

ENVIRONMENTAL MANAGEMENT BUREAU REGION 8



SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number:

Date of Inspection: MARCH 30, 2022

Mission Order No.: FMBR8-2022-009386/ EMBR8-2022-009386

| Mission Order No.: | MBR8-2022-009386/ EMBR8-2022- | 009386 | |
|-------------------------------|-------------------------------------|--------------------|--------------------------|
| 1. GENERAL INFORMATION | | | |
| | IMA C. INONG PIGGERY PROJECT | | |
| Address: Brgy. Puertobello, N | Merida, Leyte | Geo Coordinates | 5: |
| | | 10.984979 N, 12 | 4.517303 E |
| Nature of Business: Piggery | | | |
| PSIC Code: 014 | Product: Hogs | Year Established | : 2008 |
| Operating hours/day: 24 | Operating days/week: 7 | Operating days/ | year: 365 |
| | | | |
| Product Lines | Production Rate as Declared | Actual Pro | oduction Rate (unit/day) |
| | in the ECC (unit/day) | | |
| | | | |
| | | | |
| | | | |
| Name of Managing Head: | GEMMA C. INONG | | |
| Name of PCO: | MARIANITO ROJAS | | |
| PCO Accreditation No.: | - | Date of Effectivi | ty: |
| Phone/Fax: | (0917) 355 3003 | Email: - | |
| 2. PURPOSE OF INSPECTION | | | |
| ☐ Verify accuracy of inform | ation submitted by the establishme | nt pertaining to n | ew permit applications, |
| renewals, or modificat | tion | | |
| New Renewal | | New | Renewal |
| PMPIN Application | | | |
| Hazardous Waste II | | | |
| | ransporter Registration | | |
| Hazardous waste TS | | | |
| | Air Pollution Control Installation | | |
| Discharge Permit | | | |
| Others | | | |
| ☐ Determine compliance s | status with the environmental regul | ations, permit con | ditions, and other |
| requirements | | | |
| ☐ Investigate community of | complaints | | |
| ☐ Check status of voluntar | | | |
| Industrial Ecowatch | | | |
| | nental Partnership Program (PEPP) | | |
| Pollution Adjudicati | | | |
| Others | | | |
| ☑ Others WATER SURV | EY | | |
| Name of Contact Person: | MARIANITO ROJAS | | |
| Position / Designation: | DESIGNATED PCO | | |

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

| Environmental Law | | Permits | Date of Issue | Expiry Date |
|--------------------------|-------------------------------|----------------|---------------|--------------------|
| | ECC1 | 08-070717-0051 | 07/23/2007 | |
| PD 1586 | ECC2 | | | |
| | ECC3 | | | |
| | DENR Registry ID | | | |
| | 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 9275 DP No. | | | | | |
|--|-------------|--------------------|-----------------------|--------------------|------------------------------|
| 4. Water Supply and Wastewater Ger | neration | | | | |
| A. Water Sources | | | | | |
| Sources of Water Supply | Daily (m | ³ /day) | | Annual (m³/day) | Specify if Others |
| Surface water (river, lakes, etc.) | | | | | |
| Groundwater | | | | | |
| Water utilities | | | | | |
| Others (specify) | | | | | Deep Well |
| B. Wastewater Sources | | | | | |
| Water Use / Sources of Wastewater | Consum | red (m³/d | lay) | Generated (m³/day) | Specify if Others |
| Process Water | | | | | |
| Domestic Water | | | | | |
| Cooling Water | | | | | |
| Maintenance | | 2 | | | |
| Storm drain | | | | | |
| Others (specify) | | | | | |
| C. Quality of Abstracted Wat | ter | | | | |
| Sources of Water Supply | BOD/ COD | TSS | AVFP | Heavy Metals | Specify if Others |
| | | | | | |
| 5. Information on Wastewater Polluti | ion | | | | |
| A. Does the Establishment have a Was | | □ Ye | | | |
| Treatment Plant? | | | lo X | · · | |
| B. What type of WWTP? | | | hysical Biological | | |
| b. What type of WWTF: | | | Chemical | | |
| | | | Others | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| C. WWTP Detail | | | | | |
| 1. Date Installed | | | | | |
| 2. Design Capacity | | | | | |
| 3. Cost of WWTP | | | | | |
| 4. Annual Maintenance Cost (Php/year | •) | | | | |
| Location of Discharge Point(s) | | Rece | iving Wa | ter Body | Classification of Water Body |

| | | | Cre | eK | | | |
|---|------------------------------|---|---------------------------------|--|---|---------|---------|
| | nponents of W | | | | | | |
| Primary | | Biological | | - (| Chemical | | Others |
| ☐ Screening ☐ Primary Trea ☐ Grit Remova ☐ Oil/Water So ☐ Equalization ☐ Others (spec | al eparator i Tank | ☐ Activated Sludge ☐ Anaerobic Digestion ☐ Tricking Filter ☐ Oxidation/Stabilization P ☐ Sequencing Batch Reacto ☐ Others (specify) | | ond | ☐ pH Adjustment ☐ Disinfection ☐ Oxidation/Reduction ☐ Flocculation/ Coagulation ☐ Others (specify) | | |
| B. Con | dition of the | WWTP | | | | | |
| What is the general condition of the WWTP during sampling? | | | | operly main dequately or mainter hers | maintain | ed | |
| 2. Is the WWTP | under constru | uction or unde | | | | | |
| rehabilitation? | :- N- 2 :- VF | has this base | 140 | | | | |
| If the answer reported to EM | | s, nas this beer | | | | | |
| 4. Which System | | under constru | ction | | | | |
| or being modifi | | | | | | | |
| 5. Estimated da | | ion | | | | | |
| 6. Treatment u | | | ater | | | | |
| | | | | | | | |
| Water Quality Sampling Point Sampling Statio | No. 1 | | | S | ampling T | ime: | |
| Type of Sample | | | | 12 | | | |
| Result Analysis | <u> </u> | | 5545 500 | | | | T |
| Parameter | Value | Unit | Unit Standards | | Compliant | | Remarks |
| raiametei | Value | Oilit | Standards | 1 | | No | Remarks |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| III. SUMMARY | OF FINDINGS | | | | | | |
| Legal | Compliance | Requirement | | Complia | ant | Remarks | |
| Reference | Compliance | quii eiiieiit | • | Y N | | Remarks | |
| DAO 2005-10 | 1. Has the | establishment | submitted two | | N/A | | |
| Rule 14.1 | notarized | copies of | | | ~ | | |
| | application f | | | | | | |
| DAO 2005-10 | 2. Has th | e establishm | ent submitted | | 1 | | |
| Rule 14.2 | Sewer and | Drainage Pla | an Drawing of | | | - | |
| | 0.00 | | standard size | 1 1 | | | |
| | sheet and in accordance with | | | | | | |
| | engineering | | | | | | |
| | | | ubmitted water | 1 | V | | |
| | 320 | | cted water and | | | | |
| | the appropri | | ent submitted | | | | |
| | Pollution | | ent submitted /Environmental | | V | | |
| | Tondtion | rievention | , Livii Olimental | | | | |

| | Management System Plan or Program? | | |
|------------------------|---|----------|-------------------------------------|
| | 5. Has the establishment submitted copy of the Environmental Compliance Certificate or Certificate of Non-Coverage? | 1 | |
| | 6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable? | 1 | |
| | 7. Has the establishment designated or appointed a PCO? | 1 | |
| AO 2005-10 ule 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 | 1 | |
| | 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)? | V | |
| | 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 | 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 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 | 1 | |
| | 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 | | |

| h. Does the plan highlight the design | ✓ | |
|---|-----|--|
| considerations, systems operation, | | |
| treatment/monitoring of soil, crops, | | |
| effluent and groundwater before/after | .50 | |
| irrigation? Such requirements shall be in | | |
| addition to Section 14.2. | | |

Other Observations:

- This Office has issued Environmental Compliance Certificate (ECC) with reference number: 08-070717-0051 to Gemma C. Inong for Piggery Project located at Brgy. Puerto Bello, Merida, Leyte.
- The piggery was operational during the time of monitoring.
- According to the proponent, the said piggery project will cease to operate once all the hogs are sold.
 The target month will either be June or July to stop their operation.
- The wastes generated from the hog manures are collected on the chamber at the back of the piggery.
- Solid wastes are separated and dried to be used as fertilizers.





Wastes are collected on the chamber

Dried manures are used as fertilizers

• Upon inspection, there are more than 30 hogs present in the piggery: six (6) of those are sows and no boar is present.

Remarks and Recommendation:

For this Office to invite the proponent for a Technical Conference to formalize their commitment of their plan to stop their piggery operation.

List of Documents Reviewed:

ECC

Prepared by:

JERONE C. SALVADOR

Engr. CARLOS A. CAYANONG

Source Emission Monitoring Specialist/ Chief, WAQMS

Approved by:

FOR. MANUEL J. SACEDA, JR

OIC-Chief, EME

Noted by:

REYNALDO B. BARRA, PME

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 : April 05, 2022

IIS No. : R8-2022-010090

Company Name: GEMMA C. INONG PIGGERY PROJECT



Subject / Title: GEMMA C. INONG WATER QUALITY SURVEY REPORT

TO: All Officials/Personnel Concerned:

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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. appropriatte action I - For initial/signature

F - Pls. immediate investigation J - For study/evaluation G - Pls. Attach supporting papers K - Pls. release/file

H - Pls. for approval L - Update stat of case

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