

**Supplemental and Social & Environmental Assessment
Balebec-Basca Road and Balebec Bridge, La Union
April 06, 2015**

I. DA-IPM (Department of Agriculture-Integrated Pest Management –Kasalikan)

The Provincial Government of La Union and Municipal Local Government Units (MLGUs) in partnership with the Department of Agriculture-Region I regularly conduct commodity-based Farmer Field School (FFS) with Integrated Pest Management (IPM) as part of the course in various municipality.

However this is not yet being implemented at Brgy. Balebec, Naguilian and Brgy. Basca, Aringay, La Union. The Office of the Provincial Agriculturist will ensure that DA-Kalikan be integrated in its Annual Work Plan and the corresponding Annual Work Plan of the Municipal Agriculture Office (MAOs). A FFS shall be conducted in the said Barangay.

2. Environmental Conditions & Status of the proposed quarry sites/sources/locations

All Commercial Sand and Gravel Quarry (CSAG) areas are located within the major rivers of La Union. There are more than enough quarry resources for the Balebec-Basca FMR and Balebec Bridge.

CSAG permit areas and holders have undergone field inspection reports to ascertain the sufficiency of quarry deposits and have passed the evaluation conducted by the Mines and Geosciences Bureau –Region I and the Provincial Government of La Union.

The project will utilize aggregates from Bauang River, Naguilian River and Aringay River. Below are the List of approved CSAG Permits areas and permit holders within or near the project area:

Municipality	Permit Holder	Operator	Managing Official /Position	Type of Permit	Permit No.	Area(ha.)	Location of Mine
Aringay	Aguinalde, Benjamin L.	Aguinalde, Benjamin L.	Aguinalde, Benjamin L./ Manager	CSAG	2014-04	3	San Simon West, Aringay, LU
Aringay	Avena, Eric N.	Avena, Eric N.	Avena, Eric N./ Manager	CSAG	2014-02	2.23	Poblacion, Aringay, LU
Aringay	Avena, Gloria	Avena, Gloria	Avena, Gloria/ Manager	CSAG	2014-03	5	Poblacion, Aringay, LU
Aringay	Cacanindin, Salvador Jr.	Cacanindin Concrete Products	Cacanindin, Salvador Jr./ Manager	CSAG	2014-05	2.13	San Simon East, Aringay, LU
Aringay	Evangelista, Martin Jr.	A4M Aggregates	Evangelista, Martin Jr./ Manager	CSAG	2014-13	3	San Simon East, Aringay, LU
Aringay	Laurian, Teresita B.	Riverwealth Enterprise	Laurian, Teresita B./ Manager	CSAG	2014-06	5	San Simon East, Aringay, LU

Bauang	Costales, Rizalina P	Costales, Rizalina P	Costales, Rizalina P	CSAG	on process	4.139	Ballay, Bauang
Bauang	Opinaldo, George	Ayyas Sand & Gravel	Opinaldo, George/ Manager	CSAG	on process	5	Ballay, Baung, LU
Bauang	Gonzalo Jose, Jr. E.	Allong Sand & Gravel	Gonzalo Jose, Jr. E./ Manager	CSAG	2014-12	4.99	Ballay, Baung, LU
Bauang	Sanchez, Felix P.	Sanchez, Felix P.	Sanchez, Felix P./ Manager	ISAG	03-001*	15.4352	Quinavite, Bauang, La Union
Bauang	Sanchez, Felix P.	Sanchez, Felix P.	Sanchez, Felix P./ Manager	CSAG	2014-11	3.4000	Quinavite, Bauang, La Union
Bauang	Rimando, Dexter R.	Rimando, Dexter R.	Rimando, Dexter R.	CSAG	2014-14	2.8200	Acao, Bauang, La Union
Naguilian	Flores, Ophelia T.	Flores, Ophelia T.	Flores, Ophelia T./ Manager	ISAG	05-006	8	Baraoas, Naguilian, LU
Naguilian	G.A. Flores Construction, Inc.	Flores, Gamaliel	Flores, Gamaliel/ Manager	ISAG	05-007	17.18	Baraoas, Naguilian, LU
Naguilian	Lombay, Noel T.	Lombay, Noel T.	Lombay, Noel T./ Manager	CSAG	2014-07	3.738	Ribsuan, Naguilian, LU
Naguilian	Pasag, Adolfo Jr. B.	Pasag, Adolfo Jr. B.	Pasag, Adolfo Jr. B.	ISAG	09-008	8.46	Baraoas, Sur, Naguilian, LU
Naguilian	808 Construction & Supply	808 Construction & Supply	Hipol Diomedes/ F./ Proprietor	ISAG	11-001	10.9867	Brgy. Baraoas Norte & Guising Sur, Naguilian, La Union
Naguilian	Ignacio, Conrado V.	NADECO	Cabatingan, Benjamin/ Plant Manager	ISAG	92-002	8	Brgy. Ortiz, Naguilian, LU
Naguilian	Northpoint Aggregates, Inc.	Northpoint Aggregates, Inc.	Opinaldo, George	ISAG	96-001	8	Brgy. Baraoas Norte & Guising Sur, Naguilian, La Union
Naguilian	Sagun, Marino	Sagun, Marino	Sagun, Marin/ Manager	CSAG	on process	5	Baraoas Norte, Naguilian LU
Naguilian	Rillera, Jaime A	Rillera, Jaime A	Rillera, Jaime A	CSAG	2014-08	1.8	Ortiz, Naguilian, LU
Naguilian	Banda, Antonio Miguel M.	Banda, Antonio Miguel M.	Banda, Antonio Miguel M. / Manager	CSAG	2014-10	4.99	Guesset, Naguilian, LU
Naguilian	Flores, Enrique A.	Flores, Enrique A.	Flores, Enrique A.	CSAG	2014-19	1	Baraoas Sur, La Union

All permit holders are members of the Mine Rehabilitation Fund Committee (MRFC). Under MRFC is a MMT (Multi-partite Monitoring Team) which conducts quarterly monitoring of quarry areas to ensure that quarry operations are compliant to the issued Environmental Compliance Certificates (ECC).

3. Impacts on Existing Roads

Hauling of aggregates and mobilization of construction equipment could generate environmental impacts related to gaseous emissions, dust, noise, and oil spill. In addition, mobilization of heavy machinery could cause compaction of soil. To minimize these problems, the contractor should (i) locate the parking site for heavy equipment near an existing road, (ii) avoid establishment of temporary access roads for mobilizing construction equipment, and (iii) select convenient time for

moving the construction equipment to the parking area to avoid disturbance to school, primary health center, etc..

Public safety should also be prioritized. All trucks hauling to and from the project area will be required to cover the hauled aggregates/ excess construction spoils with net or thick canvass to avoid/catch aggregates falling off from the truck.

4. Grievance Redress Mechanism

An Executive Order creating the Grievance Redress Mechanism Committee has been issued by the Provincial Governor:

5. Archaeological Chance Find Procedure

An orientation/ seminar on “Archaeological Chance Find Procedure” shall be conducted by the PPMIU for the concerned project sites for the Barangay and Municipal SES Coordinator and for the Contractor and its concerned supervisors, foreman and laborers. A dedicated hotline/contact number will also be designated for easy communication.

6. ROW Compensation for and/or relocation/ Repairs of affected structures

The Provincial Government in partnership with the Municipal Local Government Units and the Barangay Local Government Unit shall provide for the rightful ROW Compensation in accordance to the law whenever applicable. It shall also assist in the relocation and/or repair of affected structures of PAPs.

7. Assistance to PAPs on dismantling/ repairs and relocation

The PPMIU thru its SES Coordinator and in partnership with the concerned municipality and Barangay and concerned contractor shall jointly craft its procedures for the dismantling , repair and or relocation of properties of PAPs.

The procedure shall define the roles and responsibilities of each stakeholder for efficient and timely delivery of assistance to PAPs.