#### **ENVIRONMENTAL MANAGEMENT BUREAU REGION 8**



# SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: WS - 09 - 09
Date of Survey/Inspection: August 20, 2021
Mission Order No.: EMBR8-2021-013013

1. GENERAL INFORMATION					
Name of Establishment: Level	III Water Supply System & Distrib	ution System (Pil	ipinas Water Resources, Inc.)		
Address: Brgy. Triana & Cabul	lihan, Limasawa, Southern Leyte	Geo Coordinates: 9.91684° N, 125.07304° E			
Nature of Business: Potable W	Vater Distribution System				
PSIC Code: 3600	Product:	Year Established: 2014			
Operating hours/day: 24	Operating days/week: 7	Operating days/	/year: <b>365</b>		
Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Pro	oduction Rate (unit/day)		
Name of Managing Head:	Mayor Melchor P. Petracorta				
Name of PCO:	Engr. Rodel O. Cortel				
PCO Accreditation No.:	None	Date of Effectivi	ty: N/A		
Phone/Fax:	0905-772-8370	Email: None	· ·		
2. PURPOSE OF INSPECTION					
Verify accuracy of informapplications, renewals.	mation submitted by the establish	ment pertaining	to new permit		
New Renewal	or mounication	New	Renewal		
PMPIN Application		П	П		
Hazardous Waste ID	Registration				
Hazardous Waste Tra	ansporter Registration				
Hazardous waste TSI	O Registration				
Permit to Operate Ai	r Pollution Control Installation		□		
Discharge Permit					
Others					
Requirements	tus with the environmental regul	ations, permit co	nditions, and other		
☐ Investigate community cor	mplaints				
☐ Check status of voluntary of	commitment				
Industrial Ecowatch					
	ental Partnership Program (PEPP)				
Pollution Adjudicatio	n Board (PAR)				
Others	Journal (1 Ab)				
Others	New American Const.				
Name of Contact Person	Engr. Rodel O. Cortel				

Position / Designation

**Municipal Engineer** 

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

<b>Environmental Law</b>			Permit				of Issue	Expiry Date	
DD 1506	ECC1 EC		ECC-R08-	C-R08-0905-042-4300			1/2009		
PD 1586	ECC2								
	DENR Regist	ry ID							
	PCL Complia	nce							
RA 6969	Certificate								
NA 0303	CCO Registry	,							
	Permit to								
	Transport								
RA 8749	POA No.								
	ECC for Sanit	tary							
RA 9003	Landfill								
RA 9275	DP No.								
4. Water Supply and		Generatio	n						
A. Water Source	es								
Sources of Water Sup		Daily (m	<sup>3</sup> /day)		Annual (m <sup>3</sup> /	day)	Specify if	Others	
Surface water (river,	lakes, etc.)								
Groundwater									
Water utilities									
Others (specify)									
B. Wastewater	Sources								
Water Use / Sources	of								
Wastewater		Consum	ed (m <sup>3</sup> /c	day)	Generated (	m³/day)	Specify if	Others	
Process Water									
Domestic Water									
Cooling Water									
Maintenance									
Storm drain							1		
Others (specify)									
C. Quality of Ab	stracted Water	er					1		
		BOD/	T	1			T		
Sources of Water Supply		COD	TSS	AVFP	Heavy Metals		Specify if	Others	
								Cincis	
				1					
5. Information on Wa	astewater Poli	ution N							
A. Does the Establishr	ment have a W	/astewate	er Y	es					
Treatment Plant?			□No						
		ПР	☐ Physical						
			□ Bi	Biological					
B. What type of WWT	.b5		Chemical						
				thers					
C. WWTP Detail									
1. Date Installed			T						
2. Design Capacity									
3. Cost of WWTP			-						
. Annual Maintenanc	e Cost (Php/ve	ear)	+						
. Location of Discharg			Reco	iving Wa	ter Body		Classifi		
	(-)		Hece	.viiig vva	cer body		Classificatio	n of Water Body	
			- 1			- 1			

6. Flow Metering Device Use

☐ Flow Meter

☐ V-weir

Other (specify)

. Flow Rate NO DATA		Infl	luent	nt Effluent			Others (spe	ecify)		
A C		f \M	NA/TD							
A. Comp						C	Chemical			Others
Screening			Activated	d Sludge			ph Adj	ustment		
	atman			ic Digestion			Disinf	ection		
Primary Tre										
Grit Remov	al		☐ Tricking	Filter				tion/Reduct		
Oil/Water S	Separa	tor	Oxidatio	on/Stabilization	Pond		☐ Flocculation/Coagulation			
☐ Equalizatio	n Tank		☐ Sequenc	ing Batch React	actor					
Others (spe	ecify)		Others (	specify)		-			_	
B. Cond	lition	of the V	WWTP		-					1
1. What is the				e WWTP	Properly	Mainta	ined			
during sampl		rui con	artion or tr							
0-2	3				Inadequa	itely m	aintaine	ed		
					Poor Ma	intenar	nce			
					Others					
2. Is the WW	TP une	der con	struction o	r	Yes					
undergoing r					No					
3. If the answ										
reported to E										
4. Which Syst	tem o	units a	are under							
construction	or bei	ng mod	dified?							
5. Estimated										
6. Treatment	units	utilized	to treat							
wastewater										
Water Qualit	y Fiel	d Date								
Sampling Poi	int No	. 1	and the same of							
Sampling Sta		No Da	ata			Sam	pling T	Time:		
Type of Sam	ple									
Result Analy	sis									
				DENR Efflu	ent	Com	pliant			
Parameter	Val	ue	Unit	Standards		Yes		No	Remai	rks
	-					-			-	
III. SUMMAR	Y OF	INDIN	GS							
Legal	Com	pliance	Requirem	ents	Com	pliant		Remark	cs	
Reference					Y	N	N/A			
DAO 2005-				ment submitte			1			
10 Rule				of accomplished	ed					
14.1		cation					1			
DAO 2005-				ment submitte			1			
10 Rule 14.2				Plan Drawing						
14.2		and the second second		as standard size						
	sheet and in accordance with engineering practice?			ance with 800	,u					

	3. Has the establishment submitted			1	
	water quality analysis of abstracted				
	water and the appropriate bills?				
	4. Has the establishment submitted	1			
	Pollution Prevention/Environmental				
	Management System Plan or Program?				
	5. Has the establishment submitted	1			
	copy of the Environmental Compliance				
	Certificate or Certificate of Non-				
	Coverage?				
	6. Does the establishment have a DENR	1-2-1	1		
	ID Number as hazardous waste				
	generator, as applicable?				
	7. Has the estabishment designated or	1			
	appointed a PCO?				
AO 2005-	8. Does the establishment use its		1		If yes, proceed to succeeding items
Rule	effluent for Agricultural Purposes?				,, p
	a. Has the establishment submitted			1	
4.6					
	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			1	
	proof that wastewater to be used for				
	land application does not contain toxic				
	or substances (as defined in RA 6969)?				
				1	
				1	
	wastewater applied for agricultural				
	purposes directly or indirectly seep or		1		
	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			1	
	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			1	
	application only during periods of low				
	surface water flow to enhance loading				
	limits compliance?				
	f. Has the establishment submitted			1	
	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			1	
	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 was completed and operational. It was undertaken by the Local Government Unit of Limasawa instead of Pilipinas Water Resources, Inc.
- > No potential toxic and hazardous waste water discharge during the cleaning activity.

## **Remarks and Recommendation:**

- > The project proponent may not secure wastewater discharge permit since there is no potential wastewater produced during its operation.
- > Constant EIA monitoring shall be sustained in order to ensure environmental and public health safety.
- > Transfer of ECC ownership since the project is already operated by LGU Limasawa.

List of Documents Reviewed: ECC-R08-0905-042-4300

Submitted by:

Engr. ZEUS BRYAN B. LORETO

EMS II

Recommending Approval:

Engr. CARLOS A. CAYANONG

Chief, WAQMS

Approval:

For. MANUEL J. SACEDA, Jr.

Head, PEMU Southern Leyte

For. ALEJANDROQUE G. MACATIGUE

OIC-Chief, EMED

Noted:

Engr. REYNALDO B. BARRA





#### 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: September 26, 2021

: R8-2021-015417 IIS No.

Company Name: LGU LIMASAWA

Subject / Title: Water Survey

#### TO: All Officials/Personnel Concerned:

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Alejandroque G. Macatigue	09/27/2021	Ladylle B. Oledan	07:25 AM	For information/guidance/reference.			
Ladylle B. Oledan	09/27/2021	Niña L. Dela Cruz	12:14 PM	For information/guidance/reference.			
Niña L. Dela Cruz	09/29/2021	Carlos A. Cayanong	09:05 AM	For initial/signature.			
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B - For comments / recommendations

C - Pls. take up with me

D - Pls. draft answer memo

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F - Pls. immediate investigation

G - Pls. Attach supporting papers

H - Pls. for approval

I - For initial/signature

J - For study/evaluation

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