

An ISO 9001-2015 Certified Company



We care for water



We care for water

WATER CARE enviro solutions[®]

An ISO 9001-2015 Certified Company

Approved by Kerala State Pollution Control Board

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Customer Care No. 9048472222

“Water is the principle,
or the element, of things.
All things are water.”



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ABOUT THE COMPANY

WATER CARE enviro solutions is an **ISO 9001-2015** certified company founded in the year 2008 by enthusiastic qualified members with the aim of providing environmental products and services. WATER CARE enviro solutions is approved by **Kerala State Pollution Control Board**. Team WATER CARE provides most comprehensive and cost effective systems in water and wastewater treatment. We specialize in providing design, engineering and technology for Moving bed bio reactor (MBBR), Activated sludge technology, Extended Activated Sludge Process, and Moving bed reactor. Our Plants are acknowledged for various modes of operations such as manual, semi automatic and fully automatic. We are equipped with sophisticated machinery and highly experienced work force which enables to fulfil demands of our clients.

OTHER SERVICES

Operation & Maintenance (O&M)

We provide services for operation and maintenance of Water Treatment Plants (WTP), Effluent Treatment Plants (ETP), Reverse Osmosis (RO) and Sewage Treatment Plants (STP).

Annual Maintenance Contract (AMC)

With a qualified team of Engineers and professionals we undertake Annual maintenance Contract (AMC) for Sewage Treatment Plant (STP) Water Treatment Plants (WTP), Reverse Osmosis (RO) and Effluent Treatment Plants (ETP) which includes monthly visits, Water Test Report and replacement of filters etc. Skilled operation saves your operational cost by

- ◆ Optimum chemical consumption
- ◆ Proper Preventive Maintenance to avoid major break down
- ◆ Achieve outlet parameter under PCB norms with Proper equipments handling and operation methodology
- ◆ Maintaining records & Annual Maintenance Report

MATERIAL SUPPLY

WCES provides all the materials required for Sewage Treatment Plant (STP), Water Treatment Plants (WTP), and Effluent Treatment Plants (ETP) with high quality like media, Standard pumps, Chemicals etc.



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REVERSE OSMOSIS PLANT

Reverse osmosis is one of the processes that makes desalination (or removing salt from seawater) possible. Beyond that, reverse osmosis is used for recycling, wastewater treatment, and can even produce energy. Water issues have become an extremely pressing global threat. Reverse Osmosis is one of the processes that makes desalination (removing salt from sea water) Possible. Beyond that desalination is used for recycling, wastewater treatment, and can even produce energy. All our industrial RO Plants are carefully customized and configured to suit the individual requirement of the output water, which varies from normal drinking application to the specific usage such as food processing, pharmaceuticals and boiler feeding requirement.



OUR VISION

- ◆ As a top class organization we shall be looking beyond the just immediate opportunities and create and build up our services with focus on our core competencies in long term prospective.
- ◆ We shall use advance technology, anticipating the need of our customers, responding in a creative, eco friendly and competitive manner.



BIOGAS PLANT

We also supply bio-gas for commercial purpose. Bio-gas typically refers to a 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 a gaseous fuel called bio-gas. Bio-gas originates from biogenic material and is a type of bio-fuel. Bio-gas is produced by the anaerobic digestion or fermentation of biodegradable materials such as biomass, manure, sewage, municipal waste, green waste, plant material, and crops.



INCINERATOR

We also provide consultancy service for incinerators. At sufficiently high temperature and residence time, any hydrocarbon vapor can be oxidised to carbon dioxide and water. Relatively simple devices capable of achieving very high removal efficiencies. Heat can be recovered. Avoids contamination by reducing infectiousness / pollutant levels. Most gases are burnt - well designed systems will give no visible smoke or odor. Easy to maintain.



OUR MISSION

- ◆ Mission is to strengthen our position in the environmental field by improving ourselves and cater a extensive range of services which will constantly adding value to our customer base.
- ◆ Mission is to maintain uppermost standards in our services or products, beyond the expectations of our customers.
- ◆ Mission is to give the solution to our customers in a way by conserving the natural resources on our mother earth.
- ◆ We shall always be driven by "Customer is God" philosophy.

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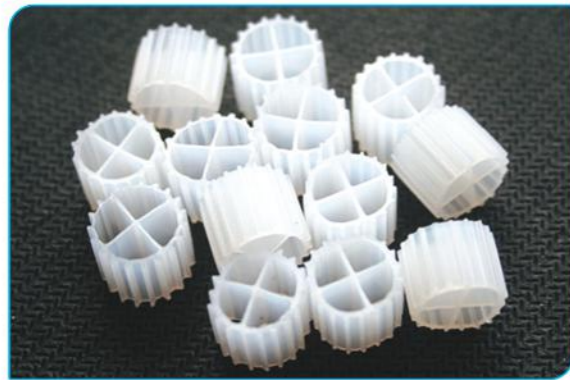
SEWAGE TREATMENT PLANT

We hold expertise in meeting the designing and construction plant demands of sewage treatment. These find application in Sewage Treatment Plants, Conventional Sewage Treatment Plants, Waste Water Treatment Plant, Package STP and Compact STP. We use Activated sludge process and membrane bio-reactor technology to treat waste water.



MOVING BED BIO REACTOR (MBBR) SYSTEM

WATER CARE successfully presenting MOVING BED BIO REACTOR media system using sewage treatment plant & Effluent treatment plant. MBBR Media is less sensitivity to shock loading, clog free operation, no channels or dead spots. Provide & high- bio-surface area, make bio reactor extremely compact, no back wash needed, no sludge return system needed.



PACKAGED SEWAGE TREATMENT PLANT

WATER CARE offer a wide range of packaged sewage treatment plant that are used for treating effluent, or sewage generated by large colonies, hotels, hospitals and institutions / commercial buildings and others. The entire package unit is skid mounted and can be installed near to the effluent / sewage receiving underground tank. After treatment, the treated water can be reused for gardening or can be disposed off. Further, the packaged sewage treatment plant uses all the treatments of aerobic system. It includes:

- ◆ Aeration by air diffuser to increase the dissolved oxygen and decrease the BOD in the effluent
- ◆ Sedimentation of bio mass in tube settler
- ◆ Filtration of sewage through Pressure Sand Filter and Activated Carbon Filters
- ◆ Chlorination of sewage for disinfection



EFFLUENT TREATMENT PLANT

We provide ETP for industries. We Design fixed and floating aerators, clarifier, clari flocculations, Thickeners, Agitators, Mixers, Stirrers, Flocculators, Oil Skimmers, Mechanised Bar Screen for ETP. The effluent treatment plants are designed to treat the effluent coming from different areas of the plant. The treatment of different effluents varies with the type of effluent. Water effluent treatment systems are designed to treat effluent mainly containing oily effluent. The water from the Transformer Area, Turbine building, Workshop etc., is collected in common collection sump from where water is pumped through the Plate Interceptor.



WATER TREATMENT PLANT

WATER CARE offer clients a wide range of water treatment plants, which successfully meet the requirements of cleaning effluents from water their superior structuring and use of quality material in its construction allow it to deliver consistent level of performance for along period of time our range of water treatment plants

- ◆ Ultra Violet filtration
- ◆ Iron removal system
- ◆ Water softener
- ◆ Reverse osmosis plant
- ◆ Ultra filtration & Nano filtration
- ◆ Sand & Activated carbon filtration systems



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