



LALAWIGAN NG BULACAN
Pamahalaang Lungsod ng Baliwag
CITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
INSPECTION REPORT

Name of Establishment: Nephrolife Dialysis Center

Address: Rugay Maternity Hospital, Sabang, Baliwag City, Bulacan

Issue: Regular Inspection

Date of inspection: October 26, 2025

Site Inspection: October 26, 2025 (10:50 am) conducted by Joint Inspection and Assessment Team (JIAT)

Inspection report: Upon investigation, Monitoring & Inspection Team had come up with the following observations and findings, to with



Serbisyong May Malasakit!



MARISSA M. RIZMAUL 11/11/25

➤ Local Permits:

- Has business permit for the current year 2025
- Has sanitary permit
- Zoning permit
- Environmental Permits under DENR-EMB
 - Without environmental permits such as Certificate of Non-Coverage (CNC), Discharge Permit for liquid wastes, Permit to Transport (PTT) for Hazardous wastes, Hazardous Waste Generator I.D and Permit to Operate Air Pollution Source Equipment for the generator set to the Environmental Management Bureau (EMB)
 - Without accredited Pollution Control Officer (PCO)
 - Solid Wastes Management (R.A 9003)
 - Has segregation at source
 - Segregated bins have no proper label
 - Hospital's Materials Recovery Facility (MRF) is under renovation
 - Liquid Wastes Management (R.A 9275)
 - Wastes water (effluent) generated are treated under Rugar Hospital Sewage Treatment Plant (STP). (Inter connected)
 - Toxic Substances and Hazardous and Nuclear Waste Control Act (R.A 6969)
 - Hazardous wastes generated are catered under Rugar Hospital management

Typical STP Requirements for a Dialysis Center

- Dialysis wastewater requires a biological treatment type STP because it contains chemicals, disinfectants, and biological contaminants.
- Most commonly used systems are:
 - MBR (Membrane Bioreactor) efficient technology for medical wastewater. Compact design, effectively removes bacteria, viruses, blood residues, disinfectants, and other organic materials.
 - MBBR (Moving Bed Biofilm Reactor) for smaller dialysis centers with lower wastewater volume.
 - STP capacity must base on the volume of wastewater generated per day.
 - Estimated water consumption of dialysis machine per session, (120-150L per session)
 - Example computation: 10 machines operating two sessions per day, $10 \times 150 \times 2 = 3,000$ liters (3 cubic meters) per day
 - The capacity of the STP should be based on the number of operating machine and the number of sessions made per day. Allow extra margin for cleaning and backwash water.
 - Compliance with the DENR DAO 2016-08 (Implementing Rules and Regulations of the Clean Water Act) is a must.
 - Effluent should meet Class C water quality standards before discharge. Regular testing and Laboratory Analysis Reports (DENR-accredited lab) are required.

In regards with the above-mentioned findings, City ENRO cited the following recommendations to comply with the implementing environmental laws. The lists of recommendations are as follows:

Recommendations:

- The dialysis center should be included in the hospital's Environmental Compliance Certificate (ECC) and Environmental Monitoring Plan
- If the dialysis center is not included in the ECC and EMP of the hospital, they have to amend the issued ECC to include the dialysis unit or they must secure their own environmental