



**ENVIRO SYSTEM UTILITY**

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## **WHO WE ARE :**

**ENVIRO SYSTEM UTILITY** Was found in the year of 1995 and started operation in Dubai as a member of ABDULLA ALI BIN HAIDER GROUP.

**Enviro System** has been dedicated to the singular business of Water and Wastewater Treatment for the last 18 years, operating under the same management and ownership since its corporate establishment.

**Enviro System** Services are the result of interaction between Enviro System Team, End Users , Contractors and Business Owners for the last period of business.

**Enviro System** Technical Team have a broad range of expertise in all of Water and Waste Water Treatment process to ensure the flexibility in design since you will find in every discipline Enviro System provide numerous process choices to solve water treatment problem effectively and economically.

**Enviro System** Sales and Service Network has Local and Global Coverage Through Company - Owned Regional Offices as well as Appointed Representative , Sister Companies and Partners and The interaction between them form Strong integrated organization to serve all users in any place at any time.

**Enviro System** has had the opportunity to complete projects Since the date of establishment . The skills and abilities of the Enviro System have been demonstrated on a wide range of the projects such as:

- Turnkey BOT , BOOT and BOO Project For Desalination Plants.
- Utility System Management from Initial Study till System Operation.
- Turnkey Desalination Systems ( RO ) .
- Mobile and Package Water and Waste Water Treatment System .
- Waste Water Treatment and Recycling Systems.
- Emergency Supply for Water Treatment Systems include Rental Solution

We believe that Our Challenge is to provide equipment and engineered solutions that are highly suitable for the environment and as per the actual demand.

We engage in close cooperation with our clients, studying their actual situation on site to reach suitable solutions and select the appropriate system components

## WHAT WE DO :

**Enviro System** provides complete engineering, procurement, design and construction services for our customers throughout the world. We utilize our regional offices' , construction and procurement talents in combination with our engineering specialists and our suppliers and partners to bring about the lowest capital costs for our clients.

Our core business is Turnkey Water and Wastewater Treatment Plants and equipment also **Enviro System** provides the best available solutions and wide range of product such as :

- Rental Solution For Water Desalination Plants ( RO ) .
- Rental Solution For Waste Water Treatment Plants ( MBR , MBBR and SBR )
- Utility Operation and Management .
- Municipal Water and Waste Water Treatment Systems .
- Industrial Water And Waste Water Treatment Systems .
- BOT, BOOT and BOO Solutions.
- Sludge Handling System ( Belt Press , Filter press and Sludge Conveyor ) .
- Ion Exchange ( Mixed Bed , Two Bed )
- Settling and Floatation ( DAF and Lamella Clarifiers ) .
- Package Filtration .
- Emergency Supply for Package Water and Waste Water Treatment .

The Following scope of work is a clear description for **Enviro System** Services :

- Engineering and Process Design .
- Material and System Selection .
- Procurement .
- Manufacture Supervision .
- Installation and Commissioning .
- Operation and Maintenance .
- Provision Of Chemicals , Consumables and Spare Parts .





## **RENTAL SOLUTION ( Water Treatment ) :**

**Enviro System** Trying from the date of its establishment to bring to the market the most convenient and practical solution which can help our client to achieve their needs especially for the temporary facility and short term projects .

From this concept we add to our services the Rental Solution for water treatment system through one of our Partners which is **GET WATER .**

**GET WATER** is a global provider of rental of mobile water solutions, offering reliable equipment, flexible services and exceptional engineering services, at a moments notice. And considered as a one of the first companies who introduce the rental solution for water treatment field to the GCC market , and now it is considered as leading company in that field according to systems quality , availability and the wide range of capacities .

**GET WATER** depend on General Electric ( GE ) Technology and Systems which is considered as a best Mobile Water Desalination Systems can be find all over the world and each system is a result of years of experience and 100's of working hours.

**Enviro System** Temporary Water Solutions includes reverse osmosis membranes for brackish and sea-water available in 20ft or 40ft containers each with a capacity of up to 1000 m3 per day. Each plant includes Pre - Treatment, low and high pressure pumps, reverse osmosis membranes and all associated chemical dosing pumps and control equipment. All units are '**plug & play**', with only power supply, inlet water, product water & brine discharge connections required.

Integration of multiple containers for larger capacity requirements or provide customized plants for smaller capacity requirements. **Enviro System** can also provide the option of non-containerized (building installed) plants for treatment capacities larger than 5,000 m3 per day

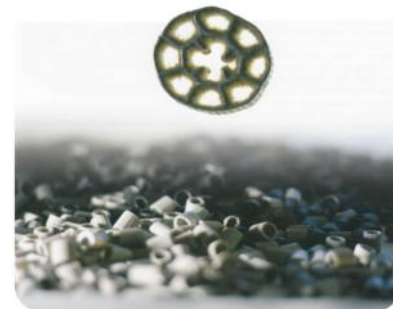


## WASTE WATER TREATMENT SYSTEM & SOLUTIONS :

**Enviro System** offer a wide range of capacity for the Package Sewage Treatment System vary from 1 – 1000 m<sup>3</sup> / day , We propose the required treatment process according to the capacity of the system and the nature of the project .

Our Package STP based on the following Technology :

- SBR Process for the capacity of ( 1 – 30 m<sup>3</sup> / day ) .
- MBR Process for the capacity of ( 50 – 1000 m<sup>3</sup> / day ) .
- MBBR Process for the capacity of ( 50 – 1000 m<sup>3</sup> / day ) .
- Activated Sludge – Extended Aeration for the capacity of ( larger than 1000 m<sup>3</sup>/day ) .



All of our Package STP have the following advantages :

- Engineered to best available technology and all components are European or USA make from the leading manufacturer .
- All systems are designed for best durability , easy Installation and less frequent Maintenance .
- Package STP required the less space at the site and it is very economical for Shipment and Re – localization .
- The Package system required the minimum civil work and installation time at site
- Less Sludge production and very economical for sludge treatment and handling .
- **Rental Solution is available up on request .**





## SMALL PACKAGE STP FOR VILLAS AND SMALL COMMUNITIES :

**Enviro System** Develop the SBR technology to adapt the small capacity starting from 0.75 m<sup>3</sup>/day which is enough for ( 3 – 5 Capita ) to 30 m<sup>3</sup>/day for ( 200 Inhabitants ) .

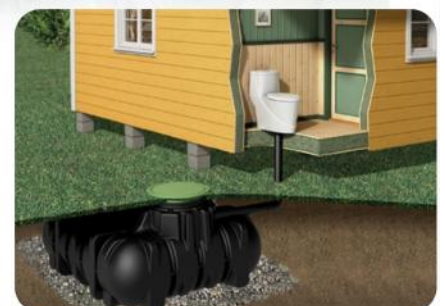
The offered system has a high durability and practical value , the system is very simple and consist of numbers of GRP Tanks according to the selected capacity , all the mechanical and electrical components are Pre - Installed inside the tanks , the system can be installed above or underground .

The System have a very important advantages which is the flexibility as the system can be expanded at any time by addition of another stream and they can work parallel together .

The small package STP is very useful for Individual Villas or complexes since the treated water can be used for irrigation and lowering the cost of domestic water .

The system is fully automatic and has a Warranty for 3 years also the system required the minimal amount of maintenance .

### System Pictures



## UTILITY MANAGEMENT :

Today's Utilities, public works, and water resources agencies face pressures to do more with less while meeting safety, service, operational, and financial goals. **Enviro System** business-oriented solutions support efficient, effective operation, helping to maximize the values .

**Enviro System** bring total water solutions with a balanced approach between the customer needs , the budget and our capability.

Our services range from initial study and master planning to engineering, program management, design/build , construction, delivery methods, and operations and maintenance. Full-service delivery capability means we implement solutions that last, and that make sense for the communities where we live and work.

Our staff of former utility managers has worked with asset management technologists to develop the methodology and tools needed to help you define a sustainable, integrated, and risk-based strategy for managing your utility's assets at your desired level of service. Our methodology is not one-size-fits-all. We work with every utility to define its optimal, individual path toward better asset management. Moreover, we are experts at helping you gain political and public support for the responsible spending needed to maintain the desired level of service. You can count on **Enviro System** for all of your asset management needs .

As we mentioned before we have many delivery methods like BOT, BOOT and BOO Solutions plus water selling option . Our client can select the best option which can meet his requirements and budget .





**WATER & WASTE WATER TREATMENT EQUIPMENT :**

**Enviro System** Offer a wide range of equipment to cover all Stages of the treatment process including Pre – Treatment, Secondary Treatment , Advanced Treatment , Sludge Handling & disposal and Odor Control .

Below is the equipment we are able to supply :

- Screens include Basket Screen , Manual & Automatic Bar Screen And Rotary Drum Screens.
- Grit Removal , Longitudinal Grit Trap.
- Clarifiers & Decanters .
- Fine & Coarse Bubble Diffusers .
- Mixers & Aereators .
- Chain Scrapper & Scum Removal ( Skimmers ) .
- Ultra & Nano Filtration .
- DAF and Other Settling & Floatation Systems .
- Sludge Handling & Disposal Include Containerized Sludge Dewatering, Sludge Dryier, Polymer Dosing Units, Centrifugal System, Screw Thickener , Belt Press , Filter Press and Conveyour.
- Odor Control System include Bio Filter & Activated Carbon Filter.
- Chlorinators include Gas & Liquid chlorinators .
- Dosing & Feeding Systems .
- Pumps include Centrifugal, Submercible, Split Case and sludge pumps.
- On – Line Instrumentation, Flow , Level and pressure measurements .





## ENVIRO SYSTEM UTILITY

### OUR MISSION

WE ARE SOLUTION PROVIDER ORGANIZATION IN WATER TREATMENT FIELD HELPING OUR CLIENTS WITH THE MOST SUSTAINABLE MANNER TO ENSURE THE BEST SOLUTION AT A MINIMUM COST

### OUR VISION

THE ENTREPRENEUR COOPERATION BETWEEN THE PRIVATE SECTOR AND GOVERNMENTS PROVIDE WATER AND POWER WHICH CAN SUPPORT THE SOCIAL DEVELOPMENT AND ECONOMIC GROWTH OF NATIONS

### OUR CHALLENGE

OUR CLIENTS EXPERIENCE US AS A HIGH INTEGRITY, LOYAL AND TRUST PARTNER AND THEY CAN RECEIVE THE FULL VALUE FROM OUR WORK

### OUR ADVANTAGES

WE ARE USING THE SIMPLE , HIGH PERFORMANCE AND COST EFFECTIVE TECHNOLOGY AND SOLUTIONS READY FOR UPGRADABLE FOR ADVANCED PERFORMANCE AND FUTURE EXPANSION



**PARTIAL PROJECT LIST :**

No	Client Name	Location	Capacity
1	H.H.sheikh Mohamed Bin Rashid	Dubai	60,000 Galloons
2	H.H.Sheikh Mohamed Bin Rashid	Dubai	120,000 galloons
3	H.H. Sheikh Saqer Al qasmi	RAK	160,000 galloons
4	H.H. Sheikh Saqer Al Qasmi	RAK	60,000 galloons
5	Hilton Hotel	RAK	100,000 galloons
6	Hilton Hotel	RAK	40,000 galloons
7	Bin Majed Hotel	RAK	30,000 galloons
8	Shooting Club	UM alquwain	60,000 galloons
9	H.H. Sheikh Abdullah bin Rashid	Um Alquwain	60,000 galloons
10	Dreamland Park	Um Alquwain	200,000 galloons
11	H.H. Sheikh Ammar bin Humaid Al nuaim	Ajman	50,000 galloons
12	Mirac Agriculture	Althaid	120,000 galloons
13	Mirac Agriculture	Althaid	60,000 galloons
14	Mirac Agriculture	Althaid	40,000 galloons
15	Abulrhman Al Nuaime	Ajman	3,000 galloons
16	Azerbaijan International airport	Azerbaijan	
17	Pepsi Cola Co.	Somalia	60,000 galloons
18	Mr. Mohamed Saleh	Yemen	6,000 galloons
19	Albawardi Eng.	Dubai-Nid Alshibh	120,000 galloons
20	Arabtec Construction Co.	Abu Dhabi	60,000 galloons



No	Client Name	Location	Capacity
	Habshan Adco Project		
21	Shiekha Sanaa	Dubai	
22	Scandinavian insurance Co.	Dubai	
23	Scandinavian insurance Co.	Dubai	
24	Abdullah Abu Hulaibh	Dubai	
25	H.H. Mohamed Bin Rashid	Dubai	
26	H.H. Hamdan Bin Rashid	Dubai	
27	Mubarak Al Amry	Al Ain	180,000 galloons
28	Hamad Qashat Al Amry	Al Ain	120,000 galloons
29	Abdullah Al Amry	Al Ain	120,000 galloons
30	Abdullah Al Ghafli	Al Ain	60,000 galloons
31	Mohamed Mubarak	Al Ain	60,000 galloons
32	Mohamed Msoud Al Masonry	Al Ain	60,000 galloons
33	Ahmef Khlfan Almazrooe	Al Ain	200,000 Galloons
34	Musabeh Al Gindi	Khlfan Alswaide	12,000 GPD BW
35	South Oil Company	Iraq Basrah	6,000,000 GPD
36	Iran Zinc Company	Iran-Qeshm Island	80,000 galloons
37	Zulal Iran	Tehran-Iran	120,000 galloons
38	Alkawther water factory	Saudi Arabia	200,000 Galloons
39	Hilton Hotel	RAK	100 CM/day
40	Al wazan Tower	Sharjah	100,000 galloons
41	Al Alyousof Tower	Sharjah	100,000 Galloons

No	Client Name	Location	Capacity
42	Al Saraf Tower	Sharjah	100,000 Galloons
43	Obaidullah Contracting	Dubai_bardubai	100,000 galloons
44	Obaidullah Contracting	Dubai-alqusais	90,000 Galloons
45	Police Club RAK	RAK	150,000 galloons
46	Ibrahim al mulla	RAK	70,000 galloons
47	Al risalh school	sharjh	90,000 galloons
48	Tahir al amri	Abu Dhabi	80,000 galloons
49	Sultan almansoori	Abu Dhabi	100,000 galloons
50	Educational district in Dubai	Dubai	200,000 galloons
51	Tiger contracting	Sharjah	80,000 galloons
52	Mohamed alshihi	Dubai	90,000 galloons
53	Omer Alowais	Dubai	50,000 galloons
54	Abdul Aziz AlMajed Adnan Safarini	Dubai	40,000 galloons
55	SAIF Zoon /Shj. Airport	Sharjah-UAE	300,000 GPD
56	SAIF Zoon /Shj. Airport	Sharjah-UAE	450,000 GPD
57	Teem Engineering	Sharjah-UAE	60,000GPD
58	SAIF Zoon /Shj. Airport	Sharjah-UAE	600,000 GPD
59	SAIF Zoon /Shj. Airport	Sharjah-UAE	300,000 GPD
60	Tiger Engineering	Sharjah-UAE	30,000 GPD X 2NO.
61	Mater Taryam	Sharjah-UAE	20,000 GPD
62	Jamal Teryam	Sharjah-UAE	10,000 GPD



No	Client Name	Location	Capacity
63	Teryam Emran	Sharjah-UAE	10,000 GPD X 2No.
64	SAIF Zoon /Shj. Airport	Sharjah-UAE	400,000 GPD
65	Abdallahman AlJarwan	Sharjah-UAE	20,000 GPD
66	SAIF Zoon /Shj. Airport	Sharjah-UAE	400,000 GPD Re-injection
67	Mohamed Alroomi	Sharjah-UAE	20,000 GPD X 2 No.
68	Sheikh Esam Al Qassimi	Sharjah-UAE	5,000 GPD X 2 No.
69	Sheikhah Budoor Al Qassimi	Sharjah-UAE	40,000 GPD
70	SAIF Zoon /Shj. Airport	Sharjah-UAE	450,000 GPD Re-injection
71	Taryam Emran	Sharjah-UAE	20,000 GPD
72	Taryam Emran	Sharjah-UAE	5,000 GPD
73	Taryam Emran	Sharjah-UAE	20,000 GPD
74	Mr. Ahmed	Sharjah-UAE	20,000 GPD
75	SAIF Zoon /Shj. Airport	Sharjah-UAE	100,000 GPD
76	Onyx Engineering	Sharjah-UAE	30,000 GPD
77	SAIF Zoon /Shj. Airport	Sharjah-UAE	300,000 GPD Re-injection
78	Mr Faisal Bin Haider	Sharjah-UAE	10,000 GPD
79	Mr Ali Bin Haider	Sharjah-UAE	10,000 GPD
80	Jamal Teryam	Sharjah-UAE	10,000 GPD