



Department of Environment and Natural Resource

ENVIRONMENTAL MANAGEMENT BUREAU

Government Center, Brgy. Sevilla, San Fernando City, La Union

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Visit us at <http://www.r1.emb.gov.ph/>

May 9, 2019

ECC-OL-R01-2019-0126

HON. MAGNO A. WAILAN

Mayor

Municipality of Santol, La Union

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear Mayor Wailan:

This refers to the Environmental Compliance Certificate (ECC) application for the proposed construction of Waste Management Facility - Sanitary Landfill to be located at Sitio Bilogan, Brgy. Paagan, Santol, La Union.

After satisfying the requirements of the said application, this Bureau has decided to grant an ECC for the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the Initial Environmental Examination Checklist (IEEC), intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. Environmental considerations shall be incorporated in all phases and aspects of the project.

This Certificate does not create any right nor shall be used as an authorization to implement the project, **you may proceed with the implementation only after securing all necessary permits and/or clearances from other pertinent Government Agencies/Offices that have administrative jurisdiction over such projects/operations** (i.e. DENR, EMB, MGB, DAR, DA, LGU, etc.). This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations in the attached ECC.

Please be guided accordingly.

ENGR. MARIA DORICA NAZ-HIPE, CESE
Regional Director



Republic of the Philippines
Department of Environment and Natural Resource
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ENVIRONMENTAL COMPLIANCE CERTIFICATE
(Issued under Presidential Decree 1586)
ECC-OL-R01-2019-0126

THIS IS TO CERTIFY THAT THE PROPONENT, **LOCAL GOVERNMENT UNIT OF SANTOL, LA UNION**, is granted this Environmental Compliance Certificate (ECC), for the proposed construction of **Waste Management Facility- Sanitary Landfill** located in Sito Bilogan, Brgy. Paagan, Santol, La Union, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

SUBJECT ONLY to the conditions and restrictions set in this ECC and in the attached document labelled as Annexes A and B.

This Certificate is issued with the following details:

PROJECT DESCRIPTION

*This ECC covers the construction and operation of a **0.008100-Ton Daily Waste Handling Capacity Category 1 Sanitary Landfill** consisting of Mechanized Materials Recovery Transport and Facility (MRTF), recycling facility, weigh bridge, waste emplacement cells, ponds and lagoons, road/access system, drainage system, landfill gas collection/recovery facility, leachate collection and treatment facility, landfill gas collection/recovery facility, admin building, and other support facilities; all confined within an applied land area of 24, 000 square meters.*

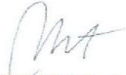
This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and in accordance with DENR Administrative Order (D.A.O.) No. 2003-30. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for the cancellation of this Certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50, 000.00) for every violation thereof without prejudice to imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance of this Certificate.



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LGU SANTOL

Issued at EMB-R01, Government Center, Brgy. Sevilla, San Fernando City this
May 9, 2019.

Recommending Approval:



ENGR. NICANOR C. ESTEBAN
OIC-Chief, Clearance & Permitting Division

Approved:




ENGR. MARIA DORICA NAZ-HIPE, CESE
Regional Director




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SWORN ACCOUNTABILITY STATEMENT

I, **ENGR. MAGNO A. WAILAN**, Mayor, with office address located in Municipal Building, Poblacion, Santol, La Union takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).


Mayor Magno A. Wailan
Signature
TIN 103-285-850

Subscribed and sworn before me this 12th day of May, 2019 the above-named affiant taking oath presenting Ctc #: 09555401, issued on January 3, 2019 at Santol, La Union.


ATTY. ROSEMARIE M. WAILAN
Notary Public
NOTARY PUBLIC
MY COMMISSION ENDS ON DEC. 31, 2019
PTR No. 3686069 / 03/2019
IBP LIFETIME No. 016580/5/10/17/FASIG CITY
ROLL No. 68827 / TIN No. 928-040-946
MCLE COMPLIANCE No. VI-0007259

Doc. No. 484 ;
Page No. 97 ;
Book No. 11 ;
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I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Initial Environmental Examination Checklist (IEEC) Report for the proposed **Waste Management Facility - Sanitary Landfill**, particularly in the Environmental Management Plan/ Environmental Monitoring Plan, including any modifications and/or additional information as approved by the EMB, shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation, which shall include among others to wit:

1. Any construction activities and/or changes in topography/surface landform as a result of the project implementation shall consider the recommendation/s of available **Geological/Geo-hazard Site Assessment Report**, otherwise the Proponent shall conduct its own geological assessment of the area which shall be duly reviewed by the Mines and Geosciences Bureau (MGB), and submit a report to EMB RO1 within ninety (90) days from completion of the study or thirty (30) days prior to project implementation;
2. Adequate and appropriate drainage system and soil erosion control measures including other structural measures which will conform to the natural topography shall be constructed / provided to avoid erosion and flooding of the adjoining properties;
3. The proponent shall provide an effective **Wastewater/Leachate Treatment Facility** such that all liquid wastes in the SLF shall conform to the standards of water quality as per DENR Administrative Order No. 2016-08 (Water Quality Guidelines and General Effluent Standards of 2016) and RA 9275 (Philippine Water Act of 2004);
4. **Clay or appropriate liner with appropriate dimensions/design** in accordance with Rule XIV of DENR Administrative Order 2001-34, shall be installed to limit leachate migration into the subsoil and protect groundwater from contamination.
5. **Appropriately designed monitoring well** that will allow effective monitoring of the groundwater at the project site shall be constructed to monitor the groundwater quality and methane gas, accordingly; and results of monitoring shall be submitted to EMB RO1. In case of detection of groundwater contamination, the proponent shall voluntarily cease its operation until such time that the contamination is addressed;
6. Adequate fencing shall be put up to prevent undue scattering of wastes;
7. The proponent shall ensure implementation of measures (e.g. spraying to prevent flies, proper use of cover & regular maintenance of SLF) to eradicate rats, flies and other vermin, and to minimize foul odor at the site and during waste transport; The proponent shall be held responsible to address adverse environmental impacts and/or nuisance to public health and safety caused by project implementation, by



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suspending its operation until such time that appropriate corrective/mitigating measures and/or damage to persons and/or properties resulting from the same are properly compensated;

8. All applicable mitigating and enhancement measures, and proponent's commitments cited in the IECC shall form an integral part of the ECC;

GENERAL CONDITIONS

9. The proponent shall undertake an effective and sustained **Information, Education and Communication (IEC) Campaign** to explain publicly its mitigating measures as well as the conditions of this ECC. It shall open opportunities to educate the public especially the affected community, interested academic institutions and other parties on the environment and human health safety features of the project including mitigating measures on the effects of climate change;
10. The project proponent shall secure a valid **Tree Cutting Permit** issued by the DENR pursuant to the provisions of PD 705 and PD 953. In case trees will be cut during construction activities such as clearing and excavation works, the proponent shall plant appropriate tree species in accordance with the required replacement ratio and/or other forms of vegetation to compensate for the damaged vegetation per DENR Memorandum Order No. 2012-02;
11. **Compliance Monitoring Report (Annex 3-1 of RPM)** shall be prepared and submitted by the Proponent/PCO to this Office semi-annually not later than every January 15 and July 15 starting from the issuance of this certificate;
12. A **Social Development Program (SDP)** that will benefit the employees/workers, host barangay and affected communities shall be implemented, and a report shall be submitted to EMB RO1 annually as part of the CMR;
13. The project operations shall comply with the provisions of RA 8749 (Philippine Clean Air Act of 1999), RA 9003 (Ecological Solid Waste Management Act of 2000), RA 9275 (Philippine Clean Water Act of 2004), and RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), to wit:
 - Secure a **Permit to Operate** Air Pollution Source/Control Installations & a **Discharge Permit** for Water Pollution Source/Control Facilities;
 - Designate a **Pollution Control Officer (PCO)**/Environmental Officer who shall handle the environmental aspects of the project, and shall be duly accredited by this Office in accordance with DAO No. 2014-02, series of 2014 (Revised Guidelines for Pollution Control Officer Accreditation);
 - Submit quarterly **Self-Monitoring Report (SMR)** to this Office; and
 - Register as a **Hazardous Waste Generator** *(if Applicable)*
14. An ECC Billboard (3'X 5') shall be installed at a strategic location at the project site within ninety (90) days from receipt of the ECC (Memo Circular No. 02, Series of 1996), containing this message: "**NOTICE TO THE PUBLIC, THIS [Project Name] of [Project Proponent] has been issued an Environmental Compliance Certificate [ECC Ref. No.] by the DENR–Environmental Management Bureau Region 1 on [Date of Issuance];**"



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15. The Proponent shall notify the EMB Regional Office and submit an abandonment mitigating plan for approval within three (3) months prior to project abandonment;
16. The Proponent shall allow DENR-EMB Personnel with proper identification card and travel/mission order to conduct inspection/monitoring in the entire premises even without prior notice to monitor compliance with ECC conditions and implementation of approved EMP. Further, on-the-spot monitoring and inspection may be initiated by the DENR any time in coordination with concerned parties;

II. RESTRICTIONS

17. No activities shall be undertaken other than what were stipulated in the IEEC. Any expansion of the project beyond the project description, or any change in the activity or transfer of location shall be the subject of a new Environmental Impact Assessment;
18. Toxic and hazardous wastes / materials shall not be permitted to enter and be disposed of in the project site, but shall be properly stored in a secured storage structure to be properly treated and disposed by/into a duly DENR-registered treatment, storage and disposal (TSD) facility;
19. Open burning of solid wastes or other similar acts within the landfill area shall be strictly prohibited;
20. Waste picking shall be confined only at the designated segregation area of the materials recovery facility within scheduled operations to prevent accidents, and to control and/or restrict the entry of unauthorized wastes pickers in the project site,;
21. This Certificate shall be considered automatically revoked if the project has not commenced within five (5) years from the date of ECC issuance. The date of project implementation is the date of ground breaking, based on the proponent's work plan as submitted to the EMB; and
22. Transfer of ownership of this project shall carry the same conditions and restrictions and the transferee shall be required to notify the EMB ROI within fifteen (15) days from the transfer of ownership to allow the necessary changes brought about by such transfer.



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PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent and the Government agencies concerned in the management of the Project and for better coordination in mitigation of the impacts of the Project on its surrounding areas and the environment, these recommendations are forwarded to the parties and authorities concerned for appropriate action.

OTHER REGULATORY REQUIREMENTS/ CONDITIONS	CONCERNED GOVERNMENT AGENCIES/ ENTITIES
1. Compliance with the Sanitation Code of the Philippines;	Department of Health (DOH)
2. Compliance with the Labor Code of the Philippines	Department of Labor and Employment (DOLE) – Bureau of working condition
3. Compliance with the Building Code of the Philippines	Local Government Unit (LGU) Concerned
4. Compliance with the Ecological Solid Waste Management Act.	LGU Concerned
5. Secure tree cutting permit	Department of Environment and Natural Resources (DENR)
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
6. Priority of employment shall be given to qualified local residents. Adequate public information on jobs available to local residents in the affected areas shall be provided;	


ENGR. NICANOR C. ESTEBAN

OIC-Chief, Clearance & Permitting Division


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