



SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: _____
Date of Survey/Inspection: March 08, 2022
Mission Order No.: EMBR8-2022-007549

1. GENERAL INFORMATION		
Name of Establishment: LEYTE METROPOLITAN WATER DISTRICT - TACLOBAN NORTH WATER SUPPLY PROJECT		
Address: Brgy. Cabalawan, Tacloban City		Geo Coordinates: 10.81426 N, 124.90584 E
Nature of Business: Water treatment facility		
PSIC Code:36000	Product: potable water	Year Established:2019
Operating hours/day: 8	Operating days/week: 7	Operating days/year:
Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
	Production rate=1,500m ³	
Name of Managing Head:	MR. PASTOR ABARCA HOMERES	
Name of PCO:	None	
PCO Accreditation No.:	None	Date of Effectivity:
Phone/Fax:	09260717059	Email:
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 Renewal	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"/>
<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	Devy Aglipo	
Position / Designation	Project Manager/ Mactan Rock	

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-OL-R08-2019-0189	10-15-201966	
	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.)	1,500		
Groundwater			
Water utilities			
Others (specify)			

B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m³/day)	Generated (m³/day)	Specify if Others
Process Water			
Domestic Water	1.0		
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

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
	<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 type="checkbox"/> Screening <input 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 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			
1. What is the general condition of the WWTP during sampling?		<input 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						
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?		√		

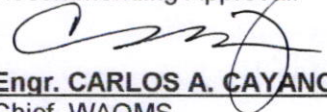
DAO 2005-10 Rule 14.6	5. Has the establishment submitted copy of the Environmental Compliance Certificate or Certificate of Non-Coverage?		√		
	6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable?		√		
	7. Has the establishment designated or appointed a PCO?		√		
	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"> - Environmental Compliance Certificate with reference code ECC-OL-R08-2019-0189 was issued on October 15, 2019 to Leyte Metropolitan Water District for the Tacloban North Water Supply Project located in Brgy. Cabalawan, Tacloban City. It covers an area of 1,056 square meters. - The water treatment facility was operational during the monitoring to supply potable water to the 400 households in St. Francis Subdivision. - The said project was operated under the supervision of Mactan Rock Corp. Mactan Rock is still in the process of achieving the 100% design capacity of the project. - No wastewater discharge was observed from the settling pond during the time of monitoring. Water treatment process is still on-going. - The project is still operating without a valid wastewater discharge permit secured from this Office. - No designated Pollution Control Officer of the establishment. - Office records showed that no submission of Compliance Monitoring Report semi-annually. - Two (2) units 563 KW Cummins Brand Diesel Generator Set were noted at the site to supply power during outage. No Permit to Operate for Air Pollution Source Installation was secured from this Office. - Likewise, no Hazardous Waste Registration Certificate (DENR ID) issued as hazardous waste generator. - A Notice of Violation was issued to the said project on June 16, 2021 for the above-mentioned non-compliance. On August 24, 2021 an Order was issued by this Office against Leyte Metropolitan Water District -Tacloban North water Supply Project to pay the corresponding penalties. However, no payment of penalty and non-compliance to the commitments to date.
Remarks and Recommendation: <ul style="list-style-type: none"> - To pay the corresponding penalty and comply with the requirements for the issuance of Wastewater Discharge Permit, Permit to Operate Air Pollution Source Installation (Genset) and DENR ID as hazardous waste generator through the EMB Online Permitting and Monitoring System. - To designate a Pollution Control Officer, to attend the 40-hr Basic PCO Training and apply for PCO accreditation. - To submit Compliance Monitoring Reports semi-annually through the EMB online system which can be accessed through the EMB website or through https://online.emb.gov.ph/cmr/. - To undertake tree planting activity on a designate area on the project site. - To issue a Notice to comply with the above cited recommendations.
List of Documents Reviewed:
Copy of ECC

Submitted by:


JANET T. POLEA
Engr. IV

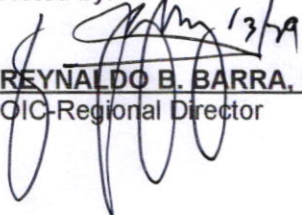
Recommending Approval:

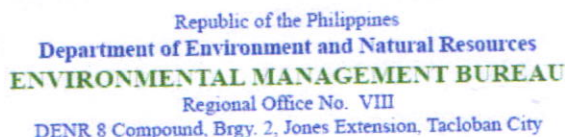

Engr. CARLOS A. CAYANONG
Chief, WAQMS

Approved by:


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

Noted by:


REYNALDO B. BARRA, PME.
OIC-Regional Director



Company Name : LEYTE METROPOLITAN WATER DISTRICT

IIS No. : R8-2022-009447



TO: All Officials/Personnel Concerned:

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For strict compliance.

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Use code for comment/instruction and desired action:

A - For information / guidance / reference

B - For comments / recommendations

C - Pls. take up with me

D - Pls. draft answer memo

E - Pls. appropriate action

F - Pls. immediate investigation

G - Pls. Attach supporting papers

H - Pls. for approval

I - For initial/signature

J - For study/evaluation

K - Pls. release/file

L - Update stat of case

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