



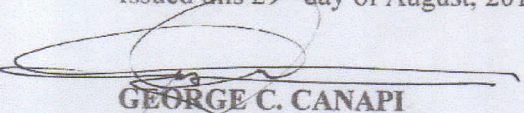
Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
Regional Office No. 02  
Tuguegarao City

**ENVIRONMENTAL IMPACT ASSESSMENT AND MONITORING DIVISION**

**CERTIFICATION**

This is to certify that the Provincial Government of Quirino filed its application for Environmental Compliance Certificate (ECC) for the Improvement/Rehabilitation of NRJ-Gamis-Banuar-Dumabel-Cabugao-Eden-Burgos-PRJ-Burgos-Gomez-Calaocan Road Project located at Saguday, Aglipay and Cabaroguis, Province of Quirino for evaluation.

Issued this 29<sup>th</sup> day of August, 2014 for whatever legal purpose it may serve.

  
**GEORGE C. CANAPI**  
Chief, EIA Processing Section





Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**

Regional Office No. 02  
No.20 Pagayaya Road, Government Center,  
Carig, Tuguegarao City  
Tel. No. (078) 304-1160

Date: NOV 04 2014  
ECC Ref. Code: ECC-R02-1411-0101

**HON. JUNIE E. CUA**  
Provincial Governor  
Provincial Capitol, Capitol Hills,  
Cabarroguis, Province of Quirino



Subject: **Certificate of Environmental Compliance Commitment (ECC)**

Dear Governor Cua:

This has reference to your ECC application for the *Road Rehabilitation (Gravel to Paved Road) of NRJ-Gamis-Caloocan Farm to Market Road Project* located in the *Municipalities of Aglipay, Cabarroguis and Saguday, Province of Quirino, Region 02.*

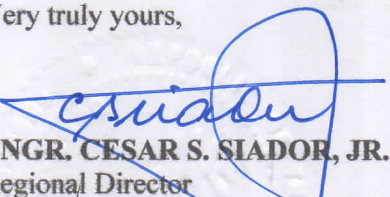
After satisfying the requirements in the said application and upon recommendation of the Environmental Impact Assessment and Management Division (EIAMD), the Department of Environment and Natural Resources (DENR) through the Environmental Management Bureau (EMB) has decided to grant an ECC to the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the Initial Environmental Examination (IEE), 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. You may proceed with project implementation after securing all the necessary permits from other pertinent government agencies.

This Office will be monitoring the project periodically to ensure compliance with the conditions cited in the attached ECC. Finally, any expansion or modification of currently approved plans will be subjected to new Environmental Impact Assessment (EIA) requirements.

Please be guided accordingly.

Very truly yours,

  
**ENGR. CESAR S. SIADOR, JR.**  
Regional Director

Cc: RED, DENR R-02  
The Regional Director, DOLE R-02  
The PENRO, Quirino  
The LGU, Aglipay, Quirino  
Municipal Engineer, Aglipay, Quirino

The Regional Director, DPWH Region 02  
The Regional Director, DOH R-02  
The CENRO, Nagtipunan  
The LGU, Cabarroguis, Quirino  
The LGU, Saguday, Quirino





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**ENVIRONMENTAL COMPLIANCE COMMITMENT**  
**(Environmental Compliance Certificate)**  
(Issued under Presidential Decree 1586)  
ECC No. ECC-R02-1411-0101

THIS IS TO CERTIFY THAT PROPONENT, *Provincial Local Government Unit of Quirino* represented by *Governor Junie E. Cua*, is granted this ECC, for the proposed *Road Rehabilitation (Gravel to Paved Road) of NRJ-Gamis-Caloocan Farm to Market Road Project* located in the *Municipalities of Aglipay, Cabarroguis and Saguday, Province of Quirino, Region 02*, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

SUBJECT ONLY to the conditions and restrictions set-out in this ECC and in the attached document labeled as Annex A. Recommendations have been provided in Annex B as guidance to concerned government agencies and local government units for consideration in their decision making process.

**PROJECT DESCRIPTION**

The proposed project located covers the rehabilitation (gravel to paved) of *19.38 kilometers long Farm to Market Road* with the following specification/description:

- 7 meters wide
- 200mm thickness

Associated Facilities:

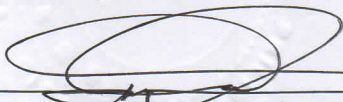
- Concrete Pipe Culverts
- Catch Basins
- Road Signs

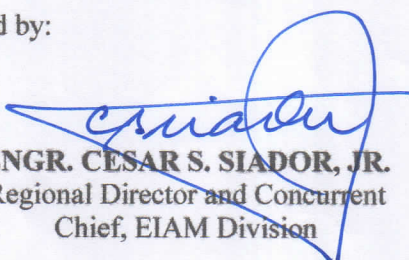
This ECC is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found to be inconsistent with the Revised Procedural Manual of DAO 2003-30 after issuance of this ECC.

Issued at DENR-EMB Regional Office 02, Tuguegarao City this NOV 04 2014.

Recommending Approval:

Approved by:

  
**GEORGE C. CANAPI**  
Chief, EIAMD Review and  
Processing Section

  
**ENGR. CESAR S. SIADOR, JR.**  
Regional Director and Concurrent  
Chief, EIAM Division

**"The earth is the LORD's and all that is in it" (Psalm 24)**  
**LET US BE GOOD ENVIRONMENTAL STEWARDS!**





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**Annex A**

**I. CONDITIONS**

**A. ENVIRONMENTAL MANAGEMENT and MONITORING PLAN (EMMoP)**

1. Any alteration of topography be made by proponent in the project site shall consider the recommendation in the Geological/Geohazard Site Assessment Report. Proponent should conduct geological assessment if there is no available study in the area;
2. Slope/embankment stabilization should be implemented on areas susceptible to erosion or landslide;
3. Topsoil shall be stockpiled in a safe place and shall be used as the final grading material or final layer. Spoils shall be stockpiled on flat areas away from drainage or runoff routes;
4. Construction materials shall be stockpiled within the project site and away from the roadsides;
5. Adequate measures shall be provided to protect the adjoining properties and existing facilities from negative effects of the project;
6. Natural drainage should be preserved. All unavoidable changes in the natural drainage shall be substituted with a well designed man-made canal;
7. Proper maintenance of all construction machineries and equipment shall be undertaken to minimize air and noise pollution;
8. All works shall be implemented properly according to schedule to prevent to noise;
9. Proponent shall set-up a temporary silt traps/ponds prior to start of construction. Interceptors must be constructed at appropriate places within the project area to direct runoff to silt ponds before discharging to drainage and/or receiving body of water;
10. Measures to ensure safe delivery/handling/storage of diesel oil/gasoline fuel to the project site shall be implemented at all times to prevent spillage. An appropriate contingency measures in case of spill shall be employed;
11. The solid waste management scheme as provided in the Environmental Management Plan shall be implemented immediately from the start of the construction;
12. All hauling trucks used for transporting aggregates should be fully covered with tarpaulin to avoid airborne of dust particles from vehicles and stockyard;
13. Frequent water sprinkling in areas susceptible to dust emission shall be undertaken to avoid and/or minimize fugitive dust particulates/emissions;
14. The proponent shall start within two (2) months from receipt of this Certificate planting of one hundred (100) appropriate tree species within the area and in areas to be rehabilitated after project life as part of its environmental commitment and shall register

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the same in the National Greening Program of the government. In case planting of tree is not feasible within or near the project site, the proponent shall coordinate with the DENR for the latter to identify and provide/designate an area for planting under the National Greening Program;

15. Cutting of trees affected by the project shall not be allowed unless compliant with the requirements of Executive Order No. 23 Series of 2011;

**B. GENERAL CONDITIONS**

16. The project's operation shall conform with the provisions of RA 6969 (Toxic and Hazardous and Nuclear Wastes Control Act of 1990), RA 9003 (An Act providing for an Ecological Solid Waste Management Program), RA 9275 (Philippine Clean Water Act of 2004), and RA 8749 (Philippine Clean Air Act of 1999);
17. An annual budget shall be made available based on the project schedule specified in the submitted Environmental Management Plan (EMP) Summary for the implementation of the project and proposed mitigating measures in the construction and operational phase. An accomplishment report on the implemented mitigating measures and the corresponding cost of activities shall be submitted to this Office on a quarterly basis for monitoring and validation;
18. Formation of an MMT for the project shall be initialized by the proponent within 60 days upon receipt of this Certificate or one (1) month before project operations whichever comes first;
19. Undertake an effective and wide Information, Education and Communication (IEC) Campaign to explain publicly about the project its mitigating measures as well as the conditions of this ECC. It shall open opportunities to educate the public especially the affected communities, interested academic institutions and other parties on the environment and human health safety features of the project. Reports should be submitted every first week of the month preceding the last month of every quarter of the year;
20. Set-up within sixty (60) days from receipt hereof an Environmental Unit (EU) to handle the environmental aspects of the project. The EU shall have the following responsibilities:
  - i. Monitor requirements as defined under the EMP;
  - ii. Monitor actual project impact vis-a-vis predicted impacts and management measures in the EMP;
  - iii. Make recommendations for the revision of the EMP as necessary;
  - iv. Ensure that post-assessment permits are in order;
  - v. Ensure that monitoring and reporting are undertaken;
  - vi. Ensure compliance to all the conditions of the ECC.
21. Prepare a Social Development Plan (SDP) in coordination with various stakeholders. The SDP should ensure answers to all valid issues and concerns of stakeholders specially those who are directly affected by project operations. Copy of the final SDP shall be

✓  
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forwarded to EMB Region 02 within thirty (30) days from receipt of this ECC. The same shall be effectively carried out during project operation;

## II. RESTRICTIONS

The proponent is strictly subject to the following restrictions:

1. In case of complaints, this Certificate is automatically suspended and the proponent shall voluntarily stop its project operation. A public hearing or consultation shall be conducted to resolve valid issues and concerns raised. Lifting of the suspension shall take effect after the proponent presents proof of resolution to valid issues and concerns to EMB Region 02;
2. No other activities shall be undertaken except those stipulated in the IEE Report and Project Description. Any expansion of the project, construction of other structures or any change in activities will be subjected to a new Environmental Impact Assessment;
3. Shall secure the necessary national and local government clearances prior to project implementation;
4. The proponent, contractors and sub-contractors shall be jointly liable for any damaged to the people and on the environment as a result of project implementation;
5. Land clearing shall be limited to the area described in the project description;
6. Should the project is not implemented within five (5) years from the date of ECC issuance the same is deemed expired. The reckoning date of project implementation is the date of ground breaking, based on the proponent's work plan as submitted to the EMB;
7. In case of transfer of ownership of this project, the same conditions and restrictions as stipulated in this ECC shall apply and the transferee shall notify the EMB Regional Office concerned within fifteen (15) days as regards to the transfer of ownership;
8. The EMB R-02 personnel shall be allowed to conduct site inspection anytime without prior notice to monitor compliance to ECC conditions. The proponent shall maintain a logbook wherein all EMB inspectors shall be required to register;

*Pursuant to Section 9.0 of P.D. 1586, non-compliance with any of the provisions of this ECC shall be sufficient cause for its cancellation or suspension and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (PhP 50,000.00) thereof.*





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**Annex B**

**PROJECT ASSESSMENT PLANNING TOOL**

For the assistance of the Proponent, other DENR Offices and other concerned government agencies and LGUs in the management of the project and for better coordination of recommended mitigation on the impact of the project the surrounding and environment.

By way of recommendation, the following have been taken notice of by the EIA Division. These recommendations shall be forwarded to the parties and authorities concerned for proper appreciation and action, and integration into their decision-making process.

<b>A. RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES/LGUS</b>	<b>CONCERNED PERMITTING, DECIDING, MONITORING ENTITIES</b>
1. Proper storm drainage canal, concrete culverts, and other flood control measures should be provided to adequately receive and channel the silt-laden run-off avoid flooding.	The Municipal Engineers Office Aglipay, Quirino Cabarroguis, Quirino Saguday, Quirino
2. Provide segregation, collection and recycling mechanism for solid wastes.	The LGU Aglipay, Quirino Cabarroguis, Quirino Saguday, Quirino
3. Traffic should be managed in the area affected by the project.	The LGU Aglipay, Quirino Cabarroguis, Quirino Saguday, Quirino
4. Temporary sanitary toilet facilities should be provided for the construction workers, and any waste should be properly disposed so as not to cause nuisance to the environment;	The Regional Office DOLE Region 02
5. The regulation/occupational health and safety standards should be complied for all industrial activities with prior acquisition of a Permit to Operate.	The Regional Office DOLE Region 02
6. Provide protective wear and goggles for the workers.	The Regional DOLE/DOH Regional Office 02
7. Warning signs should be posted in strategic places to warn passersby and to avoid accidents.	The LGU Aglipay, Quirino Cabarroguis, Quirino Saguday, Quirino
8. Provision of Fire Safety Equipments and signages	The Station Commander, BFP Aglipay, Quirino BFP Cabarroguis, Quirino BFP Saguday, Quirino

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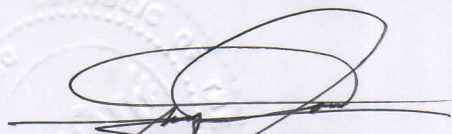
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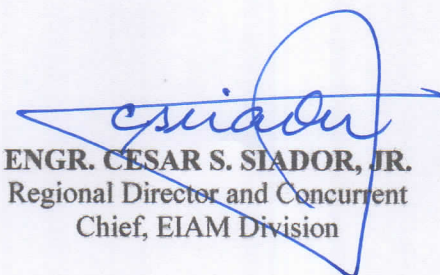
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**B. ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT**

1. The proponent shall incorporate the terms and conditions with prospective tenants to adhere to the existing rules and regulations of the municipality, the National Housing Authority and other concerned entities/offices with regard to house construction informing among others the suitable structures that can only be constructed in the area.	
2. Close monitoring of the project should be undertaken by the proponent to maintain a high level of safety and efficiency at all stages of the construction, and to immediately address any environmental hazard/change that may take place.	
3. Remove soil/mud from tires of trucks and equipment before leaving the project area.	
4. Make use of energy saving devices	
5. Donate collectable recyclables to the Local Government Unit (LGU)	

For dissemination and proper action of the parties concerned.

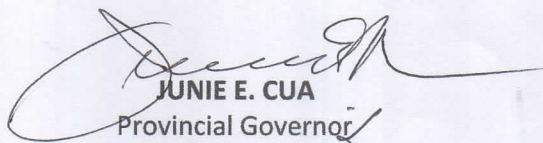
  
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Chief, EIAMD Review and  
Processing Section

  
**ENGR. CESAR S. SIADOR, JR.**  
Regional Director and Concurrent  
Chief, EIAM Division




## SWORN STATEMENT OF PROPONENT

I **JUNIE E. CUA**, authorized representative of **Provincial Local Government Unit of Quirino**, proponent of this **Road Rehabilitation (Gravel to Paved Road) of NRJ-Gamis-Calaocan Farm to Market Road Project** located in the **Municipality of Aglipay, Cabarroguis and Saguday, Province of Quirino, Region 02** takes full responsibility in complying with all the conditions contained in this Environmental Compliance Commitment (Environmental compliance Certificate or ECC).

  
**JUNIE E. CUA**  
Provincial Governor  
PLGU-Quirino

TIN No. : 105-548-070  
CTC No. : 30614109  
Issued on : January 09, 2014  
Issued at : Cabarroguis, Quirino

SUBSCRIBED AND SWORN TO before me this 14<sup>th</sup> day of November 2014, the above-named affiant taking oath exhibiting his Government ID No. **072045** issued on **June 20, 2010** at **Cabarroguis, Quirino**.

  
Signature of Administering Officer

**JETRON MIKE CASTRO MARCOS**  
NOTARY PUBLIC IN AND FOR THE  
PROVINCE OF QUIRINO  
UNTIL DEC. 31, 2015  
ROLL OF ATTORNEY 52472 (5-11-2006)  
IBP No. 9575371 (01-15-2014)  
PTR No. 4382941 (01-15-2014)  
MCLE No. 0020058

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