ORION

Orion is one of the fastest emerging Engineering Company in the field of Water and Waste Water treatment, Hydropnuematic system and plumbing contract. The company is into this industry for past twelve years specializing to manage the complete water management and offers comprehensive solutions in water treatment and management. The complete cycle of water management starts from pretreatment ,process to separate water and waste from the waste water, post treatment , water recycle and recovered byproduct for reuse again for process. The complete water management is instrumental in clients' satisfaction to meet the environmental concern, also by ensuring Zero discharge on water management. The company doesn't stops on treatment alone also ensures the supply of treated water to the desired point of use for the various process and demand as per the requirement for the utility. By doing this our responsibility involves and extends in offering the pumps and Hydropnuematic or pressure boosting system products to pump the water. Moreover beyond treatment and distribution we ensure the total routing, laying, fixing installation of pipeline, with necessary fittings and fixtures

By offering this comprehensive package from a single point we ensure that the water is purely treated, pumped and distributed with proper care. Also our saying of complete water management is to preserve, purify, treat, secure and conserve the water for future and reduce the capital and operating cost for organizations, institutions and community.

We are the single point solution provider for the following specialized area in water:

- Water and Waste Water Treatment.
- Pressure Boosting or Hydro pneumatic system and pumps.
- Plumbing installations and contracts.
- Servicing , Operation and Maintenance

Our organization takes proper care for maintain the plants and system by undertaking the maintenance contracts on both comprehensively and Non comprehensively. We also have a qualified set of teams to operate and maintain the plant by 24 X 7 to meet the extensive satisfaction on our products and services offered.

We have various products for various application and process for the industries like Breweries & Distilleries, Electronics, Garments, Automobiles, Oil and refineries, Cement, Power plant, Paper, Sugar, Rubber & Tyres, Space research, Education institutions and Research and development,Chemicals,Pharma, Food & Beverage etc..,

ORION

Products offered in Water and Waste Water Treatment:

Pretreatment:

- Chemical Dosing System or Pump.
- Multigrade or Multimedia Filters
- Activated Carbon Filter
- Iron Removal filter
- Softener
- Arsenic removal filter
- Lead removal filter
- Manganese removal filter
- Oil and Grease Removal system
- Aeration Tank design.
- Settling tank design.
- Coagulation system and tank design.
- Flocculation system or tank design.
- UV treatment
- Ozonization
- Fluoride removal filter.
- Nitrate removal filter.
- Chemicals

Secondary Treatment:

- Clarifier
- Lamella Clarifier
- Tube settlers
- Aeration with Blowers
- Filters
- UV Treatment
- Ozonation
- Chemical dosing pumps.
- Clarifloculator
- Micron filtration
- Membrane filtration
- Degassers
- Chemical ,polymers and resins

Process or Application Treatment:

- Deionization – Up flow, Down flow, counter flow and split flow. Two Bed, Three Bed, Four Bed.
- Ultra filtration
- Reverse Osmosis
- Nano Filtration
- Brackish Water RO
- Micron Filtration
- Dealkaliser.
- Electro Deionization.

Tertiary Treatment:

- Filtration plant
- UV Sterilization
- Ozonization
- Membrane Filtration
- Chemical Treatment

Membrane Filtration:

- Reverse Osmosis Plant (RO Plant)
- Ultra filtration Plant (UF plant)
- Nano filtration
- Micron filtration

Sewage Treatment Plant:

- Custom built Sewage Treatment Plant
- Pre fabricated STP
- FBBR/SBBR based STP
- RBC STP
- MBR STP
- Activated Sludge process STP
- Sullage Treatment Plant
- Oil Skimmers ,Bar screen
- Diffused Aeration STP

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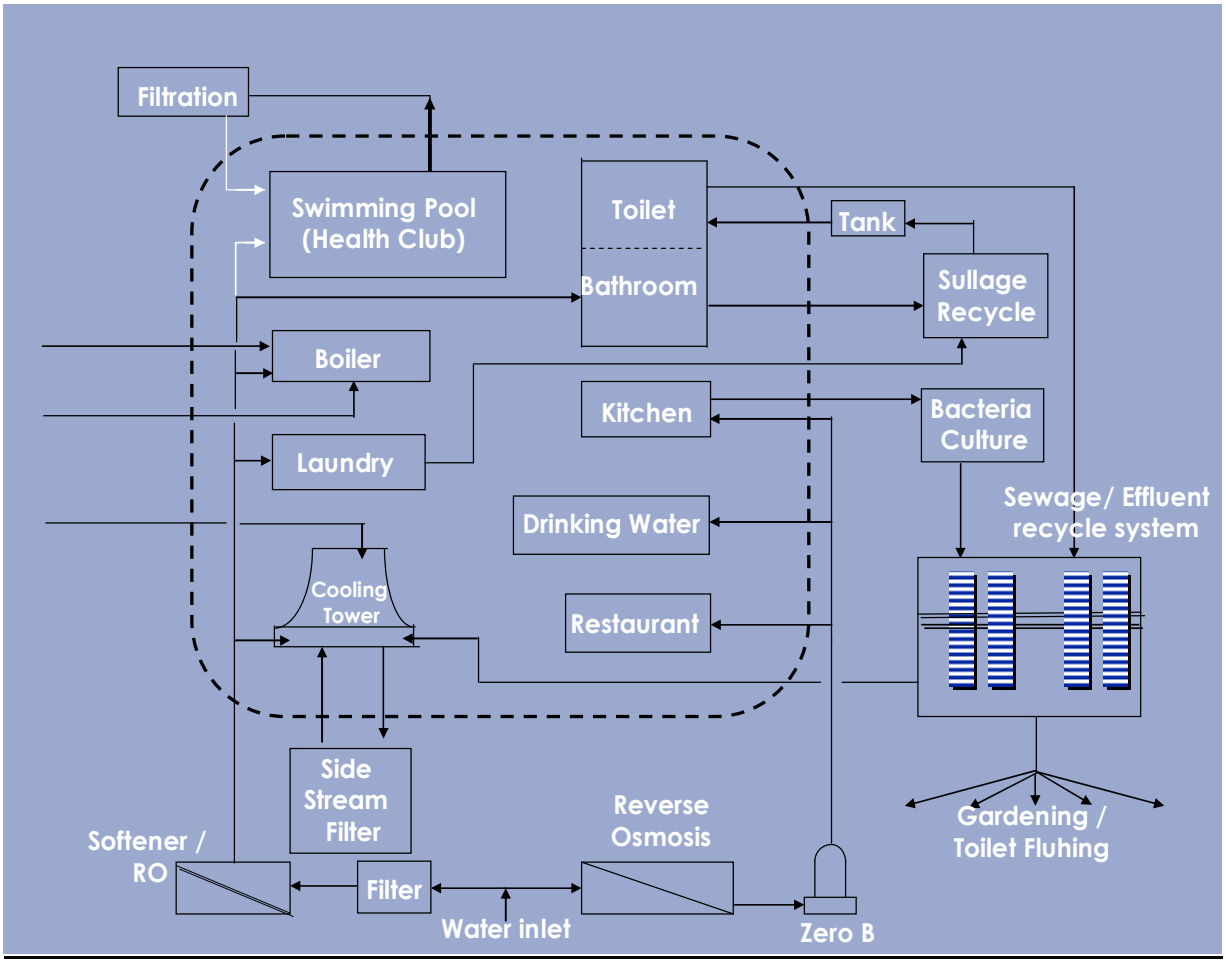
Effluent Treatment Plant:

- Aeration Tank
- Clarifier
- Settling Tank
- Ultra Filtration
- Nano Filtration
- Sand Filter
- Carbon Filter
- Reverse Osmosis
- Membrane Bio Reactor
- Sludge Thickener
- Sludge Digester
- Conventional Sludge drying bed
- Manual automatic Filter press
- Centrifuges
- Sludge stabilization by composting
- Conventional Solar evaporations system
- Accelerated spray type evaporation system
- Mechanical Evaporation system
- Root Transpiration Beds
- Vermicomposting
- Zero Discharge

Domestic Range Product:

- UV Purifier
- RO system
- UF system
- Softener
- Iron removal filter
- Single Pressure boosting Pump
- Pit /Drain Pump

Schematic of the Treatment



MS Filtration Plants

Iron Removal Filters

Reverse Osmosis Plants

ORION

Our RO Plants

15/25 LPH RO

60/100/150 LPH RO

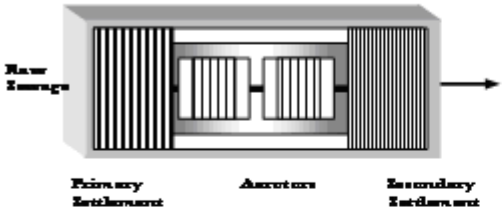
Higher Cap. RO Plant

Sea Water RO Plant

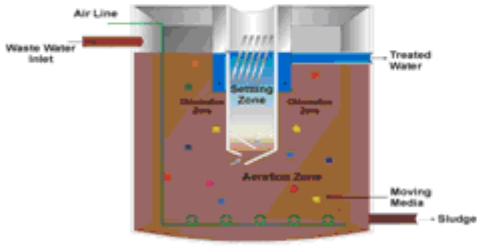
ORION

Waste Water Treatment

STP



FMR



Packaged STP

Membrane Bio Reactor

ORION

Pressure Boosting System:

- Hydro pneumatic Systems
  - Fixed Speed System
  - Variable Speed System
  - Single Pump System
  - Multi Pump System

- Multistage Centrifugal Pumps

  - Horizontal & Vertical
  - Single Stage end Suction Pump
  - Grinder Pump
  - Sewage Transfer Pump
  - Pit Pumps
  - Cutter Version Pumps
  - Vane pumps

Plumbing Contracts:

Design Build,

Let's build a relationship from the ground up. We can read your blueprints and offer advice and recommendations tailor made for your project. In fact, our focus on value engineering will often help us find ways to save money in labor and materials.

Using design –build method, the owner generally saves money on the overall project By avoiding a construction loan, the owner also avoids the typical higher interest rates as compared to permanent financing. Most times, an earlier online date can also make the project more profitable. In fact, the design-build method can turn a project that seems unfeasible at first glance into a financially viable opportunity.

And, compressing the project timeline is only the beginning. Other benefits include:

Increased accountability by the subcontractor.
Single source project delivery.

A value based project feedback system

HYDRO PNEUMATIC SYSTEMS

SUBMERSIBLE & SEWAGE PUMPS

ORION

Project Management

We take project management seriously. We understand that any successful project starts with a good project manager. Our project managers inspire good communication from start to finish – and know how to deliver quality work on schedule. We'll keep the ball rolling so that your project moves ahead correctly – and without any unpleasant surprises. It's all part of the service commitment on which we've built our reputation.

Excavation Services

We do all of our excavating, boring and plumbing with our own equipment and personnel. And in most cases, we can make sure that we do not disturb established yards or landscaping. By coordinating with local water client and contractors, we make the project seamless for you.

Whether it is a new water filtration system you want installed or if you need plumbing for a custom home being built, you can have confidence in calling upon Statco. Our professionals can handle it all.

NEW EQUIPMENT AND INSTALLATION INCLUDES:

- Custom home plumbing
- Soft water systems
- Drinking water systems
- Kitchen/bath remodels
- Outbuilding plumbing

EXPERIENCE & QUALIFICATIONS

- Business started in 1992
- Plumbing Division Incorporated in 2007
- Number of current employees: 50 field personnel and 10 office staff
- Full time Safety Administrator
- We are executing over 2 apartment units
- We are executing over 10 residential houses
- We are executing 1 Hotel Project

ORION

Service offered

- Plumbing installation and repair
- Drain line
- Remodeling, renovations and inspections
- Thermostat installation
- Additions and rerouting
- Preventive maintenance
- Maintenance agreements
- Water purification and filtration
- Water quality testing
- Backflow testing and certification
- Free estimates for new equipment and additions
- 24-HOUR, 7-DAY

Commercial

- **Project Management**
- **Energy Retrofit**
- **Design Build/Energy Studies**
- **Chillers/Boilers**
- **Site Utilities**
- **Domestic Water/Backflow Certification**
- **Medical Gas Certified**
- **Natural Gas**
- **Steam/Condensate**
- **Control Systems**
- **Prefabrication for Duct and Piping Systems**

Residential

- Fixtures
- **Above and below ground piping**
- **Certified backflow prevention device installation and certification**

ORION

SINKS, FAUCETS & WASHERS

Complete kitchen remodeling services. Installation and repair of all brands of fixtures and faucets. Leaky and/or dripping water piping repair and service. Garbage disposal repair and replacement. Installation of filtered drinking faucets, hot water dispensers, R.O. systems and whole house filtration. Dishwasher installation. Washing machine and dryer relocation and connection

PIPEWORK

Water and drain piping upgrades. Water leak detection and repair. Outside hose faucet repair or replacement. Clogged and broken pipe repairs. Winterizing home plumbing to avoid freezing pipes. Thawing water piping, drain pipes and storm drains. Sump pump repair, replacement or installation.

TOILETS, SHOWERS &TUBS

Complete bathroom remodeling services.

WATER HEATERS & SOFTENERS

Water heater and water softener repair and replacement. Thankless water heater installation, maintenance and repair.

SEWERS & DRAINS

Sewer inspection and line locating. High pressured water jetting services for sewer, roof drains and storm drains. Municipal water jetting. Emergency water and sewer line repairs. Complete sewer/drain cleaning services: we unplug sewer lines, toilets, tubs, laundry tubs, sinks, shower drains, floor drains and roof drains

ORION

Service Product:

Service
Value Added Service
Operation and Maintenance
Operation Maintenance Contract
Annual Maintenance Contract
Up gradation and Revamping
Water Auditor
Automation
Instrumentation, Calibrations & Services
Pump & Motor Services
STP O&M, Revamping
Installation Erection & Commissioning of,
Water Treatment Plant
Effluent Treatment Plant
Sewage Treatment Plant
Hydro pneumatic System

Spares:

Motor Rewinding
Impeller
Shaft
Seal
Casing
Studs
Spacer
Coupling
Nosles
Flanges
Instrumentation

Membrane
Micro Filter
FRP Vessels
Multiport Valves
Strainer
Media & Resins
Cascades, Flanges Supports
Valves Ejectors
Dosing Pumps
Instrumentation & Controls
Flow Meter & Roto Meter
PH Meter & Conductivity Meter
Chemicals – Anitscalent,
NaOHcl, Caustic,Hcl etc.,

ORION

LIST OF CUSTOMERS

WATER TREATMENT & RO PLANT - RESIDENTIAL SEGMENT

Sl	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	Devinarayana Housing & Developers	-	2000 LPH	2007
2	Firm Foundations	2000 LPH	-	2007
3	Pravina Builders	2000 LPH x 2	5 LPH x 10	2007
4	Kgeyes Builders, Greenways Road	2000 LPH	200 LPH	2008
5	Kgeyes Builders, Besant Nagar	2000 LPH	200 LPH	2008
6	Prabha Housing, Perumbur	2000 LPH	200 LPH	2008
7	Landmark Constructions	-	1000 LPH	2007
8	Vishranthi Builders	3000 LPH	-	2008
9	Green Valley Shelters	-	25 LPH x 4	2008
10	Bhagyam Construction	4000 LPH	-	2008
11	Golden Homes, R K Salai	-	600 LPH	2007
12	MGNV Constructions	-	1000 LPH	2008
13	Golden Homes	-	200 LPH x 2	2008
14	Indra Flat Promoters	10000 LPH	200 LPH	2008
15	Vasavi Builders	6000 LPH	-	2008
16	Club Mahindra	10000 LPH	-	2008
17	Sree Foundations	-	2500 LPH	2006
18	Citilight Properties, Meadows	-	1000 LPH	2007
19	Akshaya Homes, Adair	15000 LPH		2008
20	CCCL-Yuga Homes		5000 LPH	2008
21	Landmark Construction, Ashok Nagar	4000 LPH		2007
22	Ramesh Associates	6000 LPH		2008
23	E.S.Ramasamy & Co, CBE	6000 LPH		2009
24	Ahuja Palms, CBE		1000 LPH	2007
25	Krish Sreedharan, CBE	6000 LPH		2007
26	Legacy Casero- Global Constructions	3000 LPH		2009
27	Nagarjuna Constructions-Maple heights	8500 LPH		2009
28	Nitesh Long Island	8500 LPH		2009

29	Devinarayan Groups	3500 LPH	400 LPH	2008
30	Nagarjuna Constructions-Premier	15000LPH		2009
31	Nagarjuna Constructions-meadows	20000LPH		2010
32	Golden Homes-Golden Terrace	15000LPH	1000LPH	2009
33	Hall Mark Construction	15000LPH		2010
34	Definer Group	8500LPH		2010
35	Preethi Developers	10000LPH		2009

WATER TREATMENT & RO PLANT - CORPORATE SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	Madras Gymkhana Club	-	200 LPH	2007
2	Spic Chennai	-	150 LPH	2006
3	Indus Cold Storage, Vellore	3000 LPH	-	2007
4	Nadi Airtechnics	-	250 LPH	2007
5	Wipro, Pondicherry	-	60 & 25 LPH	2007
6	Ever Bright Exports, Vellore	2000 LPH	200 LPH	2008
7	Sterling Infotech Ltd	3000 LPH	1000 LPH	2008
8	Indian Express	-	200 LPH	2007
9	Johnson Lifts, Corp Office	-	200 LPH	2007
10	Johnson Lifts, Ambattur Works		400 LPH	2007
11	Sriram Properties	2000 LPH	-	2008
12	Aspire System	3000 LPH		2008
13	Wipro, Siruseri		60 LPH x 1	2007
			150 LPH x 1	2007
			250 LPH x 6	2008
			1000 LPH x 1	2008
14	ITC R& D Centre Peenya	6000 LPH		2009
15	ETA Techno Park	15000LPH		2010

WATER TREATMENT & RO PLANT - HOSPITALITY SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	Hotel Ranjith	6000 LPH	-	2007
2	Hotel Anuradha	3000 LPH	-	2007
3	Hotel Chola Sheraton	-	25 LPH x 4	2008
4	C U Shah Bhavan	-	500 LPH	2008
5	Hotel Southern Crust	-	60 LPH	2008

6	Hotel Mass	6000 LPH		2008
7	Hotel Sabari,Chennai	12000 LPH		2008
8	KG Hospital,Coimbatore	6000LPH		2008
9	Ganga Hospital,Coimbatore	10000LPH	2000LPH	2007
10	Hotel Sabari,Coimbatore	12000LPH		2010

WATER TREATMENT & RO PLANT – GOVERNMENT SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	Airport Authority of India, Trichy	-	100 LPH	2006
2	BSNL	10000 LPH	-	2006
3	Indian Airlines Bangalore	-	500 LPH	2006
4	Bharat Electronics	-	600 LPH	2006
5	Southern Railway	-	5 LPH x 3	2007
			25 LPH x 2	2007
6	Railway Hospital, Perumbur	-	60 LPH	2007

WATER TREATMENT & RO PLANT - EDUCATION SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	Anna University	-	25 LPH x2	2006
			200 LPH x 2	2007
2	BSNL	-	400 LPH	2007
3	Tagore College of Engineering	2000 LPH	200 LPH	2007
4	Jerusalem College of Engineering	2000 LPH	200 LPH	2007
5	Leo Matriculation School	-	100 LPH	2007
6	Priyadharshini Dental College	-	200 LPH	2008
			25 LPH x 10	2008
7	Nehru Institute of Technology,Coimbatore		2000LPH	2008
8	Nehru Institute of Management,Coimbatore		1000LPH	2009
9	Nehru Institute of Aero Space,Coimbatore		1000LPH	2009
10	Yuga Bharathi Public school		1000LPH	2008

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WATER TREATMENT & RO PLANT – HOSPITAL SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY		Year Of Completion
		WTP	RO	
1	CMC Hospital, Vellore	15000 LPH	-	2007
2	Southern Railway	-	100 LPH	2007
3	Kasturba Hospital	-	60 LPH	2008
4	KG Hospital,Coimbatore	6000LPH		2008
5	Ganga Hospital,Coimbatore	10000LPH	2000LPH	2007

WASTE WATER TREATMENT – RESIDENTIAL SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY	Year Of Completion
1	Landmark Constructions	15 m3 / day	2005
2	Sree Foundations	45 m3 / day	2005
3	Citilight Properties	200 m3 /day	2006
4	Akshaya Homes, Adair	150 m3/day	2007
5	Akshaya Homes G2	12 m3 / day	2008
6	Patteshwara Constructions	50 m3/day	2007
7	Sri Ranga Properties	100 m3/day	2007
8	CCCL – Yuga Homes	60 m3/day	2008
9	Soul Space Paradigm	50 m3/day	2009
10	Soul Space Arena	75 m3/day	2010
11	Global Construcitons	25 m3/day	2009
12	Confident Groups	25 m3/day	2008
13	Confident Groups	50 m3/day	2008
14	Nagarjuna Constructions	90 m3/day	2009
15	Cronos Groups	20 m3/day	2010
16	Pawan Construction	60m3/day	2010
17	Hallmark Construction	300m3/day	2010
18	Golden Homes	50m3/day	2009
19	Kerry Estate	400m3/day	2010
20	Sierra Construction	60m3/day	2009

WASTE WATER TREATMENT – CORPORATE SEGMENT

S.NO	LIST OF CUSTOMERS	CAPACITY	Year Of Completion
1	CPWD	100 m3 / day	2007
2	Hotel Sabari Classic	100 m3/day	2008
3	L & T Demag	40 m3/day	2008
4	Crisp IT Park	40 m3/day	2008
5	Ashirwad	50 m3/day	2008
6	SP Apparels	100 m3/day	2007
7	Greaves Cotton	30 m3/day	2008
8	Goa International Airport	180 m3/day	2008
9	Bangalore International Airport	25 m3/day	2009
10	Gauthamjanavi Construction	25m3/day	2009
Bangalore Metropolitan Transport corporation(BMTC)			
10	BMTC Kengari	100m3/day	2009
11	BMTC Yeshwanthpur	150m3/day	2010
12	BMTC Vijyanagara	150m3/day	2010

HYDRO PNEUMATIC SYSTEM - CORPORATE SEGMENT

Sl	List of Customers	Flow Rate per pump	Pumps	Capacity	Year Of Completion
1	Shriram, Perangalathur	8 m3/hr	2+1	24 m3/hr	2008
2	Shriram, Perangalathur	5 m3/hr	2+1	15 m3/hr	2008
3	Timken, Mahindra City	8 m3/hr	2+1	24 m3/hr	2008
4	Timken, Mahindra City	5 m3/hr	2+1	15 m3/hr	2008
5	Agro Hytros, Coimbatore	5 m3/hr	2+1	15 m3/hr	2008
6	GTN Textiles, Tirupur	10 m3/hr	2+1	30 m3/hr	2008
		8 m3/hr	2+1	24 m3/hr	2008
		5 m3/hr	2+1	15 m3/hr	2008
7	Shriram, Perangalathur	5 m3/hr	2+1	15 m3/hr	2008
8	Techpro IT Park	27 m3/hr	2+1	81 m3/hr	2009
9	Techpro IT Park	27 m3/hr	2+1	81 m3/hr	2009
10	Shriram, Perangalathur	10 m3/hr	1+1	20 m3/hr	2009
		25 m3/hr	1+1	50 m3/hr	2009
		5 m3/hr	1+1	10 m3/hr	2009
11	Shriram, Perangalathur	15 m3/hr	1+1	30 m3/hr	2009
		15 m3/hr	2+1	45 m3/hr	2009

		5 m3/hr	1+1	10 m3/hr	2009
12	IJM Infrastructure, Guntur	10m3/hr	1+1	20m3/hr	2009
13	Techscape Towers	7.5m3/hr	1+1	15m3/hr	2009
		9.0m3/hr	1+1	18m3/hr	2009
14	ITC R&D Centre	10m3/hr	2+1	30m3/hr	2009

HYDRO PNEUMATIC SYSTEM - RESIDENTIAL SEGMENT

Sl	List of Customers	Flow Rate per pump	Pumps	Capacity	Year Of Completion
1	Citilight Properties, Nalambur	18 m3/hr	3+1	72 m3/hr	2007
2	Vasavi Builders, Nanganallur	5.8 m3/hr	2+1	17.4 m3/hr	2007
3	Vasavi Builders, Nanganallur	3.8 m3/hr	1+1	7.6 m3/hr	2006
4	VGN, Amijikarai	2.5 m3/hr	1+1	5 m3/hr	2007
5	Saral Resorts, Courtralam	3 m3/hr	1+1	6 m3/hr	2007
6	Senthil Andavar, Coimbatore	3 m3/hr	1+1	6 m3/hr	2008
7	Vijay Raja & Co, Coimbatore	5 m3/hr	1+1	10 m3/hr	2008
8	John, Coimbatore	3 m3/hr	1+1	6 m3/hr	2008
9	True Value Homes, Rozalia	50 m3/hr	2+1	150 m3/hr	2008
10	True Value Homes, Rozalia	1.8 m3/hr	1+1	3.6 m3/hr	2008
11	Venketeswara Builders, Velachery	10 m3/hr	2+1	30 m3/hr	2009
12	S & S Foundations	3 m3/hr	1+1	6 m3/hr	2009
13	Indus Cityscape	1.5 m3/hr	1+1	3 m3/hr	2009
14	Rattha Somerset	12.6 m3/hr	2+1	38 m3/hr	2009
		16.2 m3/hr	2+1	50 m3/hr	2009
15	Presidium Constructions	5m3/hr	2+1	10 m3/hr	2009
16	Nitesh Estates	12m3/hr	2+1	36m3/hr	2009

ONGOING PROJECTS

S.No	Client Name	STP	WTP
1	Hiranandhani Upscales	400m3/day	-
2	IndiaBulls-Chennai Greens		5m3/hr RO
3	ETA Rosedale		15m3/hr
4	Indiradanush,Bangalore	50m3/day	
5	VGN Ferndale	100m3/day	15m3/hr&4m3/hr RO
6	BMTC Bannargatta,Bangalore	150m3/day	

TO CONTACT US:

Registered Office cum works

Orion Water Treatment Pvt LTD.
51/3 South Reddy Street,
Athipet, Amabttur
Chennai-600058
Phone: 044-26242571/936333362
Fax: 044-26242804

Branches:

Orion Water Treatment Pvt LTD.
No 3 Bharathi Park First Cross,
Saibaba Colony
Coimbatore
Telefax: 0422-4383223
Phone: 09364333362

Orion Water Treatment Pvt LTD.
No: 282/A, 38th cross 14th Main,
4th Block, Jaya Naga,
Banglaore-560011
Telefax: 080-42068166
Phone: 9341822420

Orion Water Treatment Pvt LTD.
Flat – No – 101, H.NO- 8.2.612/54/2
Gaffer Khan Colony,
Road No 10,
Banjara Hills,
Hyderabad- 500034
Telefax : 040-40159821

For Enquiry: enquiry@orionwater.com
Website: www.orionwater.com