal plant manufacturer in North East India due to quality of products offered that never fail to render the desired results. We give emphasis to technology and design our products in such a way that it purifies the water precisely the way you want.

### MULTIGRADED (SMF & ACF) FILTER PLANT

Consist of Multigraded Filter is

(Gravel+Sand+Anthracite+MNO<sub>2</sub>+Activated Carbon+Finesand)

#### Advantages & Features

1. Efficient Turbidity & TSS Removal (SGF)
2. Remove Excess Color, Odor, Chlorine Particles (ACF)
3. Filtration up to 20-30 Microns
4. Vessels: FRP, MS, Stainless Steel..
5. Materials: Standard and effective Silica Quartz sand Media..
6. Capacity: 1 KLD to 300 KLD above



### IRON /ARSENIC REMOVER PLANT

Consist of Multigraded Filter is

(Gravel+Sand+Anthracite+MZ10<sup>+</sup>+Activated Carbon+Finesand)

#### Advantages & Features

1. Remove Excess Color, Odor, Chlorine Particles.
2. Low pressure drop across the vessel.
3. IRF Removal of Excess Iron Particles.
4. Vessels: FRP, MS, Stainless Steel.
5. Capacity: 1 KLD to 300 KLD above.



### SOFTENER & DM PLANTS

1. Hard water to soft water by Cation, Anion process.
2. Convert hard water ions of Ca, Mg to Cl, So<sub>4</sub>, No<sub>3</sub>.
3. Low pressure drop across the vessel.
4. Softeners & DM Plant Removal of hardness + TDS.
5. Vessels: FRP, MS, Stainless Steel.
6. Resin Materials: Ion Exchange, Cation & Anion etc.
7. Capacity: 1 KLD to 300 KLD above.



### WATER TREATMENT PLANT ACCESSORIES



### SWIMMING POOL ACCESSORIES



### FOUNTAIN ACCESSORIES





## Micron Filters , UF & Ceramic Filter Plant

### MICRON FILTERS

Mainly for Water Treatment - Pre treatment for RO Plant, Sediment Filtration, UV Post Filtration system also used For Filtration in Dyes manufacturing and Textiles. Excellent depth filtration due to micron porosity. Available in different sizes as per requirement.



#### Specifications:

Usage Type	: Pre Treatment
Source Water	: Bore well, River, Well water etc..
Filter Type	: Polypropylene fiber and Polypropylene core
Housing Types	: HDPE, Stainless Steel...
Micron Ratings	: 1, 5, 10, 20, 50, 100
Size	: 10", 20" 30" 40" 50" & 60".



### ULTRA FILTER PLANT

#### Specifications:

Source Water	: Oil, Grease, Paper, Textile & Printing Industry,
Usage Type	: To removal of Colloids, proteins, bacteria, proteins
Treatment Technique	: Ultra filter for removing Colloidal particles.
Filtration Type	: Hallow Fiber
Capacity	: 250 LPH – 5000 LPH above
Material Type	: MS, UPVC & Stainless Steel..



### CERAMIC FILTER PLANT

#### Specifications:

Source Water	: Waste Water
Usage Type	: Waste water Industry, Food beverage, Printing, Paper mills, Textile Industry & etc...
Treatment Technique	: Separation, Clarification, Purification & etc...
Filter Type	: Tubular, Multi channel ceramic Membrane
Filtration Type	: Cross flow filtration
Capacity	: 30 LPH – 5000 LPH above
Material Type	: MS, UPVC & Stainless Steel..

## Reverse Osmosis (RO) Plants

### SMALL INDUSTRIAL RO PLANT

Usage Type	: Water Purification for Drinking
Source Water	: Bore well, River, Well water etc..
Treatment Technique	: RO, UV, UF etc...
Capacity	: 25 LPH – 250 LPH
MOC	: MS, FRP & Stainless Steel..







### INDUSTRIAL RO PLANT

Usage Type	: Water Purification for Drinking
Source Water	: Bore well, River, Well water etc..
Treatment Technique	: RO, UV, UF etc...
Capacity	: 250 LPH – 2000 LPH
MOC	: MS, FRP & Stainless Steel..

### COMMERCIAL RO PLANTS

Usage Type	: Water Purification for Drinking
Source Water	: Bore well, River, Well water etc.
Treatment Technique	: RO, UV, UF etc...
Capacity	: 3000 LPH – 15000 LPH
MOC	: MS, FRP & Stainless Steel..



## **Waste Water Treatment Plants (ETP, STP & Bio Gas)**

Water is a precious resource, and treated wastewater from an ETP or STP can be reused onsite for various secondary applications such as car wash, flushing toilets, gardening (domestic), for cooling towers, washing processes that can do with grey water (industrial), etc. This reuse brings down your overall water consumption, and results in significant cost savings.

Lastly, because you are a good citizen, and it is the right thing to do for the environment.....

The most common metrics are turbidity (how dirty the wastewater is), pH (the acidity or basicity-pH of 7.0 to be neutral), BOD (biological oxygen demand), and COD (chemical oxygen demand).

### EFFLUENT TREATMENT PLANT

Effluent Treatment Plant (ETP) is one type of waste water treatment method which is particularly designed to purify industrial waste water for its reuse and its aim is to release safe water to environment from the harmful effect caused by the effluent.

The Effluent treatment plants are used in the removal of high amount of organics, debris, dirt, grit, pollution, toxic, non toxic materials, polymers etc.



### SEWAGE TREATMENT PLANT (STP)

Sewage treatment, or domestic wastewater treatment, is the process of removing contaminants from wastewater and household sewage, both runoff (effluents) and domestic. It includes physical, chemical, and biological process to remove physical, chemical and biological contaminants.

Its objective is to produce a waste stream (or treated effluent) and a solid waste or sludge suitable for discharge or reuse back into the environment. This material is often inadvertently contaminated with many toxic organic and inorganic compounds.





## BIO GAS PLANT

Aqua solution biogas plants are available in various sizes from 1 cum to 10 cum. They have been designed in such a way that they can be installed on the roof top as well as beside the house. It is a maintenance-free product. If plants are installed in sunlight, these plants yield more gas. It is fully made of fiber-reinforced plastics and it has a life span of minimum 10 years.

Bio gas produced by the biological breakdown of organic matter in the absence of oxygen. Organic waste such as dead plant and animal material, animal dung, and kitchen waste can be converted into gaseous fuel called biogas. Biogas is produced by the anaerobic fermentation of biodegradable materials such as Cow dung, kitchen waste, biomass materials and Human Waste. Bio gas comprises primarily Methane ( $\text{CH}_4$ ) and Carbon Dioxide ( $\text{CO}_2$ ) and may have a small amount of Nitrogen, Hydrogen, Hydrogen Sulphide ( $\text{H}_2\text{S}$ ), Moisture and Siloxanes.



## Swimming Pools & Fountains

**Introduction:** Aquasolution swimming pool is highly experienced, reputed and most awarded swimming pool Company in North East India. Swimming Pools are the most happening places. These are also of various sizes and designs, sizes, shapes and are used for various purposes. Let us have a look at these beautiful swimming pools.

**1. Above-Ground Pools:** Above ground Pools are those swimming pools which are suitable for middle class family. The budgets of these swimming pools are very less compared to other type of pools. These types of pools are generally above the ground level, different designs are available for above-ground swimming pools.



**2. Indoor Pools:** These are the pools which are constructed under a roof, hence called as indoor swimming pools. Indoor Pools are insulated by minimum three walls. People build these types of pools for the purpose of swimming or training throughout the year, especially in cold climates. Most of the pool lovers go with the choice of indoor pools.

**3. Infinity Pools:** These types of pools are having multiple names like edge pools, disappearing edge and zero edge. These pools are very expensive and require a huge budget to build. The look and feel of these types of pools are very adorable. Infinity pool gives you an illusion like water dropping over an edge just like a waterfall.



**4. Lap Pools:** Lap pools are a swimming pool built and used for fitness and health purposes. Lap pools are usually long and narrow, often more than 50 feet in length. Typically, lap pools are a rectangular shape and can be built on long narrow lots.

**5. Spa Pools:** Swim spa also act as smaller swimming pools in the sense that you can play around in them, or with some of the split models, you actually have a hot tub spa in one end of it and a swimming area in the other end.



## FOUNTAIN



Aquasolution is a manufacturer, Exporter and Trader of Nozzle mounted Fountain Light, Underwater Spot Light, Floor and Wall Mounted Underwater Light, Swimming Pool Light, Fountain Nozzles, Controllers & Power supply, Outdoor Fountains, Floating Fountain etc... With the vision to achieve unsurpassed excellence in the field of illumination and Aquasolution, we constantly try to introduce innovative concepts. This has led us to become one of the pioneer organizations, to introduce the concept of programmed LED lights in India. We are offering Fountain Turkey & German Project Installation service to our Client.







## ADVISERS & CONSULTANTS

### **Mr. PARAG BAGUL, B.E. (Mechanical Engineering.)**

#### **Education Qualification:**

B E - Mechanical Engineering

#### **Experience:**

- 12+ year experience in FRP Swimming Pools Industries
- 3+ year experience in water and waste water management & Research

An engineering graduate with major in mechanical has 15 years of experience in water treatment and FRP swimming pool equipments domain. Throughout his environmental sector career, he was attached with various projects and played significant role from designing till manufacturing and commissioning of various successful water treatment plant and FRP Swimming pool units.



### **Mr. SATHISH KUMAR, M Tech. (Environmental Engineering.)**

#### **Education Qualification:**

M Tech (Environmental Engineering) & B Tech (Chemical Engineering)

#### **Experience:**

- 12+ year experience in Software Industries
- 2+ year experience in water and waste water management & Research

An engineering graduate with major in Chemical Engineering has 13 years of experience in Software Industry and 2 years of experience in water and waste water treatment. Throughout his environmental sector career, he was attached with various projects and played significant role from designing till manufacturing and commissioning of various successful water treatment plant.

### **Mr. KARTHIKEYAN, B.E. (Electronics Engineering.)**

#### **Education Qualification:**

M Tech (Environmental Engineering) & B Tech (Chemical Engineering)

#### **Experience:**

- 3+ year experience in Software Industries
- 9+ year experience in water and waste water management & Research



An engineering graduate with major in Electronics and Communication Engineering has 3 years of experience in Software Industry domain and 9 years of experience in water and waste water treatment Industry. He played a significant role in solving technical problems and give suggestion for improving water and waste treatment process, attached with various projects and played significant role from designing till manufacturing and commissioning of various successful water treatment plant. He has been Playing a role in Indian Institute of Technology Guwahati for improving the water and waste water quality by using Ceramic membrane Technology.

## AQUASOLUTION Team

AQUASOLUTION team members working in the field of water and waste water treatment, chemical engineer, Electronic Engineering, Design engineering, civil, electrical, Business management, computer, mechanical & Finance India.

### Mr. RAKESH KEJRIWAL

Proprietor

#### Education Qualification:

B Sc

#### Experience:

- 10+ year experience in water and waste water treatment plants & Utility equipments
- 5+ year experience in all type of turnkey projects in water treatment, Project's planning.



### Mr. SUJOY KUMAR GANGULY

General Manager

#### Education Qualification:

B Sc, MBA

#### Experience:

- 6+ year experience of Cost control, economic & timely execution of Orders in water and waste water management Industries
- 25+ year experience in MNCs across five countries to manage Sales & Marketing / Revenue Expansion/ Resolving Operational issues.

### Mr. KISHOR KUMAR THAKUR

Business Sales Manager

#### Education Qualification:

B. Sc Royal

#### Experience:

- 22+ year experience in Marketing & Technical Support in Ion Exchange company.
- 15+ year experience in water and waste water management Sales & Service KT



### Mr. JAI PRAKSH THAKUR

Purchase & Logistic Manager

#### Education Qualification:

B Com

#### Experience:

- 12+ year experience in Purchase
- 7+ year experience in water and waste water management Logistic

### Mr. KRISHAN SHARMA

Accounts & Finance

Edu: B. Com

#### Experience:

3+ years in Accounts  
3+ years in Finance

### Mr. RITESH CHATTERJEE

Asst. Manager -  
Sales & Design

Edu: B Sc

#### Experience:

5+ years in sales & Marketing  
3+ years in Design Engg

### Mr. NASIR AHMED

Manager -  
Project Execution

Edu: Diploma Civil

#### Experience:

10+ years in Civil Project  
5+ Telecom OSP

### Mr. DEBA BORAH

Manager-  
Service support

Edu: B. A

#### Experience:

15+ years in Service in  
water & waste water industry



## KEY DATA OF AQUASOLUTION

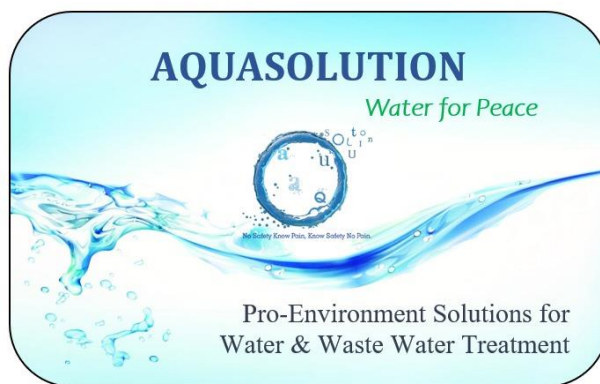
<b>Nature of Business</b>	Manufacturer, Supplier, importer
<b>Year of Establishment</b>	2013
<b>No. of Employees</b>	44
<b>No. of Engineers</b>	03
<b>No. of Designers</b>	03
<b>Production Type</b>	Manual, Semi-Automatic
<b>No. of Production Units</b>	01
<b>Monthly Production Capacity</b>	As per the client's requirement
<b>Original Equipment Manufacturer</b>	Yes
<b>Warehousing Facility</b>	Yes
<b>Niche Market</b>	India
<b>Company GST No</b>	18AFUPK6272R4Z6
<b>Trade License No</b>	193721
<b>PAN Card No</b>	AFUPK6272R
<b>Banking Partner</b>	Allahabad Bank & HDFC Bank
<b>Proprietor Name</b>	Mr. RAKESH KEJRIWAL
<b>Contact Number</b>	+91 94350 91929
<b>Email ID</b>	aquasolutionrk@gmail.com
<b>Website</b>	www.aquasolution.co.in

## AQUASOLUTION Selected Clients

Satisfaction level of our customers about our services offered to them can be measured by sharing their opinions and experience of any of our valued clients. Few noteworthy names who have given the opportunity to prove our excellence, are:







Head Office:

**AQUASOLUTION**

House No.1, 2nd Floor, Kachari Basti Road,  
Near KFC, Ulubari,  
Guwahati, Assam-781007

Cell No: +91 94350 91929

Email ID: [aquasolutionrk@gmail.com](mailto:aquasolutionrk@gmail.com)

Website: [www.aquasolution.co.in](http://www.aquasolution.co.in)

Factory & Ware House:

**AQUASOLUTION**

Amgaon, Near Lakhi mandir,  
Bonda, Guwahati,  
Assam-781026

Cell No: +91 96137 63100

Email ID: [aquasolution.project@gmail.com](mailto:aquasolution.project@gmail.com)

Research Office:

**AQUASOLUTION**

No.211, Research Park  
Indian Institute of Technology -Guwahati,  
Guwahati,

Assam-781039,

Phone: +91 70100 27801

Email ID: [aquasolution.tech@gmail.com](mailto:aquasolution.tech@gmail.com)