
	ENVIRONMENTAL MANAGEMENT BUREAU REGION 8 SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT	
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ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: _____
Date of Survey/Inspection: **February 15, 2022**
Mission Order No.: **EMBR8-2022-005175**

1. GENERAL INFORMATION		
Name of Establishment: Bantay Dagat Watchtower		
Address: Brgy. Molopolo, Macrohon, Southern Leyte		Geo Coordinates: 10.03093°N, 125.01888 °E
Nature of Business: Office Building		
PSIC Code: 41002	Product:	Year Established: 2009
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:		Hon. Allan Jose K. Arong
Name of PCO:		Leonardo Monter, Jr.
PCO Accreditation No.:	None	Date of Effectivity: N/A
Phone/Fax:	(053)589-0284	Email: macrohon@outlook.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 <input type="checkbox"/> PMPIN Application <input type="checkbox"/> Hazardous Waste ID Registration <input type="checkbox"/> Hazardous Waste Transporter Registration <input type="checkbox"/> Hazardous waste TSD Registration <input type="checkbox"/> Permit to Operate Air Pollution Control Installation <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Others _____	New <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Renewal <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <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	Leonardo Monter, Jr.
Position / Designation	Marine Park Manager

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-R08-0906-071-5010	07/17/2009	
	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?

☒ Yes
☐ No

B. What type of WWTP?

☐ Physical
☒ Biological
☐ Chemical
☐ 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	Other (specify) NONE
6. Flow Metering Device Use	<input type="checkbox"/> Flow Meter	
7. Flow Rate NO DATA	Influent	Effluent

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. 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	N/A

Water Quality Field Date						
Sampling Point No. 1						
Sampling Station	No Data			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?			✓	
	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?			✓	

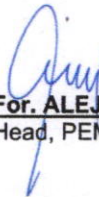
h. Does the plan highlight the design considerations, systems operation, treatment/monitoring of soil, crops, effluent and groundwater before/after irrigation? Such requirements shall be in addition to Section 14.2.			✓	
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Other Observations:
<ul style="list-style-type: none">➤ The establishment is operational during the time of inspection➤ The area occupied by the tower is approximately 64 m² with gross floor area of less than 1 hectare. EMB MC 2014-05 requires a building to have at least 1 hectare to be required of an Environmental Compliance Certificate(ECC).➤ Only four personnel manning the building
Remarks and Recommendation:
<ul style="list-style-type: none">➤ For ECC Cancellation since the project is already not within the purview of PD 1586.
List of Documents Reviewed: ECC-R08-0906-071-5010

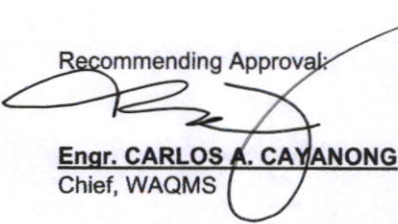


Submitted by:

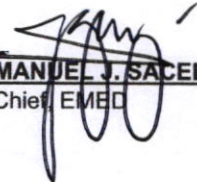

ZEUS BRYAN B. LORETO
EMS II


For. ALEJANDROQUE G. MACATIGUE
Head, PEMU Southern Leyte

Recommending Approval:


Engr. CARLOS A. CAYANONG
Chief, WAQMS

Approval:


For. MANUEL J. SACEDA, Jr.
OIC-Chief, EMED

Noted:


REYNALDO B. BARRA, PME
OIC-Regional Director





DISPOSITION FORM

Doc. Date : February 14, 2022

IIS No. : R8-2022-006305

Company Name : BANTAY DAGAT WATCH TOWER

Subject / Title : Water Survey Report - Bantay Dagat Watch Tower (Molopolo, Macrohon, So. Leyte)

TO: All Officials/Personnel Concerned:

Please accomplish and route this properly with the corresponding attached communication/documents. The Official or employee in-charge to whom this document is routed shall act promptly and expeditiously without discrimination as prescribed in the SECSIME or within fifteen (15) working days from receipt thereof, failure to do is punishable by LAW under RA 6713 and negligence to Memorandum Circular No. 44 issued by the Office of the President of the Philippines "Directing all Government Agencies and Instrumentalities, including government-owned or controlled corporations to respond to all public requests and concerns within 15 days (15 from the receipt thereof)

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BY (Official Code/ Sender Initial)	DATE (mm/dd/yy)	TO (Official Code/ Receiver Initial)	TIME (AM/PM)	ACTION REMARKS STATUS
Alejandroque G. Macatigue	02/14/2022	Ladylle B. Oledan	03:33 PM	For information/guidance/reference. revised with attached picture
Ladylle B. Oledan	02/15/2022	Niña L. Dela Cruz	09:03 AM	For initial/signature.
Niña L. Dela Cruz	02/15/2022	Janet T. Polea	02:49 PM	Pls. study / evaluate.
Janet T. Polea	02/16/2022	Zeus Bryan B. Loreto	10:58 AM	For appropriate action. Please take note of the remarks on the report.
Zeus Bryan B. Loreto	03/29/2022	Alejandroque G. Macatigue	04:31 PM	For approval. Revised report ff. Engr. Polea's evaluation
Alejandroque G. Macatigue	03/31/2022	Niña L. Dela Cruz	08:59 AM	For information/guidance/reference.
Niña L. Dela Cruz	03/31/2022	Janet T. Polea	04:45 PM	Pls. study / evaluate. Revised report for your review please
Janet T. Polea	04/04/2022	Vincent Philip A. Morastil	03:27 PM	For appropriate action. For printing.
Vincent Philip A. Morastil	04/04/2022	Carlos A. Cayanong	03:31 PM	For initial/signature.
CAV	4-5	ms	744	H
C. ENED	04/05/22	ORD		I
11	4-7-22	V. Morastil	3:03	S

Use code for comment/instruction and desired action:

- | | | | |
|--|------------------------------------|-----------------------------------|----------------------------|
| A - For information / guidance / reference | B - For comments / recommendations | C - Pls. take up with me | D - Pls. draft answer memo |
| E - Pls. appropriate action | F - Pls. immediate investigation | G - Pls. Attach supporting papers | H - Pls. for approval |
| I - For initial/signature | J - For study/evaluation | K - Pls. release/file | L - Update stat of case |

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