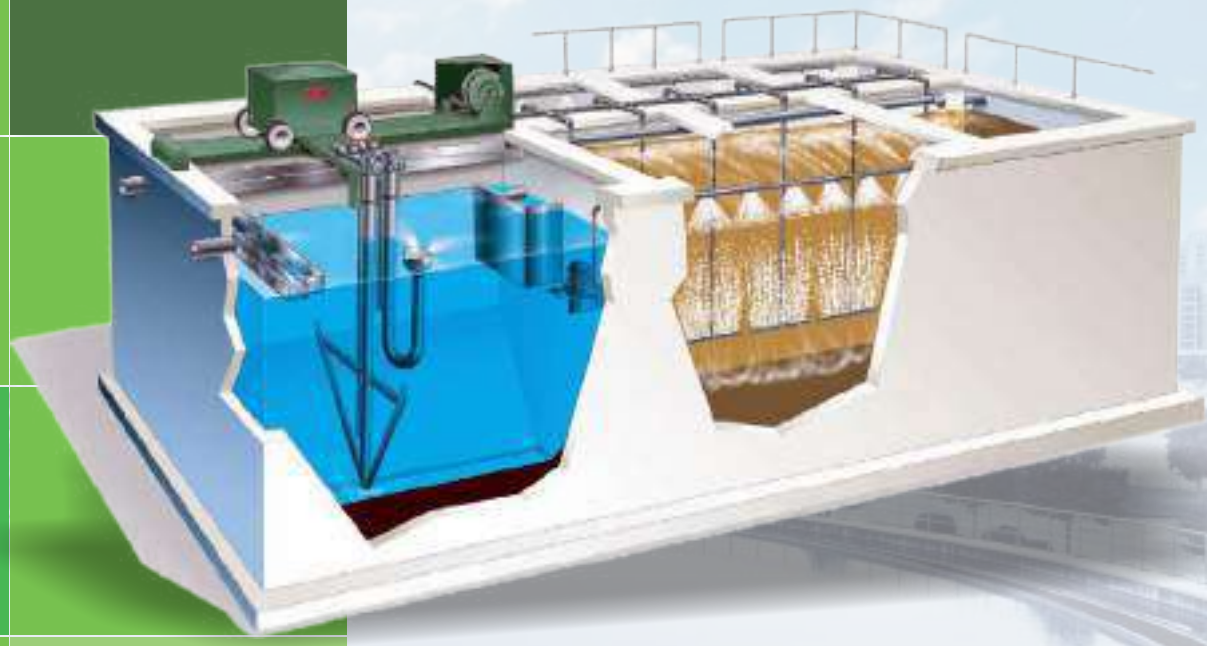

THE WATER TREATMENT & ENVIRONMENTAL MANAGEMENT GROUP

ZEAL
ENVIRONMENTAL & AUTOMATION

About Zeal

We specialize in supply, installation, design, engineering and maintenance of water treatment equipment, plant and system for drinking purpose and waste water quality management. We have been in this field for the since 1997 and we have established an enviable reputation in this field. We are a group of professional, engineer & expert, who have pledged to provide safe drinking water harnessing the latest international technologies with standards & norms of WHO, European & Americans Countries & for supply of hygienically safe & aesthetically acceptable water.

We provide total water treatment engineering from consultation and design to supply, installation, commissioning and operation of the plants. We have wide capability in treatment of water and effluent for society, Textile processing, sugar, oil and refining, pharmaceutical, drinking water commercial units, mineral water and other allied industries.

We do have Infrastructure, resources & technologist and engineers to cater the needs of customer. Our Design, development, manufacturing, testing, inspection and maintenance confirm to all Government Norms & Standard and ISO standards.

We are involved in the field of water and wastewater treatment. Our venture was incorporated to manufacture “state of the art” technology driven water treatment plants, equipments and to design, engineering and turnkey supply of water and wastewater treatment plants and systems.

Zeal Vision

As our name and Motto clear so we are together to be the premier and preferred provider of Technology Enabled and Business Process To deliver the world's most innovative services To help people enjoy life, or offer an affordable solution to in our chosen markets. Resourceful by Nature to unlock the potential of nature and the technology to improve the quality of life.

Zeal Mission

To help our clients maximize their customer lifetime value and increase their competitive advantage by helping drive productivity and efficiency while delivering measurable results. Build the best product, cause no unnecessary harm, use business to inspire and implement solution to the environmental crises. Guided by relentless focus on our five imperatives, we will constantly strive to implement the critical initiatives required to achieve our vision. In doing this, we will deliver operational excellence in every corner of the Company and meet or exceed our commitments to the many constituencies we serve. All of our long-term strategies and short-term actions will be molded by a set of core values that are shared by each and every associate.

ZEAL Group Policies

Business Approach: We pursue profitable business and responsible leadership within our industries Our Brand: We engage with customers, other partners and colleagues to promote and protect our brand Health and Safety: We conduct our business in a safe manner Legal Compliance: We are committed to comply with applicable laws and regulations Our Working Culture: We provide our employees with opportunities to develop and succeed

Our Strategy

“To primarily focus on Water and Automation industries and to work worldwide in partnership with our customers to meet their requirements by creating innovative, reliable and cost-efficient solutions on time and on budget”

ZEAL Target

In compliance with our policy of continued improvements we have a long term target of zero accidents and zero environmental Incidents. We will remain a major factor in the harsh environment and water segments. We will remain profitable and generate industry top.

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ZEAL Approach

Service Strategies will examine the fundamental service requirements important to your customers and help you design and implement a set of offerings and programs to meet their needs. We will examine response and resolution commitments, delivery requirements, value added components and the economics associated with delivering the offerings, based on your market segment. Our approach includes a number of steps including.

- ✓ **Develop customer segmentation strategies for the design of new service offerings.**
- ✓ **Interview customers from each segment to validate their service requirements.**
- ✓ **Assess the capability of the organization to deliver the new service offerings.**
- ✓ **Identify gaps in delivery capabilities and make recommendations to close them.**
- ✓ **Design new service programs with marketing involvement.**
- ✓ **Create pricing models for the new programs and offerings.**
- ✓ **Help develop the service infrastructure to deliver new service program.**
- ✓ **Assist in developing and delivering sales training.**
- ✓ **Assist in launching the new service programs.**
- ✓ **Monitor client acceptance and satisfaction.**
- ✓ **Review service revenue growth and costs.**

Service Strategies will deliver a comprehensive analysis and customer segmentation strategy, along with a proposed set of service offerings and programs. In addition, we will provide an assessment of delivery capabilities, identify gaps and provide improvement recommendations to ensure your organization is ready to deliver the new offerings effectively.

ZEAL Values

Our values are very clear by our name as such motto to help us drive our objectives and provide us with guidelines by which we achieve meaningful results. Our corporate values are guideposts to mark the path and guidelines within which we behave in our dealings with each other, our clients and the communities in which we operate. Only by maintaining this shared focus do we, as individuals, become a successful team, and we achieve its full potential.

Integrity: We insist on open, honest and fair relationships with each other, our customers and business partners. We believe this is the only way to do business.

People: We respect our employees and value their contributions. We are dedicated to creating a work environment that is professionally challenging and personally rewarding. We believe in teamwork, and as a team, delivering exceptional results to our clients and their customers. We are committed to the professional development of each person as they progress through their career at our company.

Clients: We value our clients as business partners. We are dedicated to providing the highest quality of service to them and will treat their goals and objectives as our own. We will increase their competitive advantage by consistently exceeding expectations.

Entrepreneurial Spirit: We foster innovation and will take personal risks to improve our service offerings. We will continuously strive to be the best in order to earn and securely maintain our leadership position as the premier provider of outsourced business process

Leadership: We will continuously strive to 'do the right thing' in support of our clients, fellow employees and all of our partners. We will lead by example and set our standards high for others to follow.

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Water Treatment & Environmental Management

USP
UNIQUE SELLING POINT

ZEAL ENVIRONMENTAL & AUTOMATION

AutoMation

- OEMs
- RMCs

Drinking Water

- RO System
- Softener Plant
- Pressure Filter
- DM Plant
- Electro Chlorinatore
- Chlorination System
- Removal Plant
- Ultra Filtration Sys

Waste Water

- STP & WTP
- Chlorination & DeChlorination
- Scrubber
- ZLD
- Alkaline Ionizer
- Composter

Gaseous Chlorination

Liquid Chlorine

Iron Removal

Fluoride Removal

RO & Ultra Filtration

ATFD

MEE

DM & MB

De-Gasifiers Mix-Bed

ETP

Water Software

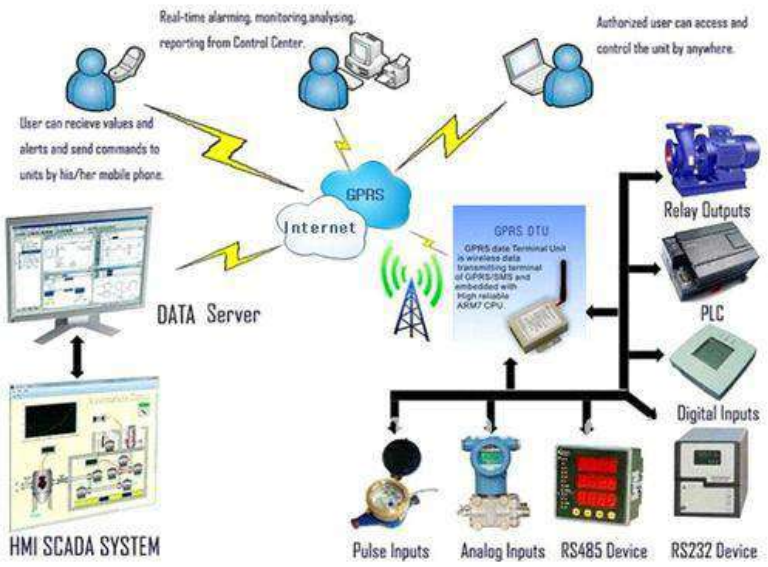
Recovery System

ZEAL ENVIRONMENTAL & AUTOMATION

REMOTE MONITORING & CONTROL SYSTEM

"iSAVE-RMCs"

The functioning of the pumping station remote monitoring and control system in the water supply system. A modern way of data transmission based on the Web platform is applied. The proposed configuration is developed based on Microsoft tools as Web applications and a set of Web services. It enables stable and reliable data transmission from the pumping station to the dispatch center as well as the signal commands from this center to the local control unit. The system provides the operator in the dispatch center with the visualization of control facilities with graphical and tabular presentation of relevant values and parameters. The operator can monitor the functionality of the entire building on the SCADA screen, and alarm reports assist in locating faults, which contributes to a significant increase in maintenance efficiency. The connection between the pumping stations and the dispatch center is established with wireless data transmission using mobile phone operators.



THE CONCEPT OF "Remote Monitoring & Control"

The information and control system enables hardware as well as software to communicate with each other, irrespective of their source. This enables you to gain an insight into how your objects function and allows you to monitor an endless number of technical installations – anywhere in the world – in real time. The use of a smartphone, tablet, laptop or PC allows all this to be done with utmost mobility.

This is what we call: The World at Your Fingertips.....

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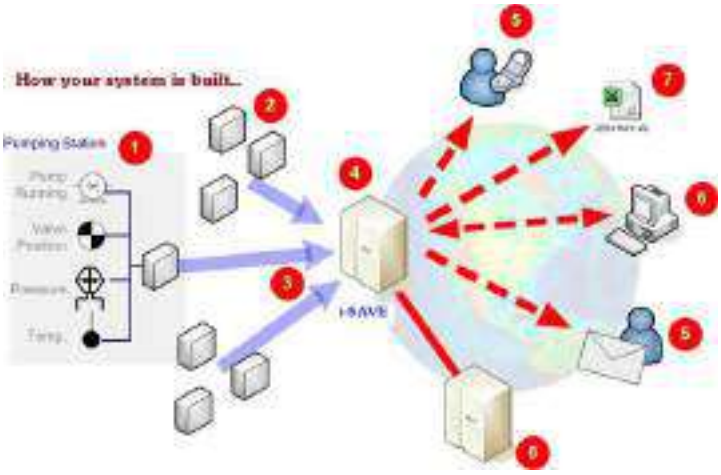
How Your's System Work

- ✓ 1: Your Pump Station
- ✓ 2: A Smart Box
- ✓ 3: GPRS/Internet Network
- ✓ 4: I-SAVE
- ✓ 5: Email and SMS Notifications
- ✓ 6: Web Access
- ✓ 7: Download Data
- ✓ 8: IT Systems



Peace of Mind

- ✓ Reliable, dependable, scalable
- ✓ Alarms reported immediately
- ✓ Alarm acknowledgment guaranteed
- ✓ Call Retries, forever
- ✓ Site communications links are 100% monitored
- ✓ No power, no problem

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Effluent Treatment Plants "Zeal -ET"

'Save Mother Earth' is the slogan of Green Earth movement across the globe. Nowadays; awareness about preserving the nature and green earth has been increasing. The strict compliance of waste water treatment or controlling air/water pollution is the solid step taken by government bodies to support Green Earth movement. Even some new residential projects come with effluent treatment plant to recycle the waste water. A wide variety of technologies have emerged for waste water treatment and other pollution control processes. The technologies in waste water treatment provide various solutions to treat residential sewage waste water as well as waste water generated in various manufacturing industries. Based on the amount and type of waste water, an effluent treatment plant can be build using suitable waste water treatment technology.

Need Of Effluent Treatment Plants

Effluent treatment plants are essential to treat waste water discharged from residential units, various industries or manufacturing units. Apart from treatment plants for residential units, different types of effluent treatment plants are required for various industries as they produce by-products or polluted wastes which cannot be directly discharged in the nature. Where the effluent treatment plants must be installed? Here is the list of industries where effluent treatment plants are essential –

- ✓ Food industry
- ✓ Pharmaceutical industry
- ✓ Dairy industry
- ✓ Textile and dye industry
- ✓ Chemical/ paint manufacturing units

Many such industries need effluent treatment plants to purify the waste water before it gets discharged.

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Advantages

- ✓ Can save 50% area compare with the traditional process
- ✓ Can treat high MLSS waste water (<10g/L), with long residence time for sludge(less30 days)
- ✓ Steady Producing water quality for different water quality
- ✓ Output Sludge value is low , lower the treatment sludge fee
- ✓ Low consumption , cleaning easy, and low operation cost
- ✓ The equipment is carbon steel Integration , biological oxidation and membrane reaction and back wash operate in same integration sewage treatment plant
- ✓ Compare the concrete structure , MBR Integration system /Package Sewage treatment Plant low occupy area, and construction is easy . Only need do a base
- ✓ Can put underground, and surface can do greening

Industrial wastewater treatment covers the mechanisms and processes used to treat wastewater that is produced as a by-product of industrial or commercial activities. After treatment, the treated industrial wastewater (or effluent) may be reused or released to a sanitary sewer or to a surface water in the environment. Most industries produce some wastewater although recent trends in the developed world have been to minimise such production or recycle such wastewater within the production process. However, many industries remain dependent on processes that produce waste waters.

Process Flow Chart of Effluent Treatment Plant (ETP)

Collection Tank
↓
Storage Tank
↓
Mixing & Cooling
↓
Neutralization
↓
Chemical Coagulation
↓
Biological Oxidation Tank
↓
Sedimentation & Separation of Sludge
↓
Sludge Thickner
↓
Filtration
↓

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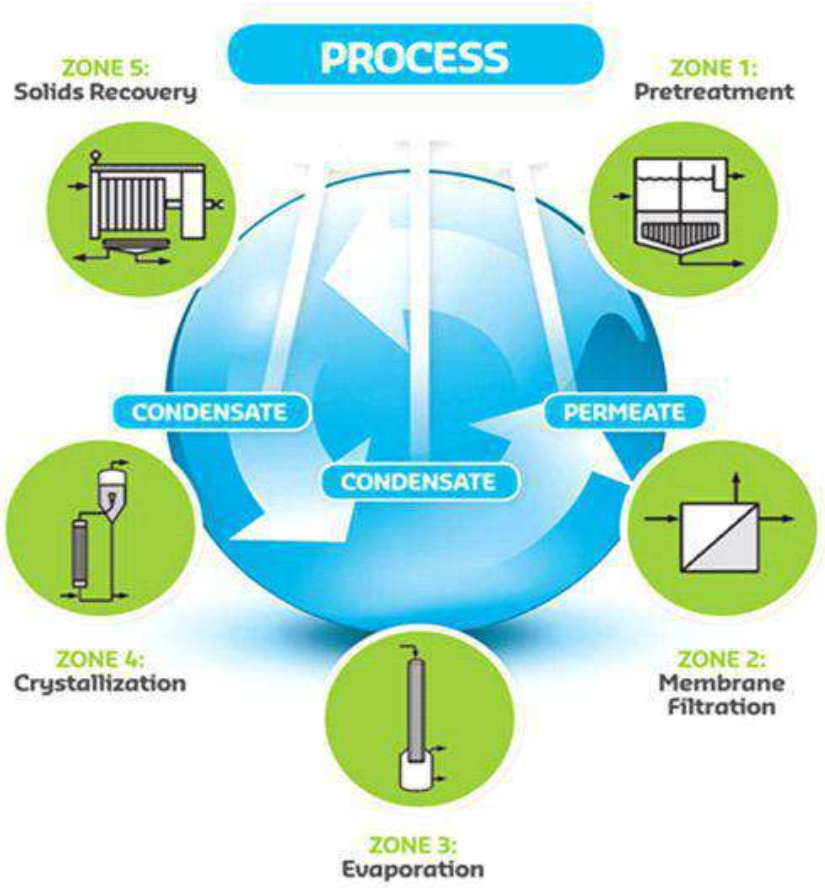
Zero Liquid Discharge ZLD

Zero Liquid Discharge (ZLD) is a wastewater treatment process developed to completely eliminate all liquid discharge from a system. The goal of a zero liquid discharge system is to reduce the volume of wastewater that requires further treatment, economically process wastewater and produce a clean stream suitable for reuse. Companies may begin to explore ZLD because of ever-tightening wastewater disposal regulations, company mandated **green initiatives**, public perception of industrial impact on the environment, or concern over the quality and quantity of the water supply.

Process Experience For A Verity Of Effluent Streams: Each effluent stream presents its own unique challenge when designing an entire ZLD water treatment system to efficiently and effectively minimize waste or eliminate the discharge of wastewater.

ZEAL's experience in treating and managing these streams include specification and complete system design utilizing complementary water treatment expertise from Harambh Water Technologies such as deoiling, softening, clarification, and filtration for the following applications:



- ✓ Membrane System Reject (NF, MF, UF, RO)
- ✓ Cooling Tower Blowdown
- ✓ Flue Gas Desulfurization (FGD) Blowdown / Purge
- ✓ Produced Water (Conventional, Fracking, SAGD)
- ✓ Integrated Gasification Combined Cycle (IGCC) Gray Water

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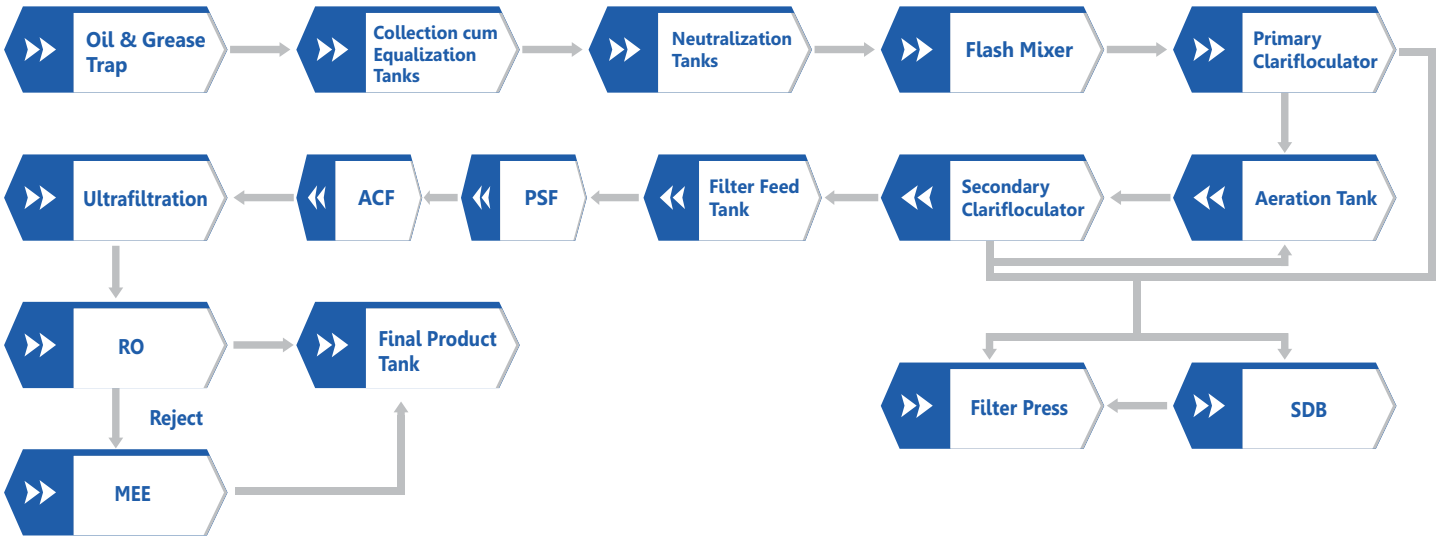

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CHLORINATION & DECHLORINATION

Post treatment of Final effluent after STP by CHLORINATION SYSTEM to reduce facile coli form of effluent which is generally 105-106 MPN/100ml. to 103 MPN/100 ml. level The reduction of B.O.D by Chlorination and preparation of undesired growth of algae and related organism. Chlorine is a strong oxidizing agent and is the oldest method of continuous disinfection for public water supply, chlorine is used as the primary disinfectant for water supply. Chlorine, being a very reactive element, will oxidize organic and inorganic matter present in the water supply and in the pipe distribution systems. The chlorine will, therefore, decrease in concentration with distance from the source to the point where the chlorine level Can become ineffective as a disinfectant. Bacteria growth will occur in distribution systems when very low levels of chlorine are encountered Monitoring for free residual chlorine and total residual chlorine (ie. free available plus combined available chlorine) is a requirement during most dechlorination efforts. The concentration of residual chlorine in the discharge water will determine if dechlorination techniques are required, and the dosing rate of the dechlorinating agent.

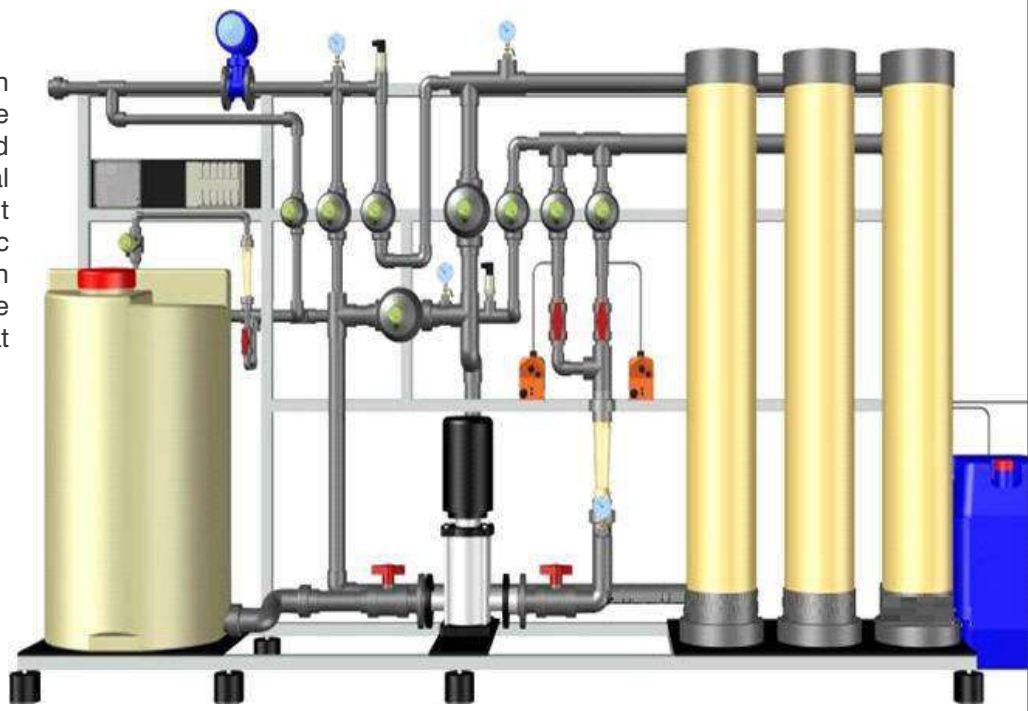
DISINFECTION OF DRINKING WATER

Chlorination of drinking water supply is one of the most significant application in public health protection. Water supply systems disinfect water using Chlorine because of its economy, germicidal potency and efficiency. Over 98% of the drinking water systems world wide disinfect water with chlorine based compounds. Chlorine based disinfectants are the only major disinfectant with lasting residual properties that prevent microbial regrowth and provide continuous protection through the distribution from the treatment plant to the tap. Prevention and control of water borne diseases through source water protection and proper treatment techniques are critically important. Untreated or inadequately treated drinking water supplies, primarily from surface water sources, contain micro organisms that can cause "out brake" of water borne diseases..

ZEAL ENVIRONMENTAL & AUTOMATION

Ultra-Filtration "ZEAL-Ultra"

These are systems based on separation process using membranes having pore sizes in range of 0.1 to 0.001 micron and provide assistance in removing colloidal materials, high molecular-weight substances as well as organic & inorganic polymeric molecules. The Ultra filtration membranes used in these systems have flux varying between 50 and 200 GFD at operating pressure of about 50 psig.



In the filtration process, Ultra-Filtration (UF) utilizes trans-membrane pressure differential for separating particles as per molecular weights. The raw water particles are smaller than pore of UF membrane get permeate and particles larger than UF membrane pore size get separated as concentrate under applied pressure..

ZEAL ENVIRONMENTAL & AUTOMATION

Demineralization Plant

Demineralization is also called deionization and is used to remove the salts and minerals available in the water to make it drinkable and soft. Mineral water consists of adequate of quantity of salts, calcium, magnesium, sodium etc. which is hard to drink so it is preferable by many to make it free from the minerals or salts. Though many people and medical claim to be water with adequate minerals because mineral water prevents much disease because of calcium and magnesium etc.

Anyways, demineralization is still performed with help of ION Exchange, RO, and electro dialysis. RO and elctrodialysis are performed to remove the dissolved solids with the help of membrane process where as Ion exchange is softening process which is mostly used to remove the hard minerals such as calcium, magnesium from the water or waste water. In his process, Hydrogen (H+) and Hydroxide (OH-) are used to replace the negative and positive ions. Negatively charged ions are called anions and positively ions are called cations. Cations include the calcium, magnesium, sodium which is treated with acid and replenishes with H+ ions. Whereas Anions denotes chloride, sulfate and bicarbonate etc and replenished through OH- ions. It is assumed that the treated water is already filtered but is hard enough to drink.

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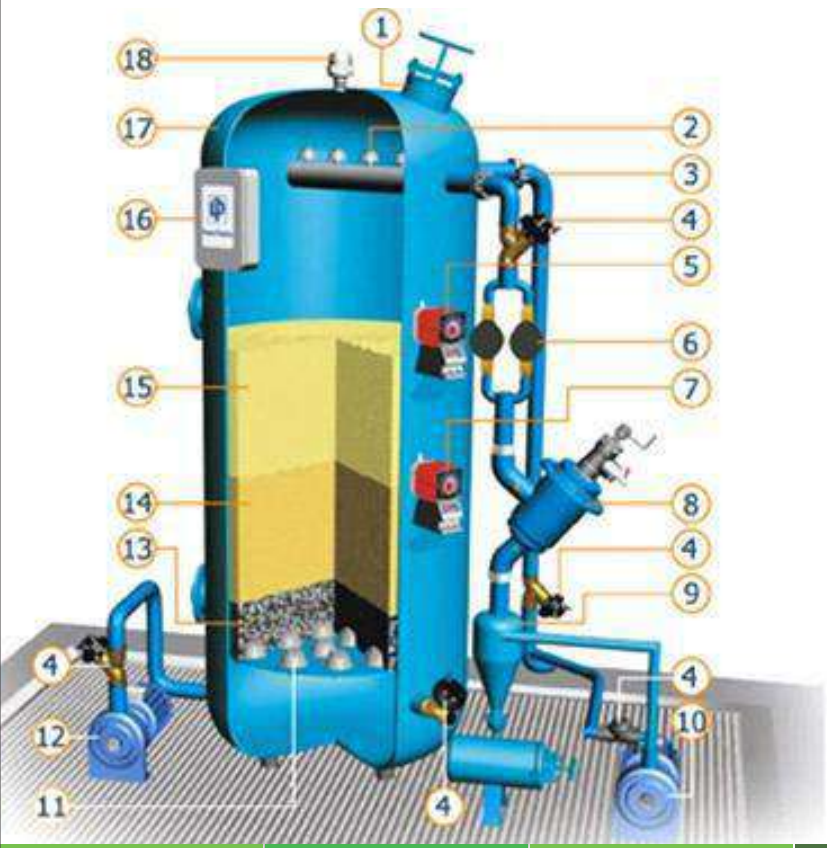
Water Filtration "ZEAL-FP"

The water filtration plant, four long pipes are arranged together with the pit chambers or tanks. Raw water is then generated to the pit chamber in which chemicals are added to make the water reacted with the chemicals and to remove the contaminants lying in the raw water. A conventional process is used in which mixture of chemicals and raw water is distributed into one of the channels through the rotating paddles. These paddles work on slow motion and small particles takes form of large particles and these large particles laid down under floor. These large particles become a form of sludge and sludge is dried through the sludge lagoon so that it could be removed easily. Revolving paddles help the raw water to leave the small particles and these small particles are separated through sand filters and later, with the combination of water and air, these filters are cleared timely. During this process, clear water is settled into one of the Clearwater tank which is settled underground located in the main building and each drops of clear water is being driven in the tank. After that, this clear water is treated with the drops of chlorine so as to remove the harmful organisms and other solvents which can lead for dental problems for human.



Water filtration plant manufactured by us is of high quality which helps in reducing unwanted contaminants from the polluted water. This kind of water plant is designed with the industrial standards and fulfills the criteria on its performance ground. Basically, raw water may contain the harmful and undesirable organisms which can be felt through the smell & taste and can be seen through the color change or water. Water filtration plant is used to clean such kind of raw water and to make it fir for drinking or some other purposes. While using this process, some chemicals are used to make the water clean.

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Sewage Treatment Plants "STP"

Sewage is usually resulted of the disposals from residence, industry, offices, factories and other public outlets. This disposal includes the waste & water from kitchen, bath, toilets, rain waters & other occasionally cleaning operations. Though the waste water coming from the industrial area can not be re-used as it contains the high level of solids & chemicals which made the water color Black where as the disposals or waste coming through household is of grey color which can be recycled and re-used for planting or harvesting. It can also be supplied back to residential or commercial buildings to use it for flushing the toilets. But due to improper sewage system, black water is getting mixed with the grey water for which this treatment is adopted.

Sewage treatment plant helps in removing contaminants from waste water and household effluent, both runoff (effluents) and domestic. It includes physical, chemical, and biological processes to remove physical, chemical and biological contaminants. Its objective is to produce an environmentally safe fluid waste stream (or treated effluent) and a solid waste (or treated sludge) suitable for disposal or reuse (usually as farm fertilizer).

The Sewage from the residential and commercial buildings is treated for reduction in BOD, COD & TSS for disposal, gardening, flushing and other non-potable purposes.

STP Plant is very effective and economical. This plant outputs treated water and its waste can be recycled for further horticulture & fluxing use.

Types of STP (Sewage Treatment Plant)

- ✓ STP – E.A. (Extended Aeration)
- ✓ STP – SAFF (Submerged Aeration Fixed Film)
- ✓ STP – SBR (Sequential Batch Reactor)
- ✓ STP – MBBR (Moving Bed Bio Reactor)
- ✓ STP – MBR (Membrane Bio Reactor)

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Water Softner "ZEAL-Soft)

A water softener is used to soften hard water by removing the minerals that cause the water to be hard. Water softeners are specific ion exchangers that are designed to remove ions, which are positively charged (mainly calcium (Ca2+) and magnesium (Mg2+).

Ion exchange resins are very small porous round plastic beads. The polymer structure of the resin bead contains a fixed negative ion that is permanently attached. This cannot be removed. Each negatively charged exchange site can hold a positively charged ion. In this case, sodium which has a positive charge is attached to the exchange site (negative and positive charges attract each other).

The calcium and magnesium ions present in hard water have a stronger positive charge than the sodium ions. As a result the calcium and magnesium have a stronger attraction to negatively charged resin bead than sodium does. Hence when hard water is passed through the resin bead, the sodium ion is kicked off the resin bead and the calcium and magnesium ions take its place and get attached to the bead. In simple terms we can say that the calcium and magnesium ions are exchanged for sodium ions. Hence the hard water turns into softwater since the treated water does not contain any calcium or magnesium ions.

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Reverse Osmosis "ZEAL-RO)

Reverse osmosis is a complicated process which uses a membrane under pressure to separate relatively pure water (or other solvent) from a less pure solution. When two aqueous solutions of different concentrations are separated by a semi- permeable membrane, water passes through the membrane in the direction of the more concentrated solution as a result of osmotic pressure. If enough counter pressure is applied to the concentrated solution to overcome the osmotic pressure, the flow of water will be reversed.

Water molecules can form hydrogen bonds in the reverse osmosis membrane and fit into the membrane matrix. The water molecules that enter the membrane by hydrogen bonding can be pushed through under pressure. Most organic substances with a molecular weight over 100 are sieved out, i.e., oils, pyrogens and particulates including bacteria and viruses.

Salt ions, on the other hand, are rejected by a mechanism related to the valence of the ion. Ions are repelled by dielectric interactions; ions with higher charges are repelled to a greater distance from the membrane surface. The nominal rejection ratio of common ionic salts is 85 - 98%.

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Online Effluent Monitoring System

"iSave-OEMs"

On-Line Effluent Monitoring Systems "iSave-OEMs"

provide continuous monitoring of compliance parameters for the the purpose of effluent permit reporting purposes or simply self-monitoring purposes. Our monitoring systems can provide hardcopy recording via strip chart recorders, or provide electronic data-logging, or retransmit via a network connection. Any analytical parameter can be monitored including:

- ✓ pH (0-14)
- ✓ Flow (instant and total)
- ✓ Temperature
- ✓ Conductivity / Turbidity
- ✓ TSS and / or TDS
- ✓ Heavy Metals via colorimetric determination including (Fe, Cu, Cd, Cr, Ni, Zn, etc

In lieu of the Ganga Action Plan, NGT and Central pollution control board(CPCB) have joined forces and mandated industries to continuously monitor their effluent and employ zero liquid discharge(ZLD) concept. Real time monitoring of industrial discharge is an important part of every comprehensive to improve the health of natural water systems. This step is an attempt to ensure the level of pollution complies with norms to reclaim the quality of Ganga River and its tributaries.

The parameters to be monitored vary from industry to industry, however regular monitoring of pH, TSS (Total suspended solids), BOD (Biochemical Oxygen demand), COD (Chemical Oxygen Demand) are common to all industry types.

Harambh online monitoring systems which use a cloud based platform, designed by i-SAVE, to regularly monitor the parameters and report data to CPCB and SPCB's.

These systems employ the technology and principle of UV-Vis spectrophotometers, which is in compliance to the approved methods and the best method to correlate the laboratory measurements. This method involves absorbance of light by different types of matter. This advantage of distinguishing different organic types with accurate measurements supplants the obsolete methods. These analyzers use innovative technology and cater superior performance, cost effectiveness, continuous photometric and spectrophotometric analysis.

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Composter

Organic Waste

ZEAL Composter

Compost Ready For Curing

Compost Curing System

Organic Garden

Composting is an aerobic method (meaning that it requires the presence of air) of decomposing organic solid wastes. It can therefore be used to recycle organic material. The process involves decomposition of organic material into a humus-like material, known as compost, which is a good fertilizer for plants. Composting requires the following three components: human management, aerobic conditions, development of internal biological heat.

Ideal For ...

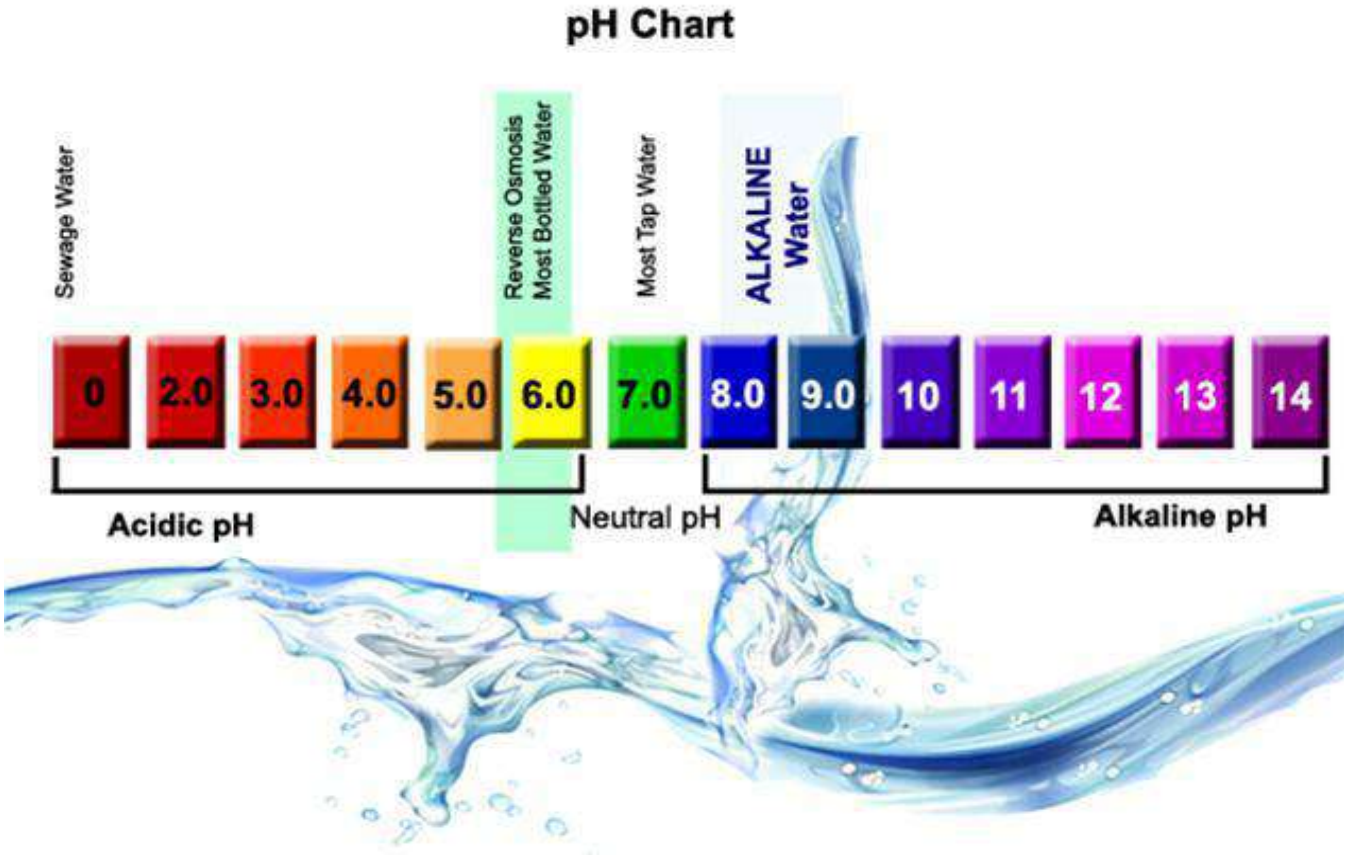
- Hotels
- Restaurants
- Temples
- Hospitals
- APMC Market
- Clubs & Resorts
- Industrial Canteens
- Institutional Campuses
- Municipal Corporations
- Building Clusters in lane
- Large Housing Complexes

ZEAL ENVIRONMENTAL & AUTOMATION

Alkaline Ionizer

What is alkaline water?

Water is one of the vital elements of human being as same as air or food. Aquifers water or natural spring water contains plenty of soluble minerals, which means it is quite alkaline. When water is electrolyzed, mainly there are two types of water. The water formed by the cathode is called alkaline reducing water, and the other formed by anode is called acidic oxidized water. With innovation technology, the separation of water can be easily produced by an alkaline reducing water creator. Alkaline reducing water is rich in active hydrogen. Also it helps to increase the natural healing ability and vitality in human body, and to neutralize human body's unwanted acidic waste. That is why alkaline water ionizer is called as 'Water Science Division' that contributes to the overall health of human. Alkaline water is water that's less acidic than regular tap water. This means it is rich in alkalizing compounds, including calcium, silica, potassium, magnesium, and bicarbonate. Many people believe that the typical North American diet contributes to chronic low-grade acidosis – a condition that may be associated with poor health outcomes including heart problems, altered hormonal status, and the loss of muscle or bone. Proponents of alkaline water believe that it can neutralize the acid in your bloodstream and help your body metabolize nutrients more effectively, leading to better health and performance.



Alkaline Water is...

✓ The hexagonal water with great reducing capacity
✓ The water that is quickly absorbed into the human body and rich in active hydrogen
✓ The water that has smallest the water molecules (clusters) which is the best water

The Small Water Cluster, Alkaline Water

Alkaline water, commonly known as micro-clustered water, has smaller molecular structures which penetrate easily and are quickly absorbed into your cells when consumed. Alkaline water has the smallest water cluster, six-sided water, and tight cluster (54Hz) so it can be absorbed into body and helps enhance metabolism.

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Improve Immunity
An alkaline environment nurtures healthy blood cells and increases overall immunity.

Increases Hydration Level
It easily penetrates your body at a cellular level, thus hydrates the body better.

Source of alkaline minerals
Ionized alkaline water restores alkalinity and flushes out acidic toxins from the body.

Elevates Oxygen Level
It has high oxygen levels and delivers nutrients to your body cells more efficiently, keeping you more energized throughout the day.

Rids you of diseases
It prevents diseases such as Arthritis, Cancer, Hypertension, Diabetes, Digestive Problems, Weight Problems, Osteoporosis, Asthma, Allergies, Skin Disorders, and Acid reflux.

Alkaline Water is...

✓ The hexagonal water with great reducing capacity
✓ The water that is quickly absorbed into the human body and rich in active hydrogen
✓ The water that has smallest the water molecules (clusters) which is the best water

The Small Water Cluster, Alkaline Water

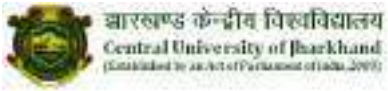
Alkaline water, commonly known as micro-clustered water, has smaller molecular structures which penetrate easily and are quickly absorbed into your cells when consumed. Alkaline water has the smallest water cluster, six-sided water, and tight cluster (54Hz) so it can be absorbed into body and helps enhance metabolism.

3	4	5	6	7	8	9	10
Acidic pH				Neutral pH	Alkaline pH		

Acid-forming Foods			*Neutral*	*Alkaline-forming Foods*	
Wine	Coffee	Eggs	Butter	Apples	Raw Spinach
Cheese	Wheat	Oats	Raw Milk	Oranges	Raw Celery
Pork	Beef	Fish	Most Tap	Almonds	Olive Oil
Gatorade	Sugar	Soy Milk	Water	Avocados	Mangoes
Coke (2.5pH)	Beer	Tea		Bananas	Carrots
				Tomatoes	Raw Broccoli

ZEAL ENVIRONMENTAL & AUTOMATION

ZEAL CLINTS



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In Industry, Technology Is Being Extended For Zero Liquid Discharge For Following Applications Namely:

- ✓ Pharmacy (API & Formulations),
- ✓ Petrochemical,
- ✓ Specialty chemicals
- ✓ Chemical Research Organizations
- ✓ Biotech Industries
- ✓ Pesticides,
- ✓ Textile,
- ✓ Dyestuff & Dye Intermediates,
- ✓ Wineries & Distilleries
- ✓ Paper & Pulp Mills,
- ✓ Municipal Corporation / Nagar Palika,
- ✓ Hotels & Commercial Complexes
- ✓ Residence Society,
- ✓ All types of Industries

Our Involvements

- ✓ Manufacturing
- ✓ Design $ Development
- ✓ Erection & Commissioning
- ✓ Maintenances, Operation & Services “AMC”
- ✓ Project Consultant

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The Water Treatment & Environmental Management Group

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