



www.greendotbd.com

ONCE YOU CARRY
YOUR OWN WATER,
YOU WILL LEARN
THE VALUE OF
EVERY DROP



Introduction

Founded in 2008 as Green Dot Corporation & Later on it has been turned into Green Dot Limited in 2011 by registering with the Joint Stock Companies of Bangladesh. Green Dot Limited is an extra-oriented leading integrated Consulting and Engineering Company, that mainly specializes in the water sector.

Water is a fundamental part of our lives. It could be use for drinking, bathing, or using in any kind of industry. We can't think of a single moment of our lives without water. From the very beginning, Green Dot Ltd. has grown to become a world leader in the design, drawing, supervision and supply of water / wastewater treatment and water desalination systems. Over a thousand installations to Green Dot Ltd.'s credit hav earned it a reputation for professional excellence through a proven record of strong and reliable performance.

We are committed to providing a first class service to complement our quality products & to offering clients strong local support along with the latest technologies in the field of water & wastewater treatment. Green Dot Limited's expertise in this field spreads over our country, where millions of people benefit daily from the services that our company provides. We comprise highly motivated executives, managers, engineers and support staffs, whose industry experience run collectively and successfully. The extensive in-the-field experiences of Green Dot Ltd. Staffs are continuously enhanced by company training and development programs which assure the constant expansion and updating of knowledge.



Our Concern



A leading trading company in Bangladesh, deals with water purifiers & accessories for environmental engineering equipments. work as a contractor for the installation, supply, & erection-commissioning of water treatment & pump, motors, blowers, ETP, STP, Swimming pools & other electro mechanical products & environmental projects.



Work as a contractor on Construction, Installation, Erection-commissioning of Desalination and Environmental Projects.



ABM Engineering Limited is related to all types of production of water treatment items like housing, pp, filter, housing opener, clamp, water tank, pneumatic tube, HDPE pipe, ect.



ABM Infrastructure Limited is related to the real-estate business.



Water Birds Limited is related to all types of production of water treatment items and works as a contractor for construction, installation, erection-commissioning of Desalination and Environmental Projects.



Aqua Dynamics Limited supplies Pipe, Fittings, Valve & other accessories for Industrial projects.



N S BD Corporation is related to Tender related activities.

Our Solutions & Services Area



RESIDENTIAL AND COMMERCIAL



MUNICIPAL & DESALINATION



INDUSTRY



TEXTILE



WASTE & REUSE



POWER



PORTS & MARINE



PHARMACEUTICALS



FOOD & BEVERAGE



DEFENCE



HOTEL & RESORT



MOBILE WATER TREATMENT



SWIMMING POOL



WATER & WASTE WATER
TREATMENT COMPONENTS



WATER TREATMENT
CHEMICALS



LABORATORY
SERVICE



MANUFACTURING



OPERATION, MAINTENANCE
& TRAINING



CONSULTANCY

Our Major Overseas Associations

S/N	Logo	Name of Suppliers	Country	Relation with Green Dot Ltd.
01		Genesys International Limited	UK	Sole Agent
02		Clack Corporation	USA	Agent
03		Biostat Engineering	Australia	Sole Agent
04		AquaLux Water Purifier Equipments Inc.	China	Sole Agent
05		Sanaky Water Purifier	Vietnam	Sole Agent
06		DAB Water Technology	Italy	Sole Agent
07		Loon Tech Ltd.	Taiwan	Sole Agent
08		Eco Fresh Co., Ltd.	China	Sole Agent
09		Irox N70	China	Sole Agent
10		Oltremare Liqued Separation	Italy	Sole Agent
11		Easy Purification System	China	Sole Agent
12		Membranum	Russia	Sole Agent
13		Seko Spa	Italy	Sole Agent
14		Gfiber Vessel Inc.	USA	Sole Agent
15		G-ion Resin Technology Inc.	USA	Sole Agent
16		Lan Shan Enterprise	Taiwan	Sole Agent
17		Pentaas Water Purifier Inc.	Vietnam	Sole Agent
18		Heron Water Purification Equipment	China	Sole Agent
19		Top Klean Enterprise	China	Sole Agent
20		Aqua Pro Purification System	China	Sole Agent

Our Commercial Water Purifier



**5
Stage**

Hollow Tech U5

Specialty: No Electricity Needed
Technology: UF



**5
Stage**

Aqua Pro P5

Capacity: 1 GPM
Technology: MF+AC



**4
Stage**

Heron G-UV-401-20

Capacity: 2-3 GPM
Technology: MF+AC+UV



**5
Stage**

Light Commercial RO

Brand: **HERON** **SANAKY** 
Capacity: 200/400 GPD
Technology: RO



**5
Stage**

Cabinet Commercial RO

Brand: **HERON** **SANAKY** 
Capacity: 400/600/800 GPD
Technology: RO



**5
Stage**

**HOT, COLD & WARM
WATER PURIFIER**

Lan Shan-171

Storage: Hot 5L, Cold 3L, Warm 10L
Capacity: 100GPD
Technology: RO



**6
Stage**

Sanaky Lotus

Capacity: 100 GPD
Technology: RO



**6
Stage**

Sanaky Basic

Capacity: 100 GPD
Technology: RO



**6
Stage**

**HOT, COLD & WARM
WATER PURIFIER**

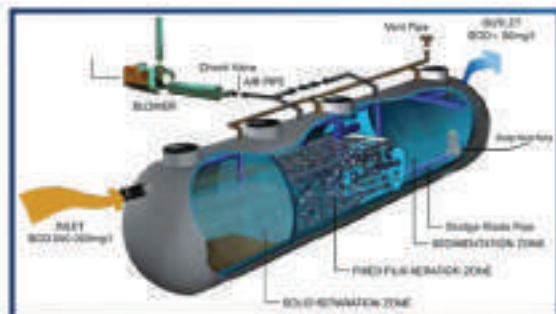
Sanaky EHC

Storage: Hot 2L, Cold 2L, Warm 10L
Capacity: 100 GPD
Technology: RO

SEWAGE TREATMENT PLANT (STP) In Details

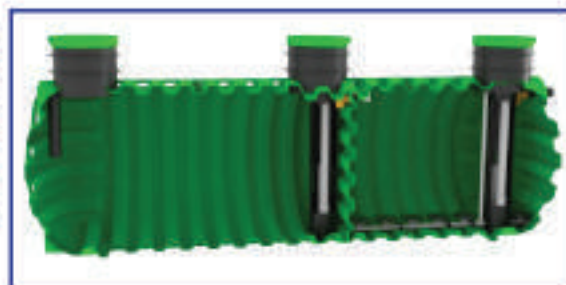
Why STP?

Sewage treatment plants play an important role for mankind. The main function of these plants is to make the water from the sewage clean that comes from the home, commercial, & industrial sectors. The treatment of sewage water has become the need of the hour as it stops spreading the diseases and illnesses caused by sewage water. It helps society by making the water clear as well as the environment clean.



FOR MUNICIPAL & COMMERCIAL

The GDL ECO™ treatment plant is installed in one tank, which consists of two compartments: a sludge storage tank & an SBR/MBR reactor. It works on the principle of venturi. It is suitable for the treatment of municipal wastewater from settlements, catering and commercial facilities with a constant inflow of large amounts of wastewater.

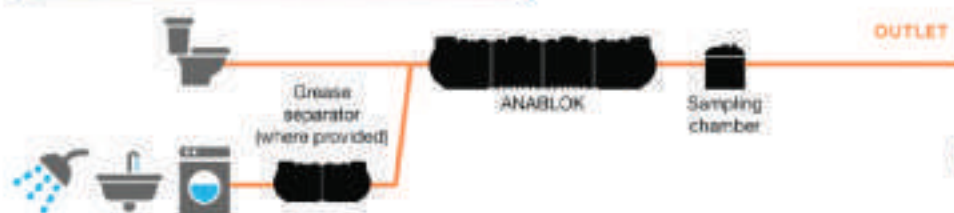


FOR HOUSEHOLD & SMALL OFFICE

The GDL ECO™ waste water treatment plant is intended for cleaning waste water from households. This plant enables easy and fast installation without the need for heavy machinery. The GDL ECO™ WWTP works safely, reliably, almost inaudible and without odor and is insensitive to temperature fluctuations in the environment. The high efficiency of cleaning, easy management, and adaptation of the WWTP to the needs of users are ensured by the SBR/MBBR/MBR technology.



TYPICAL PROCESS FLOW DIAGRAM



CLEANING EFFICIENCY

COD 88%	BOD5 96%	SS 93%
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High cleaning efficiency



Low maintenance costs



UV resistant control box



Easy installation



Integrated sample point



Low power consumption



Monolithic tank

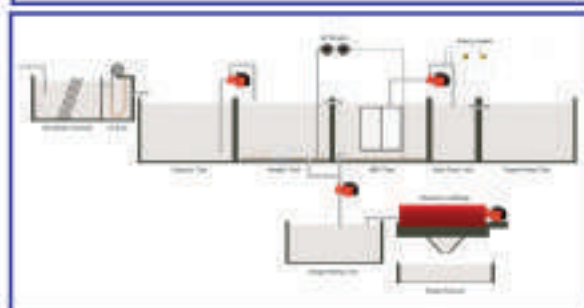


Telescopic adjustable riser

EFFLUENT TREATMENT PLANT (ETP) In Details

Why ETP?

ETP is one type of waste water treatment method which is particularly designed to purify industrial waste water for its reuse & its aim is to release safe water to environment from the harmful effect caused by the effluent. Industrial effluents contain various materials, depending on the industry. Effluents from food & beverage factories contain degradable organic pollutants. Since industrial waste water contains a diversity of impurities & therefore specific treatment technology called ETP is required. The ETP Plant works at various levels and involves various physical, chemical, biological and membrane processes to treat waste water from different industrial sectors like chemicals, drugs, pharmaceutical, refineries, dairy, ready mix plants & textile etc.



MBR Technology Working Process With Flow Diagram

Features & benefits

- ETP is the most cost-effective & eco-friendly method.
- Helps reduce the contamination of natural water bodies and make the environment safe for others.
- Makes your industry self-sustainable.
- Preserve natural environment against pollution.
- Meet the standards for emission of pollutants set by the Government & avoid heavy penalty.
- To reduce expenditure on water acquisition.

Industrial ETP Technologies

- Electrocoagulation (EC) ■
- Dissolved Air Floatation (DAF) ■
- Membrane Bioreactor (MBR) ■
- Moving Bed Biofilm Reactor (MBBR) ■
- Upflow Anaerobic Sludge Blanket (UASB) ■
- Reed Bed System (RBS) ■

Parameters Standards for ETP

Parameter	Units	Limits
pH	—	6-9
Color	Hazen (°N-Co)	150
Temperature	°C	Maximum: 5 °C
Suspended Solids (SS)	mg/L	100
(BOD ₅ at 20 °C)	mg/L	30
COD	mg/L	200
Total Dissolved Solid (TDS)	mg/L	2100

*ND: not detectable

Parameter	Units	Limits
Oil & Grease	mg/L	10
Chromium (Cr)	mg/L	0.5
Sulfide (S)	mg/L	2.0
Phenol Compounds	mg/L	1.0
Lead (Pb)	mg/L	0.1
Cadmium (Cd)	mg/L	0.02
Cobalt (Co)	mg/L	0.5
Nickel (Ni)	mg/L	1.0

Advanced Water Treatment Plants



Advanced Water Treatment Plant

Mobile Water Treatment Plant

Automatic Iron Removal Plant

Automatic Jar Water Project

WFI Water Treatment Plant

RO & UF Water Project

Central Water Treatment Plant

Demineralized Water Plant

Desalination Water Plant

Ultra Pure Water Plant

Water Softener Plant



WTP Filtration Media

Filtration media can be a fine powder, a coarse mineral, a granular substance or a substrate that resides within a filter cartridge or a media tank or in a housing which filters water as it flows through the system. When water flows through filter media at a controlled rate, the media retains the impurities that it is designed to remove. Most solid matter can be captured, while treated water is allowed to pass through.



IROX N70
PREMIUM QUALITY ACTIVATED CARBON



ZEOMANGAN
GUARANTEED QUALITY



Birm



Quantum
Filtration Media



HI-CARB
Activated Carbon Solution



GAIA CARBON



puregreen
ULTIMATE WATER



CARBOMAX



BSR



G-ion



AQUALUX

Green Dot Limited

Provides different special filtration media depending on different water quality which will give you supreme filtration.

RO Membrane Chemicals

RO Antiscalant

Membrane Cleaner

Flocculant

Membrane Biocide

Chlorine Reducer/De-chlorinator

	MODEL	APPLICATION
RO Antiscalant	Genesys BS	BWRO high Barium sulphate
	Genesys CAS	BWRO high Calcium sulphate
	Genesys LF	Broad Spectrum BW & SWRO, metal ion sequestrant, desalination sys.
	Genesys MP	Large municipal BWRO Broad spectrum
	Genesys MG	Elevated pH 2nd pass boron rejection Magnesium hydroxide specific
	Genesys PHO	High Calcium phosphate, WWRO
	Genesys RC	Small BWRO & reject recycle systems
	Genesys SI	BWRO high silica
	Genesys WB	Small mains fed systems, with dechlorinator
	Genesys LS	Brackish/Sea water low metals
Cleaner & Biocide	Genesys SW	Seawater antiscalant and dispersant, phosphorous free
	Genesol 34	Alkaline chelant, surfactant - Organics, biofouling, sulphate & silica
	Genesol 36	Anionic surfactant - Organics & biofouling
	Genesol 37	Strong Acid for inorganic scales
	Genesol 38	Mild acid dispersant - Metal & inorganic scales
	Genesol 40	Alkaline detergent, surfactant - Biofouling, organics and clay removal
	Genesol 50	Alkaline chelant - Inorganic and organic deposits
	Genesol 61	Neutral pH cleaner - Inorganic and organic deposits
	Genesol 701	Acidic powder, detergent, chelant, surfactant, effervescent - Metal & inorganic scales
	Genesol 703	Alkaline Powder, detergent, chelant, surfactant, - Clay & biofouling, organics
Chlorine Reducer	Genesol 704	Alkaline powder, detergent, chelant, surfactant, effervescent - Clay & biofouling
	Genesol 30	Suitable for use in RO and Nano-Filtration membranes & Effective against most micro-organisms
Flocculant	Genesys RED	Suitable for RO & Nano-Filtration membranes & Compatible with all types of polyamide membranes & also removes chlorine from feed water
	Genefloc ABF	Bio-fouled water source, algae / bio-stat
	Genefloc GPF	Membrane compatible flocculant
	Genefloc PWF	Drinking water approved



Pumps & Pumping System



BEST IN QUALITY ...



WTP Accessories



FRP VESSEL



MICRON FILTER HOUSING



MICRON FILTER CARTRIDGE



BAG FILTER



RO MEMBRANE



RO MEMBRANE HOUSING



EDI SYSTEM



UF MEMBRANE

WTP Accessories



METERING CHEMICAL DOSING PUMP



DOSING PUMP



UV SYSTEM



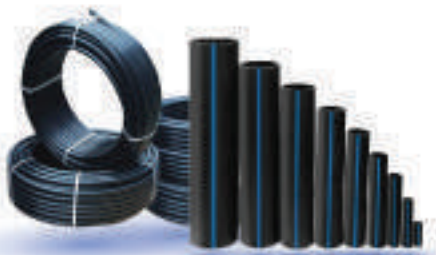
JAR FILLING & CLEANING MACHINE



FLOW METER



PNEUMATIC PIPE



HDPE PIPE



WATER TANK

ETP Accessories



MBBR MEDIA



MBR MODULE



TUBE SETTLER



ONLINE DO CONDUCTIVITY PH METER



RING BLOWER



ROOTS BLOWER



AIR DIFFUSER



OZONE GENERATOR

World Class Heavy Equipments



HYDRAULIC DRILLING RIG



WHEEL LOADER



EXCAVATOR



BACKHOE LOADER



SOIL COMPACTOR



PORTABLE DIESEL GENERATOR



HDD MACHINE



CONCRETE PUMP

World Class Heavy Equipments



DUMP TRUCK



POTABLE WATER TRUCK



TRACTOR



CARGO TRUCK



MOBILE WATER TREATMENT PLANT



WASTE MANAGEMENT VEHICLE

Our Own Warehouse & Manufacturing Facilities

Warehouse



Mechanical Shop



Electrical Shop



Manufacturing Unit



Some Of Our Projects



Maitree Super Thermal Power Project, Rampal
Construction Water Treatment Plant: 20 m³/h
Portable Water Treatment Plant: 06 m³/h

Desalination WTP & Gray Water Treatment Plant
Client: Royal Tulip Sea Pearl Beach Resort, Cox's Bazar
Capacity: DWTP 20 m³/h, Lake WTP 20 m³/h, GWTP 10 m³/h & WTP 11 m³/h



Water Treatment Plant & Pressure Boosting System
Client: Grand Sylhet Hotel & Resort (Mövenpick) Sylhet
Capacity: 36 m³/h & 35 m³/h

SEWAGE TREATMENT PLANT
Client: LE MERIDIEN A FRENCH CHAIN HOTEL
Capacity: 12,000 LPD



Reverse Osmosis Jar Water Treatment Plant
Client: Bikrampur Drinking Water, Muktarpur, Murshiganj
Capacity: 02 m³/hr

Lake Water Treatment Plant
Client: Golden spot Limited, Shikunda, Chittagong
Capacity: 02 m³/hr RO & 05 m³/hr Pre-treatment system



Some Of Our Projects



Ghorashal Power Station
Client: Power Development Board



Sirajgonj Power Plant, Unit-2
Client: North West Power Generation Company Ltd.



RO Water Treatment Plant
Client: Advisor Of Military Forces, Dhaka Cantonment
Capacity: 250 UPH



RO Plant in Ropur Nuclear Plant
Client: Ropur Nuclear Power Plant
Capacity: 23m³/hr



Kodda 150 MW Dual Fuel Power Plant, Gazipur
Client: B-R POWERGEN LIMITED (BRPL)



Desalination Water Treatment Plant
Payra Port. 2X250 m³/hr
Client: Payra Port Authority

Some Of Our Projects



RO Water Treatment Plant
Capacity: 12m³/h
Client: British American Tobacco



DM Water treatment plant
Capacity: 5m³/hr
Client: Rangpur Chemical Limited



RO Water Treatment Plant
Client: Sheikh Hasina Cantonment, Patuakhali



RO Water Treatment Plant
Gabtoli, Dhaka
Client: SMCC-ITD JV
Project Scope: RO Plant



Summit Gazipur II Power Ltd. 300MW
HFO Power Plant, Kadda, Gazipur
Client: Summit Power Limited



Automatic Water Treatment Plant
Client: Brandix Apparel Limited
Capacity: 20m³/h
Softner Water Treatment Plant
Capacity: 08m³/h

Some Of Our Projects



Construction of 140 Nos Construction of
Community Based Small Piped Water Supply Scheme
Client: Department of Public Health Engineering

Constructions of Integrated Waste
Management Facility & 3 nos Public Toilet
Client: Department of Public Health Engineering



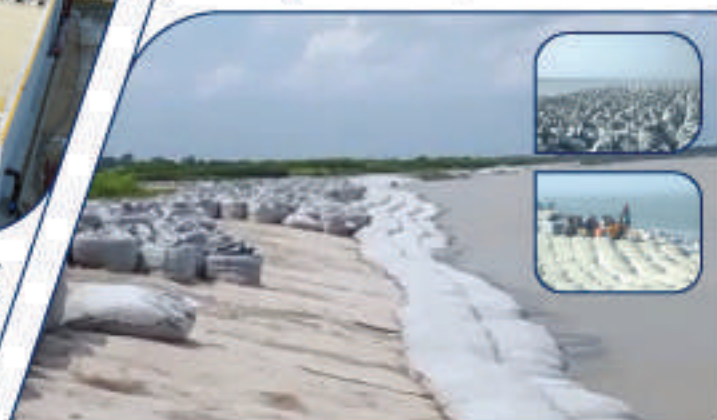
CONSTRUCTION OF PIPED WATER SUPPLY SCHEME
Client: Department of Public Health Engineering

Drilling of Production Boreholes
Client: Oxfam



Construction of Surface Water
Treatment Plant (SWTP)
Client: Department of Public Health Engineering

Emergency temporary protective work
Client: Bangladesh Water Development Board



Our Valuable Clients





Research and Development

Green Dot Ltd. has achieved a distinguished position among the companies who are working with Environmental Engineering for its tremendous R&D works.

R&D is the first and foremost equipment for acquiring the perfect result for new innovation and application. It constitutes the first stage of development of a potential new service or product. However we the Green Dot Ltd. are always ready to take over an entire R&D project for customers with our efficient technical team that is the secret and the distinguished reason for retaining the larger shares of the market in the Environmental Engineering Sector in Bangladesh.

The research works by our specialist team members in new processes and systems as well as collaboration with the most reputed research institutions brought Green Dot Ltd. in a superior position in the field of water treatment technology.

The achievements attained through research with simulators and pilot installations are applied directly to the design of our plants, providing clear optimization of the overall performance and in operating and maintenance cost.

The lines of research in which Green Dot Ltd. is involved with:

- Design and operation simulators
- Process control
- Technology optimization



ISO 9001 : 2015 CERTIFIED



Think Green, Save Green For Greener Tomorrow

CORPORATE OFFICE

House: B/113, Mosque Road,
Mohakhali DOHS, Dhaka-1206
Hotline: 01795 888 111, IP: +8809 638 807055

MARKETING OFFICE

House: B/108 (2nd Floor), Road No: 8,
Mohakhali DOHS, Dhaka-1206
Hotline: 01795 888 111, IP: +8809 638 807055

SALES & SERVICE OFFICE (BANANI)

House: 22, Road No: 02, Block: L, Banani Model Town,
Amrtali, Mohakhali, Dhaka-1213
Cell: +8801795 888 333

SALES OFFICE (MIRPUR)

House: 32/3, Road No: 02, Sec: 6,
Block-KA, Mirpur-10, Dhaka-1216
Cell: +8801637 800 800

SATKHIRA BRANCH:

Khan Community Center, New Judge Court
(East Side), Polashool, Satkhira
Cell: +880 1810 033 534

CHITTAGONG OFFICE

House: 22, Road No: 02
Amirbag Abashik Mohodibag
Chittagong- Bangladesh.

WAREHOUSE

North Kalma, Saver-1341
Dhaka- Bangladesh.

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