

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

Name of Establishment: St. Aloysius Dialysis
Address: Tangos, Baliwag City, Bulacan
Issue: Regular Inspection
Date of inspection: October 26, 2025
Site Inspection: October 26, 2025 (10:00 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!

Received by: *Mirabelle Uyeh*
 12.2.25

Findings:

- Local Permits:
 - Has business permit for the current year 2025
 - Environmental Permits under DENR-EMB
 - Has Accredited Pollution Control Officer (PCO)
 - With environmental permits such as Certificate of Non-Coverage (CNC), Discharge Permit for liquid wastes, Hazardous wastes generator I.D, Permit to Operate Air Pollution Source Equipment for the generator and Permit to Transport (PTT) for Hazardous wastes
 - Solid Wastes Management (R.A 9003)
 - Has segregation at source
 - Has segregated bins
 - Without Materials Recovery Facility (MRF)
 - Final disposal of solid wastes under garbage collector of brgy. Tangos
 - Liquid Wastes Management (R.A 9275)
 - Has independent Sewage Treatment Plant (STP) for proper treatment and disposal of waste water (effluent)
 - Partner Laboratory for wastewater analysis, AQUA PHARMA
 - Toxic Substances and Hazardous and Nuclear Waste Control Act (R.A 6969)
 - Hazardous wastes generated are treated and disposed by a third-party hauler

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:

- Submit a copy of environmental permits such as Certificate of Non-Coverage (CNC), Hazardous Wastes Generator Registration Certificate, Permit to Transport (PTT), Discharge Permit for liquid wastes, Permit to Operate Air Pollution Source Equipment for the generator and PCO accreditation certificate
- Submit septage and plumbing plan to check the flow of liquid wastes generated
- Submit waste water (effluent) analysis report every quarter of the year
- Submit the design and capacity of the installed STP.
- Trash bins must have a proper label

- Establish Materials Recovery Facility (MRF) for proper storage of solid wastes
- Ensure that all hazardous wastes generated has a proper label and storage.
- Also, submit a copy of MOA with your private hauler for the treatment and final disposal of solid wastes,
- Liquid wastes and Toxic and hazardous wastes.
- Always maintain the cleanliness of the facility
- The permit holder shall submit quarterly Self-Monitoring Report (SMR) to City-ENRO

* We do advise to make an urgent response in addressing this matter as soon as you received this inspection report. Failure to comply with the recommendations given above will result to restricted operation or much worse, closure of the business.

Inspected by:

- Joven Guevarra
- Arnold Mendoza
- Aldin Santos

(Handwritten signatures of Joven Guevarra, Arnold Mendoza, and Aldin Santos)

Approved by:

EDGAR S. LUNA, PhD.

City- ENRO

Noted by:

ENRIQUE V. TAGLE

City Administrator