



COMPLIANCE INSPECTION FOR WATER QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: _____

Date of Inspection: January 18, 2022Mission Order No.: Desk Monitoring**1. GENERAL INFORMATION**Name of Establishment: **COCA-COLA BEVERAGES PHILIPPINES, INC.**Address: **Brgy. 75, Fatima Village, Tacloban City**

Geo Coordinates:

11.2066855, 125.0233401Nature of Business: **Manufacture of Beverage (Non-alcoholic)**PSIC Code: **11**Product: **Beverage**Year Established: **2004**Operating hours/day: **16**Operating days/week: **5**Operating days/year: **236**

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Name of Managing Head:	JOJE M. QUEZON	
Name of PCO:	TRACY JOY C. LAUS	
PCO Accreditation No.:	2019-RVIII-0022	Date of Effectivity: 02/11/2019-2022
Phone/Fax:	09177934051	Email: tracy.laus@coca-cola.com.ph

2. PURPOSE OF INSPECTION

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

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

TRACY JOY C. LAUS

Position / Designation

PCO

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-08-041216-0303	Dec. 20, 2004	
	ECC2			
	ECC3			
RA 6969	DENR Registry ID	OL-GR-R8-37-003409	Sep. 1, 2021	
	PCL Compliance Certificate			
	CCO Registry			
	Permit to Transport			
RA 8749	POA No.	POA-2019-GS-0837-0203	Aug. 14, 2019	Aug. 14, 2024
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.	DP-R08-21-04865	Aug. 3, 2021	Aug. 3, 2022

4. Water Supply and Wastewater Generation

A. Water Sources

Sources of Water Supply	Daily (m ³ /day)	Annual (m ³ /yr)	Specify if Others
Surface water (river, lakes, etc.)			
Groundwater			
Water utilities Local Water District	181.1	46,336	
Others (specify)			

B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m ³ /day)	Generated (m ³ /day)	Specify if Others
Process Water	90.6	90.6	
Domestic Water	36.2	36.2	
Cooling Water	5.4	5.4	
Maintenance (wash water, equipment)	27.2	27.2	
Maintenance (wash water, floor)	18.1	18.1	
Others (gardening)	3.60	3.60	

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. What type of WWTP?	<input checked="" type="checkbox"/> Physical <input checked="" type="checkbox"/> Biological <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Others
C. WWTP Detail	
1. Date Installed	2003
2. Design Capacity	50 cu. meters per hour
3. Cost of WWTP	Approx. Php 2,000,000.00
4. Annual Maintenance Cost (Php/year)	Php 957,509.20 (from average cost per month recorded as per 4 th Q SMR)

5. Location of Discharge Point(s)		Receiving Water Body		Classification of Water Body		
WWTP Effluent		Cancabato Bay		Class SC		
		V-weir		Other (specify)		
6. Flow Metering Device Use None		<input type="checkbox"/> Flow Meter				
7. Flow Rate (per batch)		Influent	Effluent	Others (specify)		
			52.11			
A. Components of WWTP						
Primary		Biological		Chemical		
<input type="checkbox"/> Screening		<input type="checkbox"/> Activated Sludge		<input type="checkbox"/> pH Adjustment		
<input checked="" type="checkbox"/> Primary Treatment		<input 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 checked="" 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 checked="" type="checkbox"/> Others (STP)				
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?		N/A				
4. Which System or units are under construction or being modified?		N/A				
5. Estimated date of completion		N/A				
6. Treatment units utilized to treat wastewater						
Water Quality Field Date						
Sampling Point No. 1						
Sampling Station				Sampling Time:	AM/PM	
Type of Sample						
Result Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	

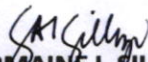
Information Summary of the previous or recent inspection/sampling:

Date of Sampling: 11/24/2021						
Sampling Station		Outfall		Sampling Time:	10:08 AM	
Type of Sample		Effluent				
Result Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	
Fecal Coliform	<1.8	MPN/100 mL	100	√		Passed
Phosphate	1.71	mg/l	1	√		Passed
Nitrate	3.11	mg/l	20	√		Passed
TSS	33	mg/l	100	√		Passed
BOD	14.7	mg/l	100	√		Passed

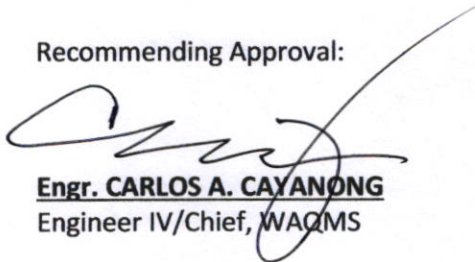
III. SUMMARY OF FINDINGS					
Legal Reference	Compliance Requirements	Compliant			Remarks
		Y	N	N/A	
DAO 2005-10 Rule 13.1	1. Does the establishment pay the required wastewater charge?	✓			
DAO 2005-10 Rule 14.1	2. Does the establishment have a Discharge Permit?	✓			
DAO 2005-10 Rule 14.5	3. Does the establishment pay the required discharge permit fee?	✓			
DAO 2005-10 Rule 14.9	4. Is the permit available and valid?	✓			DP is valid until Aug. 3, 2022
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?			✓	Not verified since desk monitoring
DAO 2005-10 Rule 14.16	8. Are the SMRs submitted quarterly and on time?	✓			4 th Q 2021 SMR was submitted on January 13, 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?	✓			Samples were submitted to EMBR8 Laboratory
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?			✓	
	17. Are there spill prevention contingency plans?	✓			
	18. Are there spill containment facilities available?	✓			

Other Observations:
<ol style="list-style-type: none">1. SMR for the 4th Quarter 2021 was submitted on January 13, 2022, online.2. The establishment is issued with valid discharge permit with permit number: DP-R08-21-04865 valid until August 3, 2022.3. Likewise, the establishment is issued with valid permit to operate air pollution source installation with permit number: POA-2019-GS-0837-0203 and is valid until August 14, 2024.4. Results of the conducted effluent sampling are compliant with DENR standards. Sampling was conducted on November 24, 2021. Record of in-house measurement for effluent flowrate, pH, temperature, BOD, TSS and color are also reflected in the submitted SMR. Other parameters recorded in the SMR are also compliant to DENR standards.
Remarks and Recommendation:
<ol style="list-style-type: none">1. To continue compliance to permit conditions.
List of Documents Reviewed:
Copy of DP, PTO & SMR

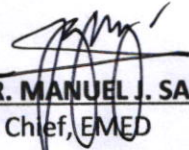
Submitted by:


SHARMAINE I. SILLEZA
EMS I

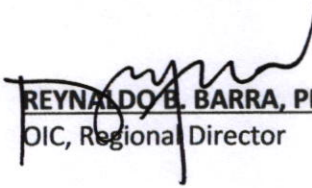
Recommending Approval:


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

