

Republic of the Philippines
ENVIRONMENTAL MANAGEMENT BUREAU
MIMAROPA REGION
ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION
WATER AND AIR QUALITY MANAGEMENT SECTION

Annex A-3

COMPLIANCE INSPECTION REPORT FOR WATER QUALITY MANAGEMENT

Report Control Number:

Date of Inspection: August 17, 2021, 9:43 A.M.

1. GENERAL INFORMATION

Name of Establishment:	BACKYARD PIGGERY FARM	
Address:	Barangay Kilo-Kilo, Sta. Cruz, Marinduque	Geo Coordinates:
Nature of Business:	Livestock	13°26'14"N, 121°59'34"E
PSIC Code: 014	Product: Fattening and disposal of live hog/pig	Year Established: May 2021
Operating hours/day:	Operating days/week:	Operating days/year:

Product Lines	Production Rate as Declared in the ECC (Unit/day)	Actual Production Rate ¹ (Unit /day)
Fattening and disposal of live hog/pig	N/A	As of inspection date, the piggery farm has total of 28 heads of live hogs/pigs

Name of Managing Head:	Ms. Rosela Rodas	
Name of PCO:	None	
PCO Accreditation No.:		Date of Effectivity:
Phone/ Fax:		Email:

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 <input type="checkbox"/> Renewal	New	Renewal
<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"/>
<input type="checkbox"/> Determine compliance status with environmental regulations, permit conditions, and other requirements		
<input checked="" 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)		

_____ Pollution Adjudication Board (PAB)	
_____ Others _____	
<input type="checkbox"/> Others _____	

Name of Contact Person	Ms. Rosela Rodas
Position / Designation	Owner

3. COMPLIANCE STATUS

3.1. DENR Permits/Licenses/Clearances

Environmental Law	Permits	Date of Issue	Expiry Date
PD 1586	ECC	N/A	
RA 6969	DENR Registry ID	N/A	
	PCL Compliance Certificate	N/A	
	CCO Registry	N/A	
	Permit to Transport	N/A	
RA 8749	PO No.	N/A	
RA 9003	ECC for Sanitary Landfill	N/A	
RA 9275	Discharge Permit No.	NONE	

A. Water Sources :			
Sources of Water Supply	Daily (m ³ /day)	Annual (m ³ /year)	Specify if Others
Surface water (rivers, lakes, etc.)			
Groundwater (deep well)	No data	No data	
Water Utilities			
Other (specify)			
B. Wastewater Sources:			
Water Use / Sources of Wastewater	Consumed (m ³ /day)	Generated (m ³ /day)	Specify if Others
Process water	No data	No data	
Domestic wastewater	No data	No data	
Cooling water	No data	No data	
Maintenance	No data	No data	
Storm drain	No data	No data	
Others (specify)			

C. Quality of Abstracted Water							
Sources of Water Supply	BOD/ COD	TSS	AVFP	Heavy Metal			Specify if Others
Groundwater (deep well)	No data	No data	No data	No data	No data	No data	

5. Information on Wastewater Pollution:			
A. Does the establishment have a Wastewater Treatment Plan (WWTP)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
B. 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 (Php)		-	
4. Annual Maintenance Cost (Php/year)		-	
5. Location of Discharge Point(s)		Receiving Water Body	Classification of Water Body
		None; Land discharge	N/A
		<input type="checkbox"/> V-weir	Other (specify)
6. Flow Metering Device Use		<input type="checkbox"/> Flow Meter	
		None	
7. Flow Rate		Influent	Effluent
		No data	No data
		Others (specify)	
D. 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"/> Trickling Filter <input type="checkbox"/> Oxidation/ Stabilization Batch <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)	
E. Condition of the WWDP			
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 in No. 2 is Yes, has this been reported to EMB/LLDA?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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 :						
<i>Sampling Point No. 1</i>						
Sampling Station				Sampling Time:		AM/PM
Type of sample						
Results Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant?		Remarks
				Y	N	
Water Quality Field Date						
<i>Sampling Point No. 2</i>						
Sampling Station				Sampling Time:		AM/PM
Type of sample						
Results Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant?		Remarks
				Y	N	

Information Summary of the previous or recent inspection/sampling:

Date of sampling:						
Sampling Station				Sampling Time:		AM/PM
Type of sample						
Results Analysis						
Parameter	Value	Unit	DENR Effluent Standards	Compliant?		Remarks
				Y	N	

III. SUMMARY OF FINDINGS

Legal Reference	Compliance Requirements	Compliant			Remarks
		Y	N	N/A	
DAO 2005-10 Rule 13.1	1. Does the establishment pay the required wastewater charge?		✓		Based on record as of inspection date, the said backyard piggery farm has no valid Discharge Permit
DAO 2005-10 Rule 14.1	2. Does the establishment have discharge permit?		✓		do
DAO 2005-10 Rule 14.5	3. Does the establishment pay the required discharge permit fee?		✓		do
DAO 2005-10 Rule 14.9	4. Is the permit available and valid?		✓		do

DAO 2005-10 Rule 14.11	5. Do the discharge points correspond to those declared in the discharge permit?				Based on record as of inspection date, the said backyard piggery farm has no valid Discharge Permit
	6. Is the volume discharge within the allowable volume declared in the discharge permit?				do
	7. Is the permit posted in proper area?				do
DAO 2005-10 Rule 14.16	8. Are the SMRs submitted quarterly and on time				
DAO 1990-35 Sec. 4-6	9. Are the effluent parameters compliant with the standards in DENR existing effluent standards?				Subject for effluent sampling
DAO 1990-25 Sec. 8	10. Does the establishment comply with the additional requirements started in DAO 1990-35?				
DAO 1990-35 Sec. 9	11. Are the pollution control facilities properly and continuously operated?				The installed septic tank of the piggery farm is defective and needs rehabilitation and modification.
DAO 1990-35 Sec. 10	12. Are the methods of analysis used for effluent samples in accordance with the prescribed methods of the Department?				Subject for effluent sampling
Other Requirements	13. Are the copies of water analysis reports available?				do
	14. Are the correspondences between the establishments and EMB documented?				
	15. Are the establishment's compliance violations and exceedances documented?				Subject for effluent sampling
	16. Are there any pending litigation/PAB case?		✓		
	17. Are there spill prevention contingency plan				
	18. Are there spill containment facilities available?				

Other Findings/Observations:

Be informed that a courtesy-call and coordination was made by the inspection team with the Sangguniang Barangay of Kilo-Kilo, Sta. Cruz, Marinduque to inform them regarding the complaint of Mr. Florante Rosales, and at the same time, to gather information and assistance in the conduct of inspection/investigation activity. Coordination was also made with the family of the complainant who is living nearby, but the house was closed and have no response from anybody in our call.

At the course of the inspection/investigation, the owner, Ms. Rodas, welcomed us and very much cooperative by giving all the details and herewith are the findings/observations, to wit:

1. The backyard piggery farm is located within the property of the owner. It is located in an agricultural area, in a hill, with an elevation of about 50 meters from the provincial road and has an estimated aerial distance of 200 meters, NNW, from the residential house of the complainant, Mr. Florante Rosales. It was also noted that there has no creek or river in the area as stated by the complainant, but a small gulley wherein rainwater was flowed down when raining.
2. Based on the information revealed by the owner, the operation of her backyard piggery was started only three (3) months ago wherein she has been encouraged by the program of the Department of Agriculture and also provided capital through loan from a certain entity which she refused to name.
3. As of inspection date, the farm has one (1) piggery building with an estimated area of 50 sq.m. wherein a total of 28 heads of live hogs/pigs are being kept. According to the owner, 19 of them are over-grown and due for disposal. However, disposal of the livestock is very much challenging considering that there has no market or interested buyer to be able to contact due to the effect of COVID-19 disease pandemic and IATF guidelines/restrictions since that the province is under GCQ.
4. Further, it was observed that there has a pit, wherein the location of the proposed septic tank is to be built according to the owner.
5. It was also noticed that an impounding or containment pond for the wastewater/effluent of the piggery was presence. According to the owner, it was their former small fishpond for "*tilapia*" with an estimated area of 30 sq.m. However, the pond has an opening which caused the draining of the wastewater/effluent of the piggery being complaint by Mr. Rosales.

Remarks and Recommendations:

Be informed that the inspection/investigation activity of the inspection team was being assisted/represented by LGU-Kilo-kilo, Sta. Cruz, Marinduque namely: Brgy. Kag. Calixto Javier and BHW Salud Ampeloquio. Also, copy of the complaint was also furnished and received by LGU-Kilo-kilo for reference.

Based on the above findings/observations, the owner of the backyard piggery farm violates certain provision of RA 9275 and its IRR, to wit:

- I. **Rule 27.1 a), Chapter 5, Civil Liability/Penal Provisions of DAO 2005-10, IRR of P.D. 9275 otherwise known as "The Philippine Clean Water Act of 2004" – "Discharging, depositing or causing to be deposited materials or any kind directly or indirectly into the water bodies or along the margins of any surface water, where, the same shall be liable to be washed into such surface water, either by tide action or by storm, floods or otherwise, which could cause water pollution or impede natural flow in the water body;": and**
- II. **Rule 27.1 c), Chapter 5, Civil Liability/Penal Provisions of DAO 2005-10, IRR of P.D. 9275 otherwise known as "The Philippine Clean Water Act of 2004" – "Operating facilities that discharge regulated water pollutants without the valid required permits or after the permit was revoked for any violation of any condition therein;"**

As mentioned by the owner, the operation of her backyard piggery was started only three (3) months ago wherein she has been encouraged by the program of the Department of Agriculture and also provided capital through loan from a certain entity which she refused to name. However, due to certain challenges and overhead expenses being experienced, she has hesitation if they can sustain its operation considering that this is their only source of livelihood, as a family willing to survive in this unique situation. The owner is also praying not to be penalized and committed to comply whatever the recommendations of our office.

As an initial step, the inspection team recommends the owner to seal the opening wherein it was immediately done. Also, the owner committed to add additional height (sacks of soil) of the levee of the pond and to revive its former small fishpond.

As of this date and per official monitoring report released by the Provincial Health Office – Provincial Epidemiology and Surveillance Unit, Province of Marinduque, the province which is under GCQ has a total of 1,327 confirmed COVID-19 disease cases, with 235 active cases, 56 confirmed deaths/casualties.

In view hereof, this office recommends either the issuance of Notice of Violation or letters strictly reminding the owner to adhere the certain provisions of RA 9275 and its IRR, whichever is applicable. It is also recommended that effluent/wastewater sampling must be scheduled, if necessary, due to travel time issue, holding time of the effluent sample and its parameters considering that the complaint backyard piggery is located in a remote area (which is near Marcopper and may consumed many hours back and forth), and including IATF quarantine issuance.

List of Documents Reviewed:

- Received copy of the complaint by LGU-Kilokilo, Sta. Cruz, Marinduque

Submitted by:



ROLANDO Z. CAPISTRANO

Senior EMS/Chief, EMS-Marinduque

Date Submitted: August 17, 2021



JONATHAN M. MOTOL

Environmental Monitoring Officer

Date Submitted: August 17, 2021

Reviewed by:

Unit Headrea 1

Recommending Approval/Noted by:

Chief, WAQMS

Approved by/Noted by:

Chief, EMED

PICTURES/DOCUMENTATION TAKEN ON AUGUST 17, 2021
RE: INSPECTION/INVESTIGATION ON THE COMPLAINT OF MR. FLORANTE ROSALES (PIGGERY IN MARINDUQUE)



Be informed that a courtesy-call and coordination was made by the inspection team with the Sangguniang Barangay of Kilo-Kilo, Sta. Cruz, Marinduque to inform them regarding the complaint of Mr. Florante Rosales, and at the same time, to gather information and assistance in the conduct of inspection/investigation activity. Also, copy of the complaint was also furnished and received by LGU-Kilo-kilo.



Coordination was also made with the family of the complainant who is living nearby, but the house was closed and have no response from anybody in our call.



At the course of the inspection/investigation, the owner, Ms. Rosela Rodas (wearing red shirt), welcomed us and very much cooperative by giving all the details.



As of inspection date, the farm has one (1) piggery building with an estimated area of 50 sq.m. wherein a total of 28 heads of live hogs/pigs are being kept. According to the owner, 19 of them are over-grown and due for disposal.



It also was observed that there has a pit, wherein the location of the proposed septic tank is to be built according to the owner.



It was also noticed that an impounding or containment pond (blue arrow) for the wastewater/effluent of the piggery was present. According to the owner, it was their former small fishpond for "tilapia" with an estimated area of 30 sq.m. However, the pond has an opening (red arrow) which caused the draining of the wastewater/effluent of the piggery being complained by Mr. Rosales.



As an initial step, the inspection team recommends the owner to seal the opening (yellow arrow) wherein it was immediately done. Also, the owner committed to add additional height (sacks of soil) of the levee of the pond and to revive its former small fishpond.

Fwd: LETTER OF COMPLAINT(PIGGERY IN MARINDUQUE)

From: Michael Drake Praxedes (amand1128@yahoo.com)
To: rc225@yahoo.com
Date: Monday, August 16, 2021, 05:55 PM GMT+8

Please conduct an inspection tomorrow and submit a report on the complaint ASAP. Also conduct water sampling of its effluent and the creek where it discharges its wastewater.

Atty. Michael Drake P. Matias
Regional Director
Environmental Management Bureau-
MIMAROPA
DENR

Subject: Fwd: LETTER OF COMPLAINT(PIGGERY IN MARINDUQUE)

Tita O / RD Mike,

Please handle this ASAP. Florante is from DZRH so kindly have this acted on ASAP. Thank you

Mitch

August 16, 2021

Hon. MITCH CUNA
Undersecretary
DENR
Elliptical road, Quezon city

Dear Usec. Cuna :

Ako po si FLORANTE R. ROSALES, residente ng Barangay Kilo-kilo, Sta. Cruz, Marinduque at kasalukuyang Media Relations Officer ni Senador Imee R. Marcos.

Sumulat po ako sa inyong tanggapan para ireklamo ang nakakasulasok at mabahong amoy ng babuyan sa aming Barangay na pumipinsala sa sapa at ilog na pinagkukunan ng inumin, panglaba at tubig sa palaisdaan.

Ang babuyan ay pagma-may-ari ni Mylene Reyes at mag-asawang Diday at Keyadis Rodas ng nasabing Barangay.

Naglagay nga po sila ng impounding ng dumi pero di naman ito ginagamit at dinederekta pa rin sa sapa.

Umaasa po kami sa inyong mabilis na tugon at imbestigasyon sa pangyayaring ito at sana'y magawan ng paraan ng ating pamahalaan at kaukulang law enforcement agencies.

Maraming salamat po sa agarang aksyon.

Gumagalang,

(SIGNED)
FLORANTE R. ROSALES
Media Relations Officer
OS Imee R. Marcos

RECEIVED BY:

HILDA R. REY
KAGAWAD

Kilo-kilo Sta. Cruz Mdque
Aug. 17 2021 Time: 9:25 AM