

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



# COMPLIANCE INSPECTION FOR WATER QUALITY MANAGEMENT

ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION Report Control Number: Date of Inspection: February 4, 2021 Mission Order No.: **EMBR8-2022-005175** 1. GENERAL INFORMATION Name of Establishment: St. Peterlife Memorial Homes - Maasin Address: Brgy. Pasay, Maasin City, Southern Leyte Geo Coordinates: 10.117598° N, 124.893485° E Nature of Business: Funeral Home PSIC Code: 96300 Year Established: 2000 Product: Operating hours/day: 24 Operating days/week: 7 Operating days/year: 365 **Product Lines Production Rate as Declared** Actual Production Rate (unit/day) in the ECC (unit/day) Name of Managing Head: Maribeth M. Kangleon Nerissa C. Serdan Name of PCO: PCO Accreditation No.: 2018-RVIII-0103 Date of Effectivity: 08/15/2018-2021 0905-203-4756 Phone/Fax: Email: maasinchapel@stpeter.com.ph 2. PURPOSE OF INSPECTION Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification New Renewal New Renewal PMPIN Application Hazardous Waste ID Registration Hazardous Waste Transporter Registration Hazardous waste TSD Registration \_\_ Permit to Operate Air Pollution Control Installation \_\_\_\_ Discharge Permit \_\_ Others \_\_ Determine compliance status with the environmental regulations, permit conditions, and other Requirements ■ Investigate community complaints ☐ Check status of voluntary commitment Industrial Ecowatch Philippine Environmental Partnership Program (PEPP) Pollution Adjudication Board (PAB)

Name of Contact PersonNerissa C. SerdanPosition / DesignationPollution Control Officer

Others

☐ Others

# 3. COMPLIANCE STATUS

# 3.1 DENR Permits/Licenses/Clearance

| Environmental Law |                  | Permits            | Date of Issue | Expiry Date |
|-------------------|------------------|--------------------|---------------|-------------|
|                   | ECC1             |                    |               |             |
| PD 1586           | ECC2             |                    |               |             |
|                   | ECC3             |                    |               |             |
|                   | DENR Registry ID | OL-GR-R8-64-008919 | 11/19/2020    |             |
|                   | PCL Compliance   |                    |               |             |
| DA COCO           | Certificate      |                    |               |             |
| RA 6969           | CCO Registry     |                    |               |             |
|                   | Permit to        |                    |               |             |
|                   | Transport        |                    |               |             |
| RA 8749           | POA No.          | 17-POA-E-0864-0249 | 05/22/2017    | 05/22/2022  |
|                   | ECC for Sanitary |                    |               |             |
| RA 9003           | Landfill         |                    |               |             |
| RA 9275           | DP No.           |                    |               |             |
|                   |                  | DP-R08-21-04704    | 07/29/2021    | 07/29/2022  |

| 4. Water Supply and Wastewater Generation |        |           |       |      |         |         |                   |  |
|---|--------|-----------|-------|------|---------|---------|-------------------|--|
| A. Water Sources                          |        |           |       |      |         |         |                   |  |
| Sources of Water Supply                   | Dail   | y (m³/day | y)    | Ann  | ual (m  | ³/year) | Specify if Others |  |
| Surface water (river, lakes, etc.)        |        |           |       |      |         |         |                   |  |
| Groundwater                               |        | 0.42      |       |      | 152     |         |                   |  |
| Water utilities                           |        |           |       |      |         |         |                   |  |
| Others (specify)                          |        |           |       |      |         |         |                   |  |
| B. Wastewater Sources                     |        |           |       |      |         |         |                   |  |
| Water Use / Sources of Wastewater         | Consun | ned (m³/  | 'day) | Gene | rated ( | m³/day) | Specify if Others |  |
| Process Water                             |        |           |       |      |         |         |                   |  |
| Domestic Water                            |        |           |       |      | 0.2     |         |                   |  |
| Cooling Water                             |        |           |       |      |         |         |                   |  |
| Maintenance                               |        |           |       |      |         |         |                   |  |
| Storm drain                               |        |           |       |      |         |         |                   |  |
| Others (specify)                          |        |           |       |      | 0.2     |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
| C. Quality of Abstracted Water            |        |           | 1     | 1    |         |         |                   |  |
| Sources of Water Supply                   | рН     | Temp      | TSS   | Не   | eavy M  | etals   | Specify if Others |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |
|   |        |           |       |      |         |         |                   |  |

| 5. Information on Wastewater Pollution      |                     |  |  |  |  |  |
|---|---------------------|--|--|--|--|--|
| A. Does the Establishment have a Wastewater | <b>✓</b> Yes        |  |  |  |  |  |
| Treatment Plant?                            | □No                 |  |  |  |  |  |
| B. What type of WWTP?                       | ☐ Physical          |  |  |  |  |  |
|   | <b>☑</b> Biological |  |  |  |  |  |

|                            |              |                   | ☐ Chemical  |                     |                     |               |         |  |  |  |  |
|----------------------------|--------------|-------------------|---|---------------------|---------------------|---------------|---------|--|--|--|--|
|                            |              |                   | Others  |                     |                     |               |         |  |  |  |  |
| C. WWTP Detail             |              |                   |   |                     |                     |               |         |  |  |  |  |
| 1. Date Installed          |              |                   | January 2006                                      | January 2006        |                     |               |         |  |  |  |  |
| 2. Design Capacity         |              |                   | 10 m³/day   |                     |                     |               |         |  |  |  |  |
| 3. Cost of WWTP            |              |                   | Php 50,000  |                     |                     |               |         |  |  |  |  |
| 4. Annual Maintenance      | Cost (Php    | /year)            |   |                     |                     |               |         |  |  |  |  |
| 5. Location of Discharge   | e Point(s)   |                   | Receiving Water Body Classification of Water Body |                     |                     |               |         |  |  |  |  |
| None                       |              |                   | None  |                     |                     |               |         |  |  |  |  |
|                            |              |                   | ☐ V-weir  |                     | Other (specify)     |               |         |  |  |  |  |
| 6. Flow Metering Device    | ce Use       |                   | ☐ Flow Meter                                      |                     |                     |               |         |  |  |  |  |
| 7. Flow Rate               |              |                   | Influent  | Effluent Others (sp |                     |               | ecify)  |  |  |  |  |
| A. Components o            | f WWTP       |                   |   |                     |                     |               |         |  |  |  |  |
| Primary                    | Biolog       | gical             |   | Chemica             | n <b>l</b>          |               | Others  |  |  |  |  |
| Screening                  | ☐ Act        | ivated Sludge     |   | ph Ad               | justment            |               |         |  |  |  |  |
| Primary Treatment          | <b>☑</b> Ana | aerobic Digestion | n   | Disinf              |                     |               |         |  |  |  |  |
| Grit Removal               | ☐ Tri        | cking Filter      |   | Oxida               | ation/Reduction     |               |         |  |  |  |  |
| Oil/Water Separator        | Ох           | idation/Stabiliza | tion Pond   | Flocci              | ulation/Coagulation |               |         |  |  |  |  |
| Equalization Tank          | ☐ Sec        | quencing Batch R  | eactor  | Other               | rs (specify)        |               |         |  |  |  |  |
| Others (specify)           | Oth          | ners (specify)    |   |                     |                     |               |         |  |  |  |  |
| B. Condition of th         | <br>o W/W/TP |                   |   |                     |                     |               |         |  |  |  |  |
| 1. What is the general of  |              | of the WWTP       | ✓ Properly Mai                                    | ntainad             |                     |               |         |  |  |  |  |
| during sampling?           |              |                   |   |                     |                     |               |         |  |  |  |  |
|                            |              |                   | ☐ Inadequately                                    | maintaine           | ed                  |               |         |  |  |  |  |
|                            |              |                   | Poor Mainter                                      | nance               |                     |               |         |  |  |  |  |
|                            |              |                   | Others  |                     |                     |               |         |  |  |  |  |
| 2. Is the WWTP under o     | construction | on or             | Yes   |                     |                     |               |         |  |  |  |  |
| undergoing rehabilitation? |              | <b>☑</b> No       |   |                     |                     |               |         |  |  |  |  |
| 3. If the answer is No. 2  | 2 is YES, ha | s this been       |   |                     |                     |               |         |  |  |  |  |
| reported to EMB/LLDA       |              |                   |   |                     |                     |               |         |  |  |  |  |
| 4. Which System or uni     | ts are und   | er                |   |                     |                     |               |         |  |  |  |  |
| construction or being n    | nodified?    |                   |   |                     |                     |               |         |  |  |  |  |
| 5. Estimated date of co    |              |                   |   |                     |                     |               |         |  |  |  |  |
| 6. Treatment units utili   | zed to trea  | nt wastewater     |   |                     |                     |               |         |  |  |  |  |
|                            |              |                   |   |                     |                     |               |         |  |  |  |  |
| Water Quality Field Da     | te           |                   |   |                     |                     |               |         |  |  |  |  |
| Sampling Point No. 1       |              |                   |   |                     |                     |               |         |  |  |  |  |
| Sampling Station           | <u>None</u>  |                   | Samp<br>Time:                                     |                     |                     | g             |         |  |  |  |  |
| Type of Sample             |              |                   |   |                     |                     |               |         |  |  |  |  |
| Result Analysis            |              |                   |   |                     |                     |               |         |  |  |  |  |
| 1                          |              | T                 | T   |                     |                     |               |         |  |  |  |  |
| Parameter                  | Value        | Unit              | DENR Effluent                                     |                     | Com<br>Yes          | npliant<br>No | Remarks |  |  |  |  |
|                            | Sta          |                   |   | Standards           |                     |               |         |  |  |  |  |
|                            |              | 1                 | 1   |                     |                     | 1             |         |  |  |  |  |

| Information/Summary of the previous or recent inspection/sampling: |       |      |                      |          |        |         |  |  |
|--|-------|------|----------------------|----------|--------|---------|--|--|
| Date of Sampling:  |       |      |                      |          |        |         |  |  |
| Sampling Station   | None  |      |                      | Sampling | g      |         |  |  |
|  | itone |      |                      | Time:    |        |         |  |  |
| Type of Sample   |       |      |                      |          |        |         |  |  |
| Result Analysis  |       |      |                      |          |        |         |  |  |
|  |       |      |                      |          |        |         |  |  |
|  |       |      |                      | Com      | pliant |         |  |  |
| Parameter  | Value | Unit | <b>DENR Effluent</b> | Yes      | No     | Remarks |  |  |
|  |       |      | Standards            |          |        |         |  |  |
|  |       |      |                      |          |        |         |  |  |
|  |       |      |                      |          |        |         |  |  |

| Legal        | Compliance Requirements                  | C        | omplia | nt       | Remarks                       |
|--------------|--|----------|--------|----------|-------------------------------|
| Reference    |  | Υ        | N      | N/A      |                               |
| DAO 2005-10  | 1. Does the establishment pay the        | ✓        |        |          |                               |
| Rule 13.1    | required wastewater charge?              |          |        |          |                               |
| DAO 2005-10  | 2. Does the establishment have a         | <b>√</b> |        |          |                               |
| Rule 14.1    | Discharge Permit?                        |          |        |          |                               |
| DAO 2005-10  | 3. Does the establishment pay the        | ✓        |        |          |                               |
| Rule 14.5    | required discharge permit fee?           |          |        |          |                               |
| DAO 2005-10  | 4. Is the permit available and valid?    | ✓        |        |          |                               |
| Rule 14.9    |  |          |        |          |                               |
| DAO 2005-10  | 5. Do the discharge points correspond    |          |        | <b>√</b> |                               |
| Rule 14.11   | to those declared in the discharge       |          |        |          |                               |
|              | permit?                                  |          |        |          |                               |
|              | 6. Is the volume discharged within the   | <b>√</b> |        |          |                               |
|              | allowable volume declared in the         |          |        |          |                               |
|              | discharge permit?                        |          |        |          |                               |
|              | 7. Is the permit posted in a proper      | ✓        |        |          |                               |
|              | area?                                    |          |        |          |                               |
| DAO 2005-10  | 8. Are the SMRs submitted quarterly      | <b>√</b> |        |          | 4Q 2021 SMR# 297699 submitted |
| Rule 14.16   | and on time?                             |          |        |          | 1/12/2022                     |
| DAO 1990-35  | 9. Are the effluent parameters           |          |        | <b>√</b> |                               |
| Section 4-6  | compliant with the standards in DENR     |          |        |          |                               |
|              | existing effluent standards?             |          |        |          |                               |
| DAO 1990-35  | 10. Does the establishment comply        |          |        | ✓        |                               |
| Section 8    | with the additional requirements         |          |        |          |                               |
|              | stated in DAO 1990-35?                   |          |        |          |                               |
| DAO 1990-35  | 11. Are the pollution control facilities | <b>√</b> |        |          |                               |
| Section 9    | properly and continuously operated?      | V        |        |          |                               |
| 3000000      | property and continuously operated:      |          |        |          |                               |
| DAO 1990-35  | 12. Are the methods of analysis used     |          |        | <b>√</b> |                               |
| Section 10   | for effluent samples in accordance       |          |        |          |                               |
|              | with the prescribed methods of the       |          |        |          |                               |
|              | Department?                              |          |        |          |                               |
| Other        | 13. Are the copies of water analysis     |          |        | <b>√</b> |                               |
| Requirements | reports available?                       |          |        | 1        |                               |

| 14. Are the correspondence between the establishment and EMB | ✓        |          |  |
|--|----------|----------|--|
| documented?  |          |          |  |
| 15. Are the establishment's                                  | <b>√</b> |          |  |
| compliance violations and                                    |          |          |  |
| exceedances documented?                                      |          |          |  |
| 16. Are there any pending                                    |          | <b>√</b> |  |
| litigation/PAB cases?  |          |          |  |
| 17. Are there spill prevention                               | <b>√</b> |          |  |
| contingency plans?   |          |          |  |
| 18. Are there spill containment                              | <b>√</b> |          |  |
| facilities available?  |          |          |  |

# Other Observations:

- > The funeral establishment was operational during the inspection. Some parts were under repair due to damage brought by typhoon.
- > Septic tanks is large enough to accommodate volume of waste water over a period of time.
- > Last desludging activity was conducted in 2018.

### **Remarks and Recommendation:**

- Secure renewal of PCO Accreditation
- Constant monitoring shall be sustained on order to ensure environmental and public health safety.

### **List of Documents Reviewed:**

DP-R08-21-04704, 4Q 2021 SMR



Submitted by:

ZEUS BRYANB. LORETO

Recommending Approval:

Engr. CARLOS A. CAYANONG Chief, WAQMS

Noted:

Engr. REÝNALDO B. BARRA OIC-Regional Director



For. ALEJANDROQUE G. MACATIGUE Head, PEMU Southern Leyte

Approval:

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

