

For Earth, For Life
Kubota



ON YOUR SIDE

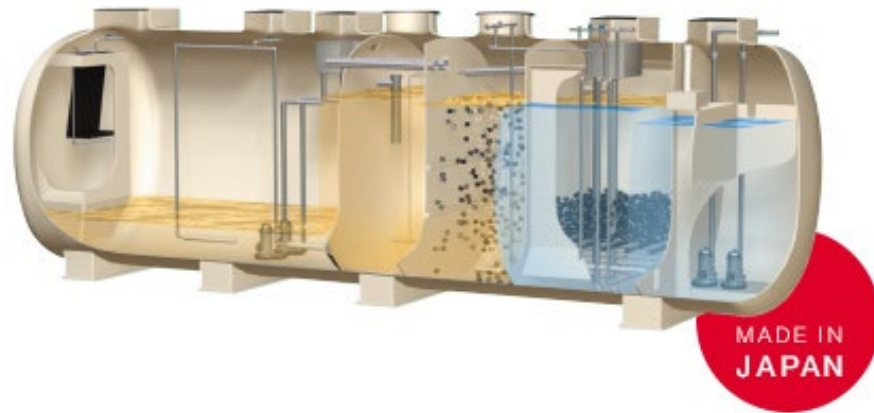
JOHKASOU SYSTEM-How Important Maintenance Services-

Presenter: Mr. Kenn Omar, Sales Engineer

KUBOTA WATER AND ENVIRONMENT PHILIPPINES CORPORATION
(FORMERLY: KUBOTA KASUI PHILIPPINES CORPORATION)

SEPTEMBER 25, 2025

HIGHLIGHTS OF KUBOTA JOHKASOU



- KUBOTA HAS BEEN MANUFACTURING AND SUPPLYING JOHKASOU FOR OVER 50 YEARS
- EFFLUENT WATER QUALITY IS COMPLIANT WITH DENR ADMINISTRATIVE ORDER 2016-08 AND 2021-19 FOR WATER CLASS A, B, C, D.
- REMOVES AMMONIUM NITROGEN ($\text{NH}_4\text{-N}$), NITRATE NITROGEN ($\text{NO}_3\text{-N}$) AND PHOSPHATES ($\text{PO}_4^{3-}\text{-P}$).
- TREATMENT PROCESSES: MOVING BED BIOFILM REACTOR (MBBR) AND MEMBRANE BIOREACTOR (MBR). KUBOTA JOHKASOU MBR IS INSTALLED WITH KUBOTA MANUFACTURED MEMBRANES.
- INTEGRATION WITH KUBOTA SMART INFRASTRUCTURE SYSTEM (KSIS)
- CONTRIBUTION OF REDUCING GHGs from SEPTIC TANK System



INSTALLATION RECORDS

Asia

- China
- Vietnam
- Myanmar
- **Philippines**
- Thailand
- Indonesia
- Bhutan
- Bangladesh
- Sri Lanka
- Laos
- Oman
- Saudi Arabia



OVER 30,000 UNITS INSTALLED IN 25 COUNTRIES OUTSIDE OF JAPAN SINCE 2009

Africa

- Kenya
- Djibouti

Oceania

- Australia
- Papua New Guinea
- Palau
- Fiji
- Tonga

America

- America
- Nicaragua
- Panama
- Algeria

APPLICATIONS OF JOHKASOU



HOTELS



RESORTS



BUS TERMINALS



QUICK SERVICE RESTAURANTS



HOSPITALS



RAILWAY STATIONS



AIRPORTS



CITY HALLS



RESIDENTIAL BUILDINGS

KUBOTA JOHKASOU can treat various source of wastewater such as from kitchen, toilet, bath, laundry, etc.

ENSURING THE PERFORMANCE OF THE JOHKASOU

It is important that the Johkasou System is properly monitored and maintained through the following measures:

Routine Inspection – conducted monthly to quarterly, **Periodic Maintenance** – every 6 to 12 months, **Annual Servicing**, **Emergency Maintenance** as needed.

With our local presence here in the Philippines, we ensure reliable after-sales service and support.



Water Quality Monitoring



Checking of Biofilm Condition



Tank Cleaning



Check operation status of blower



Check control panel

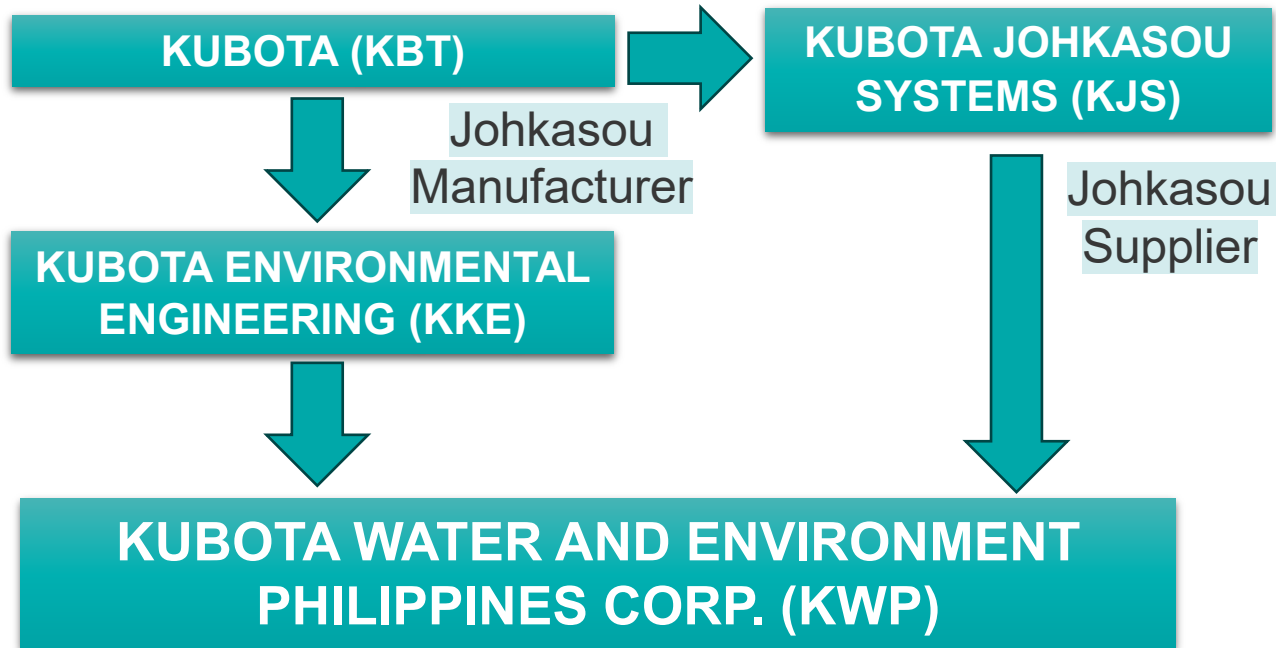


Desludging Work



Checking of Membrane Condition

WE ARE IN THE PHILIPPINES



- We are an EPC (Engineering, Procurement, and Construction) company.
- We offer services on operation and maintenance of WWTP/STP.
- We supply chemicals and consumables.

KWP provides all necessary engineering services, including operation and maintenance, water and wastewater analysis, and chemical supply, to ensure the performance of Johkasou.





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