

## G-CUBE SOLUTION PROCESS

GreenPro offers a simple and comprehensive wastewater treatment solutions from start to finish. Our engineers works with each client to deliver a quality product with proven results:

- ▶ Site visit and analysis
- ▶ Wastewater effluent parameters and required standards analysis
- ▶ Proposal Submission
- ▶ Package (WTP) production (50-60 days)
- ▶ Delivery and Installation (2-3 days)
- ▶ Sludge acclimitization and start operations (7-10 days)
- ▶ Monthly routine maintenance

## WORRY FREE ROUTINE MAINTENANCE

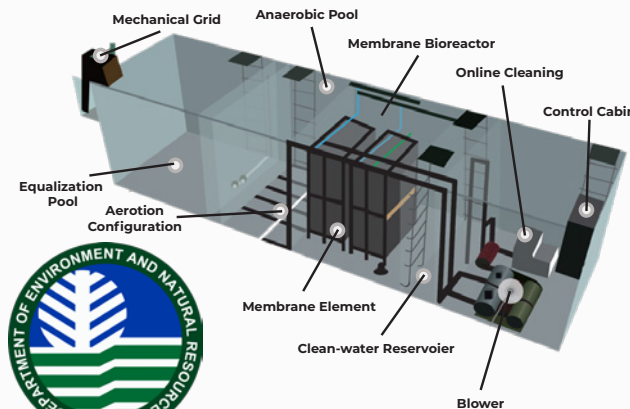
Our G-CUBE wastewater treatment plants are not only easy to install but we also offer a headache free routine maintenance service for a low monthly fee.

### With this service we offer these advantages:

- ▶ High quality wastewater effluent standards
- ▶ Free package installation (excluding any site prep work)
- ▶ Unlimited warranty while under service
- ▶ Includes all equipment repairs or replacements (excluding membrane (MBR) replacements)
- ▶ Bi-monthly technician visit and routine maintenance
- ▶ Free consultation for modifying system
- ▶ Monthly effluent parameters paper report
- ▶ Accumulated solids sludge removal and disposal
- ▶ 24/hour on call service personnel

✓ CONVENIENT ✓ COMPACT  
✓ AFFORDABLE ✓ EFFECTIVE

## WASTEWATER TREATMENT SOLUTIONS



**DENR**  
APPROVED EFFLUENT STANDARDS

## GREENPRO ENTERPRISES

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# GreenPro

## CUBE

## PACKAGE WASTEWATER TREATMENT PLANTS



“Green Is Good”

## G-CUBE SERIES

GreenPro's G-CUBE series is a new and unique solution to wastewater treatment that addresses the common problems of simplicity, cost effectiveness and compactibility. Our G-CUBE offers containerized package wastewater treatment plants (WTP) for easy setup and maintenance- a true plug and play system. This solution is ideal for both residential and industrial facilities and can treat wastewater from 5 to 500 cubic meters per day. Effluent water can be discharged directly to the environment or recycled for irrigation use.

The G-Cube comes in different sizes depending on your WTP capacity needs. As this containerized wastewater treatment plant is located inside a corrosion proof customizable steel container, it can be relocated and installed with ease to most locations. In most cases it is only 7-10 days installation lead time from delivery to fully operational.

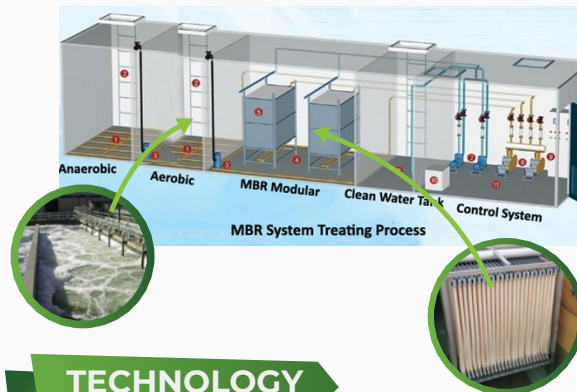


## TYPICAL APPLICATIONS

- ▶ Land Development / condominiums / housing / subdivision residential communities
- ▶ Remote mining, logging, and construction sites
- ▶ Medium to large Restaurants
- ▶ Recreational areas such as parks, hotels, and resorts
- ▶ Manufacturing facilities, power plants,
- ▶ Schools and other educational campuses
- ▶ Government compounds and military bases
- ▶ Hospitals, poultry farms, or other facilities with biological waste

## ADVANTAGES

- ▶ Pre-engineered, pre-fabricated structures result in lower cost
- ▶ Unit is easily transported to the customer's project site
- ▶ Design allows for quick turnaround time, delivery, and installation
- ▶ Effluent discharge can be reused for irrigation or cleaning for additional savings
- ▶ Effective extended aeration principle
- ▶ Eliminates the need for long pipelines
- ▶ Regulatory standards compliant
- ▶ Custom design / application specific systems
- ▶ Scalable / Just add containers with growth
- ▶ Long service life



## TECHNOLOGY

- ▶ Adopting innovative membrane bio-reactor (MBR) technology that combines membrane ultrafiltration with traditional bioreactor activated sludge treatment.
- ▶ The membrane uses microscopic pores to create a physical barrier that solids and pathogens cannot get past, producing the highest quality effluent possible today.
- ▶ The replaceable MBR cassettes inside can effectively enhance nitrogen removal performance.
- ▶ Remote monitor and control through environmental intelligent cloud platform.

## PROVEN RESULTS

GreenPro's G-CUBE series is designed to meet regulatory effluent wastewater standards (DAO 2016-08 Class B levels). We analyze each client's effluent waters (after septic tank) and customize each of our containers to make sure that the equipment will treat the wastewater up to standards. Each container is a complete treatment module that can be increased as the flow rate increases.



PARAMETER	INFLUENT	EFFLUENT
BOD (mg/L)	100-300	≤ 30
COD (mg/L)	200-500	≤ 60
Color (TCU)	200-300	≤ 100
pH (range)	--	6.0 – 9.0
TSS (mg/L)	150-250	≤ 85
Chloride	450-600	≤ 350
Nitrate NO <sub>3</sub> -N (mg/L)	< 50	≤ 14
Total Coliform (MPN/100mL)	10,000 – 1,000,000	≤ 200

\* Sample influent parameters and the after treatment values. Each facility's performance will vary according to waste produced and requested effluent standards.