



SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: WS-04-10Date of Survey/Inspection: **April 16, 2021**Mission Order No.: **EMBR8-2021-005238****1. GENERAL INFORMATION**

Name of Establishment: Construction for the Development of Water Supply		
Address: Tomas Oppus, Southern Leyte		Geo Coordinates: 10.295865° N, 124.935066° E
Nature of Business: Potable Water System		
PSIC Code: 3600	Product:	Year Established: 2016
Operating hours/day: 24	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:	Mayor Jessica Marie E. Pano	
Name of PCO:	Engr. P. Bano	
PCO Accreditation No.:	NONE	Date of Effectivity: N/A
Phone/Fax:	09365657556	Email: lgutomasoppus2019@gmail.com

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"/>	<input type="checkbox"/>
<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"/>

☒ 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	Engr. P. Bano
Position / Designation	Waterworks Section

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-R08-1012-0174	12/17/2010	
	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 (m ³ /day)	Annual (m ³ /day)	Specify if Others
Surface water (river, lakes, etc.)			
Groundwater			
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			
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 type="checkbox"/> Yes <input type="checkbox"/> No	
B. What type of WWTP?		<input type="checkbox"/> Physical <input type="checkbox"/> Biological <input type="checkbox"/> Chemical <input type="checkbox"/> 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 <input type="checkbox"/> Flow Meter	Other (specify)
6. Flow Metering Device Use			
7. Flow Rate NO DATA		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 N/A			
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?			✓	

DAO 2005-10 Rule 14.6	4. Has the establishment submitted Pollution Prevention/Environmental Management System Plan or Program?	✓			INCLUDED IN THE EIA SUBMITTED
	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?		✓		
	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.			✓	

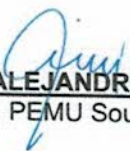
Other Observations:

- The project is operational during the time of inspection.
- Underground source of water extracted through water pumping.
- No potential toxic and hazardous water waste discharge during backwashing/cleaning activity.

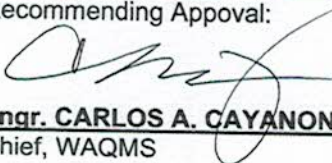
Remarks and Recommendation:

- The project may not secure Wastewater Discharge Permit since no potential toxic and hazardous wastewater produced during the production of potable water supply and in cleaning operations.
- It is hereby recommended to exempt said undertaking from securing wastewater discharge permit for reasons aforesated and EIA monitoring shall be sustained thus to ensure public safety.

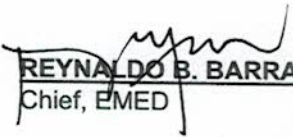
Submitted by:


For. ALEJANDROQUE G. MACATIGUE
Head, PEMU Southern Leyte


Recommending Approval:


Engr. CARLOS A. CAYANONG
Chief, WAQMS

Approval:


REYNALDO B. BARRA, PME
Chief, EMED

Noted:


LETECIA R. MACEDA
Regional Director

