

Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number:
Date of Inspection: **MARCH 18, 2022**
Mission Order No.: **TABLE MONITORING**

1. GENERAL INFORMATION		
Name of Establishment: METRO GAISANO PROJECT BAYBAY		
Address: Zone 15 New Reclamation Area Brgy. Poblacion, Baybay City, Leyte		Geo Coordinates: 10.67328 E, 124.79952 N
Nature of Business: Mall/Commercial Establishment		
PSIC Code: 681	Product: N/A	Year Established: 2019
Operating hours/day: 11	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	N/A
Name of Managing Head:	MR. JOVANY POLANCOS	
Name of PCO:	ENGR. CRIS M. NAHIAL	
PCO Accreditation No.:	2020-RVIII-0064	Date of Effectivity: 03/10/2020
Phone/Fax:	0970-786-5840	Email: s19.engineering@metroretail.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 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	ENGR. CRIS M. NAHIAL
Position / Designation	Pollution Control Officer

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC- OL-R08-2019-0131	07-24-2019	
	ECC2	N/A		
	ECC3	N/A		
RA 6969	DENR Registry ID	N/A		
	PCL Compliance Certificate	N/A		
	CCO Registry	N/A		
	Permit to Transport	N/A		
RA 8749	POA No.	PTO-OL-R08-2021-01419-R	03-09-2021	03-09-2026
RA 9003	ECC for Sanitary Landfill	N/A		
RA 9275	DP No.	DP-R08-20-02141	06-04-2020	06-04-2021

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	52.6		
Others (specify)			

B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m³/day)	Generated (m³/day)	Specify if Others
Process Water			
Domestic Water	52	24.8	
Cooling Water		17	
Maintenance		3.0	
Storm drain			
Others (specify)		1.3	recycled
		6.5	

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	July 31, 2019
2. Design Capacity	50 m³/day
3. Cost of WWTP	

4. Annual Maintenance Cost (Php/year)		No Available data	
5. Location of Discharge Point(s)		Receiving Water Body	Classification of Water Body
City Sewer		Camotes Sea	SC
		<input type="checkbox"/> V-weir	Other (specify) _____
6. Flow Metering Device Use		<input type="checkbox"/> Flow Meter	
7. Flow Rate		Influent	Effluent
A. Components of WWTP			
Primary	Biological	Chemical	Others
<input checked="" type="checkbox"/> Screening	<input type="checkbox"/> Activated Sludge	<input type="checkbox"/> pH Adjustment	
<input checked="" type="checkbox"/> Primary Treatment	<input checked="" type="checkbox"/> Anaerobic Digestion	<input checked="" type="checkbox"/> Disinfection	
<input type="checkbox"/> Grit Removal	<input type="checkbox"/> Tricking Filter	<input type="checkbox"/> Oxidation/Reduction	
<input type="checkbox"/> Oil/Water Separator	<input type="checkbox"/> Oxidation/Stabilization Pond	<input type="checkbox"/> Flocculation/ Coagulation	
<input type="checkbox"/> Equalization Tank	<input checked="" type="checkbox"/> Sequencing Batch Reactor	<input type="checkbox"/> Others (specify) _____	
<input type="checkbox"/> Others (specify) _____	<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 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.						
Sampling Station		Discharge point		Sampling Time:		10:56 AM
Type of Sample		EFFLUENT				
Result Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	
BOD	10.8	mg/L	100	/		
Fecal Coliform	<1.8	MPN/100 mL	400	/		
Phosphate	1.200	mg/L	4	/		
Nitrate	<0.0156	mg/L	20	/		

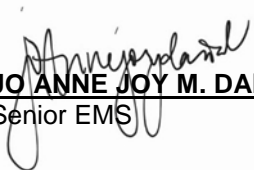
III. SUMMARY OF FINDINGS					
Legal Reference	Compliance Requirements	Compliant			Remarks
		Y	N	N/A	
DAO 2005-10 Rule 13.1	1. Does the establishment pay the required wastewater charge?		/		For computation of LBF

DAO 2005-10 Rule 14.1	2. Does the establishment have a Discharge Permit?		/		Online application is on-process
DAO 2005-10 Rule 14.5	3. Does the establishment pay the required discharge permit fee?		/		For payment of DP fee
DAO 2005-10 Rule 14.9	4. Is the permit available and valid?		/		Online application is on-process
DAO 2005-10 Rule 14.11	5. Do the discharge points correspond to those declared in the discharge permit?			/	
	6. Is the volume discharged within the allowable volume declared in the discharge permit?			/	
	7. Is the permit posted in a proper area?			/	
DAO 2005-10 Rule 14.16	8. Are the SMRs submitted quarterly and on time?	/			SMR 4 th Quarter for CY 2021 was submitted January 30, 2022
DAO 1990-35 Section 4-6	9. Are the effluent parameters compliant with the standards in DENR existing effluent standards?	/			
DAO 1990-35 Section 8	10. Does the establishment comply with the additional requirements stated in DAO 1990-35?	/			
DAO 1990-35 Section 9	11. Are the pollution control facilities properly and continuously operated?	/			
DAO 1990-35 Section 10	12. Are the methods of analysis used for effluent samples in accordance with the prescribed methods of the Department?	/			
Other Requirements	13. Are the copies of water analysis reports available?			/	
	14. Are the correspondence between the establishment and EMB documented?	/			
	15. Are the establishment's compliance violations and exceedances documented?	/			
	16. Are there any pending litigation/PAB cases?	/			Already submitted the official receipt of the penalty last January 18, 2022.
	17. Are there spill prevention contingency plans?			/	
	18. Are there spill containment facilities available?			/	

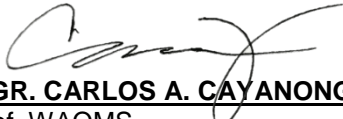
Other Observations:
<ol style="list-style-type: none"> 1. A Notice of Violation was issued on August 2, 2021 for operating with expired DP. Penalty was already paid amounting to PhP 19,500.00 on January 17, 2022 with OR No. 1947910. 2. Application was lodged online with reference number 132865 last June 30, 2021. Application was returned on July 5, 2021 per NOV issued for operating with expired DP. Application was resubmitted on January 18, 2022. Application was again returned on March 27, 2022 pending payment of permit fees. 3. Per online application, discharge volume is 51.3 m³/day while design capacity of STP is 50 m³/day. 4. Effluent samples were collected last February 16, 2022 for the following parameters: BOD, Fecal Coliform, Nitrate, and Phosphate. Results were within the DENR Standards for Class SC waters. 5. Engr. Cris M. Nahial is the accredited PCO of Metro Gaisano Baybay. 6. SMR for the 4th Quarter of CY 2021 was submitted last January 30, 2022. Likewise, 2nd semester CMR was submitted online on January 13, 2022.

Remarks and Recommendation:
<div>✓ For proponent to fast track processing of DP application and pay corresponding DP fee for the issuance of temporary Discharge Permit.</div> <div>✓ Correct data on discharge volume and design capacity in online DP application.</div> <div>✓ Include results of laboratory analyses in Module 3 of quarterly submitted SMR.</div>
List of Documents Reviewed:
Discharge Permit

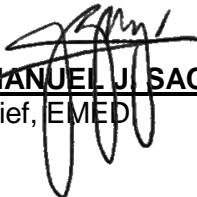
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