

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: _____

Date of Survey/Inspection: **17 March 2022**

Mission Order No.: **EMBR8-2022-008355**

1. GENERAL INFORMATION		
Name of Establishment: Various Infrastructure Projects at the Leyte Normal University (Proponent: <i>Leyte Normal University</i>)		
Address: P. Paterno St., Tacloban City		Geo Coordinates: 11.2381932°N, 124.9991393°E
Nature of Business: School/Dormitories		
PSIC Code: 85	Product:	Year Established:
Operating hours/day:	Operating days/week:	Operating days/year:
Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Name of Managing Head:	Dr. Evelyn B. Aguirre (University President)	
Name of PCO:	University Engineers (Designate)	
PCO Accreditation No.:	-	Date of Effectivity:
Phone/Fax:	0939 901 8009	Email: reynaldo.garnace@lnu.edu.ph
2. PURPOSE OF INSPECTION		
<input type="checkbox"/> Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification		
<input type="checkbox"/> New <input type="checkbox"/> Renewal <input type="checkbox"/> PMPIN Application <input type="checkbox"/> Hazardous Waste ID Registration <input type="checkbox"/> Hazardous Waste Transporter Registration <input type="checkbox"/> Hazardous waste TSD Registration <input type="checkbox"/> Permit to Operate Air Pollution Control Installation <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Others _____	New <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Renewal <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> Determine compliance status with the environmental regulations, permit conditions, and other requirements <input type="checkbox"/> Investigate community complaints <input type="checkbox"/> Check status of voluntary commitment <input type="checkbox"/> Industrial Ecowatch <input type="checkbox"/> Philippine Environmental Partnership Program (PEPP) <input type="checkbox"/> Pollution Adjudication Board (PAB) <input type="checkbox"/> Others _____ <input type="checkbox"/> Others _____		
Name of Contact Person	Dr. Reynaldo Garnace	
Position / Designation	Chief, Administrative Officer LNU	

3. COMPLIANCE STATUS
3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-OL-R08-2019-0088	05/28/2019	-
	ECC2	-		
RA 6969	DENR Registry ID	-		
	PCL Compliance Certificate	-		
	CCO Registry	-		
	Permit to Transport	-		
RA 8749	POA No.	-		
RA 9003	ECC for Sanitary Landfill	-		
RA 9275	DP No.	-		

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 (specify)			

B. Wastewater Sources (Not Applicable)

Water Use / Sources of Wastewater	Consumed (m³/day)	Generated (m³/day)	Specify if Others
Process Water			
Domestic Water			
Cooling Water			
Maintenance			
Storm drain			
Others (specify)			

C. Quality of Abstracted Water

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

5. Information on Wastewater Pollution (Not Applicable)

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			
2. Design Capacity			
3. Cost of WWTP			
4. Annual Maintenance Cost (Php/year)			
5. Location of Discharge Point(s)	Receiving Water Body	Classification of Water Body	
Septic Tanks per building structures			
	<input type="checkbox"/> V-weir	Other (specify)	
6. Flow Metering Device Use	<input type="checkbox"/> Flow Meter		
7. Flow Rate	Influent	Effluent	Others (specify)

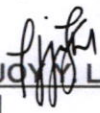
A. Components of WWTP (Not Applicable)			
Primary	Biological	Chemical	Others
<input type="checkbox"/> Screening <input checked="" type="checkbox"/> Primary Treatment <input type="checkbox"/> Grit Removal <input type="checkbox"/> Oil/Water Separator <input type="checkbox"/> Equalization Tank <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> Activated Sludge <input checked="" type="checkbox"/> Anaerobic Digestion <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 (Not Applicable)			
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 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			

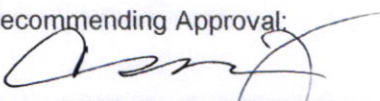
Water Quality Field Date (Not Applicable)						
Sampling Point No. 1						
Sampling Station			Sampling Time:			
Type of Sample						
Result Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	

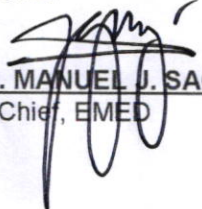
III. SUMMARY OF FINDINGS					
Legal Reference	Compliance Requirements	Compliant			Remarks
		Y	N	N/A	
DAO 2005-10 Rule 14.1	1. Has the establishment submitted two notarized copies of accomplished application form?	/			
DAO 2005-10 Rule 14.2	2. Has the establishment submitted Sewer and Drainage Plan Drawing 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?			/	

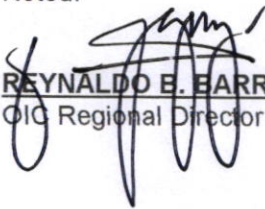
	5. Has the establishment submitted copy of the Environmental Compliance Certificate or Certificate of Non-Coverage?			/	
	6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable?		/		
	7. Has the establishment designated or appointed a PCO?		/		
DAO 2005-10 Rule 14.6	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.			/	

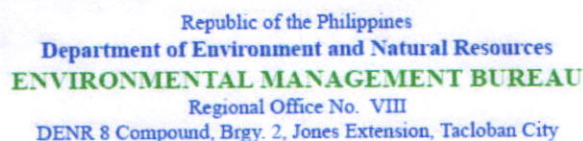
Other Observations:
<ul style="list-style-type: none">• The Environmental Compliance Certificate, ECC-OL-R08-2019-0088, issued on May 28, 2019 covers the proposed infrastructures projects at Leyte Normal University with an area of 61, 089.00 m². Below are the specific infrastructure projects corresponding the status of its implementation:<ol style="list-style-type: none">1) Rehabilitation of the HDRC Building – already on its last phase and almost complete2) Construction of new Academic Building – construction completed3) Conversion of the Old Dormitory to Classrooms – on-going construction4) Major Expansion of the Learning Resource Center – two (2) phases are already complete; last phase is on-going5) Construction of New Dormitory Complex – Building 2 (Male Dorm) – on-going construction for phase 2• Wastewater generated is from domestic which flows through septic tanks installed for each building. As per Engineers, septic tanks for these new infrastructures are three-chambered while from old buildings are the conventional-type of septic tanks. These septic tanks are closed and are subject for siphoning. Gathering of relevant requirements is on-going as to Discharge Permit application for the wastewater generated.• Generator set was also provided as standby power source during power outage. Application of the Permit to Operate Air Pollution Source and Control Installation is yet to be lodged online.• Based on online system, the semi-annual Compliance Monitoring Report is for submission.
Remarks and Recommendation:
<ul style="list-style-type: none">• The Proponent, Leyte Normal University, is to submit its Compliance Monitoring Report for the two (2) semesters of CY 2021 thru the online system online.emb.gov.ph/cmr.• Discharge Permit is to be secured from this Office for its wastewater generated from its comfort rooms and laboratory and Permit to Operate for its standby generator set and register as hazardous wastes generator for the hazardous wastes such as busted light bulbs, WEEE and used engine oil thru the online permitting and monitoring system opms.emb.gov.ph
List of Documents Reviewed:
Copy of ECC

Submitted by:

LEDANE JOY D. LAURENTE
Engineer II

Recommending Approval:

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

Approval:

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

Noted:

REYNALDO E. BARRA, PME
OIC Regional Director



Company Name : ENVIRONMENTAL MANAGEMENT BUREAU -
REGION VIII (EASTERN VISAYAS) *