



ENVIRONMENTAL MANAGEMENT BUREAU REGION 8
SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number:
Date of Inspection: March 4, 2022
Mission Order No.: EMBR8-2022-007132

1. GENERAL INFORMATION

Name of Establishment: TACLOBAN CITY SLAUGHTERHOUSE (LGU TACLOBAN)		
Address: Brgy. 104, Salvacion, Tacloban City, Leyte		Geo Coordinates: 10.97578, 124.65432
Nature of Business: slaughtering of livestock		
PSIC Code:	Product:	Year Established: 2018
Operating hours/day: 5	Operating days/week: 7	Operating days/year: 365

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
	N/A	
Name of Managing Head: JONANS BARDELOSA		
Name of PCO: Jason Ogale (Designate)		
PCO Accreditation No.:		Date of Effectivity:
Phone/Fax:	09688548901/09157788308	Email:

2. PURPOSE OF INSPECTION

☐ Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification

	New	Renewal
<input type="checkbox"/> New Renewal		
<input type="checkbox"/> PMPIN Application	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste ID Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste Transporter Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous waste TSD Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit to Operate Air Pollution Control Installation	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Discharge Permit	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Others _____	<input type="checkbox"/>	<input type="checkbox"/>

☒ Determine compliance status with the environmental regulations, permit conditions, and other requirements

☐ Investigate community complaints

☐ Check status of voluntary commitment

☐ Industrial Ecowatch

☐ Philippine Environmental Partnership Program (PEPP)

☐ Pollution Adjudication Board (PAB)

☐ Others _____

☐ Others _____

Name of Contact Person	JONANS BARDELOSA
Position / Designation	Admin

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-R08-1611-0044	Dec. 5, 2018	
	ECC2			
RA 6969	DENR Registry ID	EMBR8-191610-74056	Jul. 14, 2021	
	PCL Compliance Certificate			
	CCO Registry			
	Permit to Transport			
RA 8749	POA No.	PTO-OL-R08-2021-03652	Jun. 1, 2021	Jun. 1, 2026
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.	DP-R08-21-03641	Jun. 18, 2021	Jun. 18, 2022

4. Water Supply and Wastewater Generation

A. Water Sources

Sources of Water Supply	Daily (m³/day)	Annual (m³/day)	Specify if Others
Surface water (river, lakes, etc.)			
Groundwater			
Water utilities			
Others (water delivery)	6.829	2,492	

B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m³/day)	Generated (m³/day)	Specify if Others
Process Water			
Domestic Water	1.708	1.708	
Cooling Water	1.708	1.708	
Maintenance (washing of equipment)	1.705	1.705	
Storm drain			
Others (wash water, floor)	1.708	1.708	

C. Quality of Abstracted Water

Sources of Water Supply	BOD/ COD	TSS	AVFP	Heavy Metals	Specify if Others

5. Information on Wastewater Pollution

A. Does the Establishment have a Wastewater Treatment Plant?

☒ Yes
☐ No

B. What type of WWTP?

☒ Physical
☒ Biological
☐ Chemical
☐ Others

C. WWTP Detail

1. Date Installed	2018		
2. Design Capacity	109.809 m3/day		
3. Cost of WWTP	Php 1,300,000.00		
4. Annual Maintenance Cost (Php/year)			
5. Location of Discharge Point(s)	Receiving Water Body	Classification of Water Body	
WTP	San Juanico Straight	Class SC	
	<input type="checkbox"/> V-weir	Other (specify)	
6. Flow Metering Device Use	<input type="checkbox"/> Flow Meter		
7. Flow Rate	Influent	Effluent	Others (specify)

A. Components of WWTP

Primary	Biological	Chemical	Others
<input checked="" type="checkbox"/> Screening <input checked="" type="checkbox"/> Primary Treatment <input type="checkbox"/> Grit Removal <input type="checkbox"/> Oil/Water Separator <input checked="" type="checkbox"/> Equalization Tank <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> Activated Sludge <input type="checkbox"/> Anaerobic Digestion (septic tank) <input type="checkbox"/> Tricking Filter <input type="checkbox"/> Oxidation/Stabilization Pond <input type="checkbox"/> Sequencing Batch Reactor <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> pH Adjustment <input type="checkbox"/> Disinfection <input type="checkbox"/> Oxidation/Reduction <input type="checkbox"/> Flocculation/ Coagulation <input type="checkbox"/> Others (specify) _____	
B. Condition of the WWTP			
1. What is the general condition of the WWTP during sampling?		<input checked="" type="checkbox"/> Properly maintained <input type="checkbox"/> Inadequately maintained <input type="checkbox"/> Poor maintenance <input type="checkbox"/> Others	
2. Is the WWTP under construction or undergoing rehabilitation?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. If the answer is No. 2 is YES, has this been reported to EMB/LLDA?			
4. Which System or units are under construction or being modified?			
5. Estimated date of completion			
6. Treatment units utilized to treat wastewater			


Water Quality Field Date						
Sampling Point No. 1						
Sampling Station			Sampling Time:			
Type of Sample						
Result Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	

III. SUMMARY OF FINDINGS					
Legal Reference	Compliance Requirements	Compliant			Remarks
		Y	N	N/A	
DAO 2005-10 Rule 14.1	1. Has the establishment submitted two notarized copies of accomplished application form?			✓	Discharge permit is valid until June 18, 2022
DAO 2005-10 Rule 14.2	2. Has the establishment submitted Sewer and Drainage Plan Drawing of appropriate scale in as standard size sheet and in accordance with good engineering practice?			✓	
	3. Has the establishment submitted water quality analysis of abstracted water and the appropriate bills?			✓	
	4. Has the establishment submitted Pollution Prevention/Environmental Management System Plan or Program?			✓	
	5. Has the establishment submitted copy			✓	

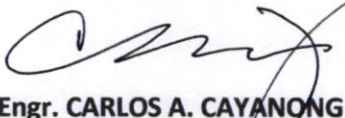
	of the Environmental Compliance Certificate or Certificate of Non-Coverage?				
	6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable?	✓			
	7. Has the establishment designated or appointed a PCO?	✓			
DAO 2005-10 Rule 14.6	8. Does the establishment use its effluent for Agricultural Purposes?		✓		If yes, proceed to succeeding items
	a. Has the establishment submitted certified true copy of land ownership or notarized copy of agreement between the owner of the land where the effluent is to be applied and the discharger/permittee?				
	b. Has the establishment submitted proof that wastewater to be used for land application does not contain toxic or substances (as defined in RA 6969)?				
	c. Does the establishment's wastewater applied for agricultural purposes directly or indirectly seep or drain into groundwater or nearby surface waters which will affect the quality of such ground and/or surface water?				
	d. Has the establishment submitted a Certification from the Department of Agriculture (DA) stating that the quantity, quality and distribution methodology of application are suited for agricultural purposes?				
	e. Does the establishment use land application only during periods of low surface water flow to enhance loading limits compliance?				
	f. Has the establishment submitted baseline groundwater quality data and self-monitoring report within the discharge areas, and installed at least one groundwater monitoring well which shall be drilled in each dominant direction of groundwater movement?				
	g. Has the establishment submitted an emergency plan – which shall respond to emergencies that can prevent or minimize damage to equipment, land, groundwater, etc., and/or public health?				
	h. Does the plan highlight the design considerations, systems operation, treatment/monitoring of soil, crops, effluent and groundwater before/after irrigation? Such requirements shall be in addition to Section 14.2.				

Other Observations:
<ol style="list-style-type: none">1. The establishment was not operational during time of inspection. According to the in-charge, their time of operation is between 11 PM and 3 AM only.2. The establishment is issued with a valid discharge permit with DP number: DP-R08-21-03641 valid until June 18, 2022.3. 4th Quarter 2021 SMR was submitted on January 19, 2022.4. As per in charge, they are not in full operation since there are no available livestock for slaughtering. Capacity of the plant is at ten (10) heads per day, but they are only processing six (6) heads per day.5. Source of water is through delivery from a private water delivery facility. Delivered water is stored in a large capacity holding tank.6. A wastewater treatment facility was also observed. However, sampling was not conducted since the plant was not operational.
Remarks and Recommendation:
<ol style="list-style-type: none">1. As per conditions of the issued discharge permit, to schedule conduct of effluent sampling two (2) months prior to expiration of permit.2. To include sampling of abstracted water for load base fee computation.
List of Documents Reviewed:

Submitted by:


SHARMAINE I. SILLEZA
EMS I


Recommending Approval:


Engr. CARLOS A. CAYANONG
Engineer IV/Chief, WAQMS

Approval:


FOR. MANUEL J. SACEDA, JR.
OIC Chief, EMED

Noted:


REYNALDO B. BARRA, PME
OIC, Regional Director

