





SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: WS - 08 - 12

Date of Survey/Inspection: Sept. 27, 2021

Mission Order No.: EMBR8-2021-015396, EMBR8-2021-015386**1. GENERAL INFORMATION**

Name of Establishment: CORSIGA POULTRY PROJECT		
Address: Brgy. Pagsulhogon, Babatngon, Leyte		Geo Coordinates: 11°22'6"N 124°55'25"E
Nature of Business: POULTRY PROJECT		
PSIC Code: 014	Product: POULTRY	Year Established: 2019
Operating hours/day: -	Operating days/week: -	Operating days/year: 32-35 days, 10 days interval
Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Poultry	45,000 heads	24,000 heads
Name of Managing Head:	KEZIA RUTH M. CORSIGA	
Name of PCO:	KEZIA RUTH M. CORSIGA	
PCO Accreditation No.:	-	Date of Effectivity: -
Phone/Fax:	-	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 checked="" 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 **SURVEY**Name of Contact Person **Dionisio Lintin**Position / Designation **caretaker**

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits	Date of Issue	Expiry Date
PD 1586	ECC1	ECC-R08-1001-0003	Jan. 12, 2010
	ECC2		N/A
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 (m ³ /day)	Annual (m ³ /day)	Specify if Others
Surface water (river, lakes, etc.)			
Groundwater (drilling)	6000L		
Water utilities			
Others (specify)			

B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m ³ /day)	Generated (m ³ /day)	Specify if Others
Process Water			
Domestic Water			
Cooling Water			
Maintenance	6000L/10 days	6000L/10 days	Cleaned every after 35 th day
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?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
B. What type of WWTP?		<input checked="" type="checkbox"/> Physical <input type="checkbox"/> Biological <input checked="" type="checkbox"/> Chemical <input type="checkbox"/> Others	
C. WWTP Detail			
1. Date Installed		2010	
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
Approx. 1 meter from catch basin			
		<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 checked="" type="checkbox"/> Primary Treatment <input checked="" 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"/> Trickling Filter <input type="checkbox"/> Oxidation/Stabilization Pond <input type="checkbox"/> Sequencing Batch Reactor <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> pH Adjustment <input checked="" 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 checked="" 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?		/		
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?			/	For application of Discharge Permit; No effluent sampling conducted
	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:

- The facility is not operational during the time of monitoring. Poultry are expected to arrive this October.
- Cleaning of the facility is done every after 32nd-35th day (when there are no poultry in the facility) and lasts for about 10 days. During the 10 days cleaning of the facility, approximately 30 drums or 6000L of water is consumed.
- The facility has 2 existing poultry house and each has a drainage canal surrounding it for the wastewater. The drainage canal discharges into a catch basin, but during the cleaning process, wastewater flow volume is large thus it flows directly into the nearby land. The chlorination process is done in the catch basin.
- No ECC billboard is observed in the facility.
- The establishment is operating without a valid Discharge Permit (DP).



Figure 1. Two existing poultry houses



Figure 2. Drainage canal surrounding a poultry house



Figure 3. Catch basin

Remarks and Recommendation:

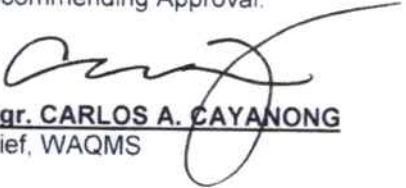
- ✓ To advise the proponent to install an ECC billboard.
- ✓ For issuance of Notice of Violation for operating without a valid Discharge Permit which is in violation of Sec. 27 Par. C of RA9275 "The Philippine Clean Water Act of 2004".

List of Documents Reviewed: ECC


Prepared by:


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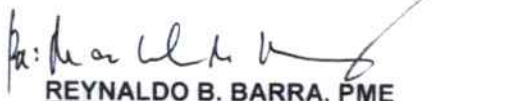
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Noted:


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