



## SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



## ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: \_\_\_\_\_

Date of Survey/Inspection: January 13, 2022Mission Order No.: EMBR8-2022-003167**1. GENERAL INFORMATION**Name of Establishment: **Rehab of a Town Public Market – LGU Llorente, Eastern Samar**Address: **Brgy.7, Pob. Llorente, Eastern Samar**Geo Coordinates: **11.41369 N, 125.54551E**Nature of Business: **Public Market**PSIC Code: **OC1**Product: **Wet products and Dry goods**Year Established: **2008 (Rehabilitated)**Operating hours/day: **15**Operating days/week: **7**Operating days/year: **365**

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Name of Managing Head:	<b>Mariano Rolando Bormate ( Market Administrator)</b>	
Name of PCO:	<b>None</b>	
PCO Accreditation No.:	<b>N.A no PCO yet</b>	Date of Effectivity: <b>N.A</b>
Phone/Fax:	<b>0977801679/ 09069108587</b>	Email: <b>None</b>

**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 **Survey inspection on Water Quality Management**

Name of Contact Person

**Mariano Rolando Bormate**

Position / Designation

**Market Administrator**



### 3. COMPLIANCE STATUS

#### 3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	none		
	ECC2			
RA 6969	DENR Registry ID			
	PCL Compliance Certificate			
	CCO Registry	none		
	Permit to Transport			
RA 8749	POA No.	none		
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.	none		

#### 4. Water Supply and Wastewater Generation

##### A. Water Sources

Sources of Water Supply	Daily (m <sup>3</sup> /day)	Annual (m <sup>3</sup> /day)	Specify if Others
Surface water (river, lakes, etc.)			
Groundwater	4	1,460	
Water utilities			
Others (specify)			

##### B. Wastewater Sources

Water Use / Sources of Wastewater	Consumed (m <sup>3</sup> /day)	Generated (m <sup>3</sup> /day)	Specify if Others
Process Water			
Domestic Water	2	2	
Cooling Water			
Maintenance	2	2	
Storm drain			
Others (specify)			

##### C. Quality of Abstracted Water (NOT CONDUCTED)

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 Septic Tank <input type="checkbox"/> No		
B. What type of WWTP?	<input type="checkbox"/> Physical <input checked="" type="checkbox"/> Biological <input type="checkbox"/> Chemical <input type="checkbox"/> Others		
C. WWTP Detail			
1. Date Installed	Not determined		
2. Design Capacity	Not determined		
3. Cost of WWTP	Not determined		
4. Annual Maintenance Cost (Php/year)	Not determined		
5. Location of Discharge Point(s)	Receiving Water Body	Classification of Water Body	
Septic Tank	N.A	N.A	
	<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 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>B. Condition of the WWTP</b>			
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?			
4. Which System or units are under construction or being modified?			
5. Estimated date of completion			
6. Treatment units utilized to treat wastewater			

<b>Water Quality Field Data ( Not Conducted)</b>						
<b>Sampling Point No. 1</b>						
<b>Sampling Station</b>			<b>Sampling Time:</b>			
<b>Type of Sample</b>						
<b>Result Analysis</b>						
Parameter	Value	Unit	DENR Effluent Standards	Compliant		Remarks
				Yes	No	


<b>III. SUMMARY OF FINDINGS</b>					
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		/		



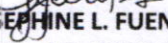
DAO 2005-10 Rule 14.6	Certificate or Certificate of Non-Coverage?				
	6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable?		/		
	7. Has the establishment designated or appointed a PCO?		/		
	8. Does the establishment use its effluent for Agricultural Purposes?		/		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.			/	

<b>Other Observations:</b>
<ul style="list-style-type: none"><li>- The establishment was operational at the time of monitoring</li><li>- Absence of Discharge Permit for domestic wastewater generated and its controlled facility. No application of DP was lodged online.</li><li>- Wastewater generated comes from comfort rooms and washing/cleaning of wet products such as meat and fishes.</li><li>- Absence of a Pollution Control Officer.</li></ul>
<b>Remarks and Recommendation:</b>
<ul style="list-style-type: none"><li>- For the establishment to secure Discharge Permit</li><li>- For the establishment to designate a PCO</li><li>- For the issuance of Notice to Comply.</li></ul>
<b>List of Documents Reviewed:</b>

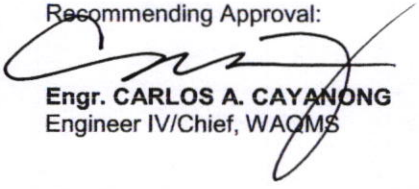
Submitted by:

  
**GINNALYN A. ESPOSA**  
EMS I

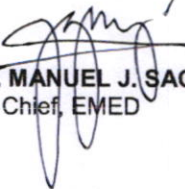
Reviewed by:

  
**JOSEPHINE L. FUENTES**  
SEMS, OIC- PEMO ES

Recommending Approval:

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

Approved:

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

Noted:


  
**ENGR. REYNALDO B. BARRA**  
OIC-Regional Director



PHOTO DOCUMENTATION:



Llorente Public Market, located at Brgy. 07, Llorente, Eastern Samar



Comfort rooms inside the public market



Septic tank for the wastewater generated from The market



