

Report Control Number: ___

ENVIRONMENTAL MANAGEMENT BUREAU REGION 8



SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Date of Survey/Inspection: 17 Mission Order No.: EMBR8-2		
1. GENERAL INFORMATION		
Name of Establishment: V&C	Subdivision Water Supply System	
Address: V&G Subdivision Ta		Geo Coordinates:
Nature of Business: Water Tr	eatment Plant	11.2056485°N, 124.9991859°E
PSIC Code: 36000	Product:	Year Established: 2013
Operating hours/day: 8 hours	Operating days/week: 6 days	Operating days/year:
Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
Potable water	-	30 m³/day
Westpassoren des A	of Symmetry	
Name of Managing Head:	Mactan Rock Industries, Inc. (Robin Quitat – Manager)
Name of PCO:	-	
PCO Accreditation No.:	-	Date of Effectivity:
Phone/Fax:	-	Email:
2. PURPOSE OF INSPECTION	8181	
renewals, or modificate New Renewal PMPIN Application Hazardous Waste ID Hazardous Waste Tr Hazardous waste TS Permit to Operate A Discharge Permit	Registration ransporter Registration	New Renewal
requirements Investigate community of Check status of voluntary Industrial Ecowatch Philippine Environment	commitment ental Partnership Program (PEPP)	
Wilder of Flavors Coll	Nelson Acuin	
Position / Designation	Supervisor	- over (size atv)

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law		Permits	Date of Issue	Expiry Date
DD 1500	ECC1	ECC-R08-1304-0045	05/17/2013	-
PD 1586	ECC2	-		
	DENR Registry ID	-		
D. COCO	PCL Compliance Certificate	-		
RA 6969	CCO Registry	-		
	Permit to Transport	-		
RA 8749	POA No.	-		
RA 9003	ECC for Sanitary Landfill	-		
RA 9275	DP No.	-		

RA 92/5 DP NO.	oration	_			
4. Water Supply and Wastewater Gen	eration				
A. Water Sources	T = /	24.		3	12 22 22 2
Sources of Water Supply	Daily (m	o'/day)		Annual (m³/day)	Specify if Others
Surface water (river, lakes, etc.)					
Groundwater		30		10, 950	
Water utilities					
Others (specify)					
B. Wastewater Sources (Not	Applicable	e)			
Water Use / Sources of Wastewater	Consum	ed (m ³ /c	lay)	Generated (m³/day)	Specify if Others
Process Water					
Domestic Water					
Cooling Water					
Maintenance (washing)		4	***************************************	4	Raw water
Storm drain					
Others (specify)					
C. Quality of Abstracted Wat	er				
-	BOD/				
Sources of Water Supply	COD	TSS	AVFP	Heavy Metals	Specify if Others
				•	
5. Information on Wastewater Pollution	on (Not A	nnlicable	e)		
A. Does the Establishment have a Wast		☐ Ye			
Treatment Plant?	ewater				
B. What type of WWTP?		□ P	hysical iological hemical 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)		Rece	iving Wa	ter Body	Classification of Water Body
			0		classification of water body
		□ V-	-weir		Othor (or a cif.)
6. Flow Metering Device Use			ow Mete		Other (specify)
7. Flow Rate		Influe			Others (specify)
					others (specify)

A. Con	nponents of	WW	P (Not App	olicable)						
Primary			ological					mical		Others
☐ Screening			Activated Sludge					pH Adju	stment	
Primary Trea	atment		Anaerobic Digestion					Disinfed	tion	
☐ Grit Remova	al		Tricking Filter					Oxidatio	on/Reduction	
☐ Oil/Water S	eparator		Oxidation/Stabilization Po			nd	니님	Floccula	ntion/Coagulati	on
☐ Equalization	Tank		☐ Sequencing Batch Reactor					Others	(specify)	
Others (spec	cify)		Others (sp	ecify)						
B. Con	dition of the	e WW	/TP (Not Ap	plicable)						
1. What is the g				-	Prop	perly r	naintai	ined		
during sampling				Ī	_			aintaine	d	
	,			[tenan			
				[Oth					
2. Is the WWTP	under cons	tructio	on or under	going	Yes					
rehabilitation?	under com	ci deci	on or under		∃ No					
3. If the answer	ric No. 2 is V	FS h	oc thic heen		140					
reported to EM		LJ, He	as uns been							
4. Which Syster		o uno	lor construe	tion						
		e una	ler construc	.tion						
or being modifi		- hi								
5. Estimated da										
6. Treatment u	nits utilized	to tre	at wastewa	ter						
Water Quality		(Not	Applicable)						
Sampling Point										
Sampling Statio	on						Sam	pling Ti	me:	
Type of Sample	2									
Result Analysis										
				DENR E	ffluent		Com	pliant		
Parameter	Value		Unit	Standar	rds		Yes		No	Remarks
							-		1	
Trans.										
III. SUMMARY	OF FINDING	S								
Legal	Complian	o Ros	quirements			Com	pliant		Remarks	
Reference	Compilant	ic nec	quirements			Υ	N	N/A	Remarks	
			blichmont	cubmitte	d turo	-	IN	IV/A		
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DAO 2005-10	1. Has the									
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DAO 2005-10 Rule 14.1	notarized application	cop n form	pies of n?	accompl	lished					
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	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?		/		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.			/	

Other Observations:

- The Water Supply System Plant of Mactan Rock Industries in V&G Subdivision are all operational. As per Supervisor, the Plant production capacity is 30 m³ per day.
- The Water Supply System Plant has the following process: raw water is extracted from deep well and flows through a multimedia filtration then to the bag filter and then passes through reverse osmosis before stored in reservoir tank.
- Washing of the multimedia filtration is done daily. Only raw water is passed through this tank. Hence, very minimal sludge (filtered solids) is washed during cleaning. No wastewater treatment facility installed to contain this wastewater. Likewise, no discharge permit lodged thru the online system yet.
- No comfort rooms provided in the area.
- · No generator set is likewise provided.
- ECC signboard was posted at the entrance of the Plant.
- · Compliance Monitoring Report is for submission online.
- No payment made yet as to the penalties imposed per Decision received for NOV issued last November 27, 2020.

Remarks and Recommendation:

- The Plant is to install a wastewater treatment facility to contain wastewater generated during washing of the process equipment.
- To pay the penalty as imposed per received Decision.
- · To submit the required CMR online.
- · To designated a Pollution Control Officer

List of Documents Reviewed:

ECC Copy

Submitted by:

LEDANE JOY LAURENTE

Approval:

FOR. MANUEL J. SACEDA, .

Recommending Approval:

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

Noted:

OIC Regional Director



Republic of the Philippines Department of Environment and Natural Resources ENVIRONMENTAL MANAGEMENT BUREAU Regional Office No. VIII

DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City



DISPOSITION FORM

Doc. Date : March 22, 2022

Company Name: ENVIRONMENTAL MANAGEMENT BUREAU -

IIS No. : R8-2022-009026

REGION VIII (EASTERN VISAYAS)

Subject / Title: Survey Report WATER - V&G Water Supply System (Mactan Rock Industries, Inc.) Tacloban City

TO: All Officials/Personnel Concerned:

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D - Pls. draft answer memo

E - Pls. appropriatte action

F - Pls. immediate investigation

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