

Participatory planning workshop for IPM will serve as an educational activity to inform the farmers of the environmental hazards posed by some practices observed in the farms to control the spread of pests in the area. The activity will aim to elicit the commitment of farmers in the area to reduce their application of chemical inputs with hazardous ingredients and shift to biological and other environmentally sounds methods of pest control. The farmers will be engaged in planning activity to draw from them a doable action plan that will establish targets for IPM expansion through their support and collaboration.

D. SOCIAL AND ENVIRONMENTAL IMPACTS

Quarry Sites

The propose quarry site where located at Barangay Sison, Municipality of Maitum, Sarangani Province, it is existing River mix for it serve many road projects implemented. It is 1 kilometers/ away from the proposed road projects.

Effect of Hauling of Quarry Materials

During the implementation of the projects, the hauling of quarry materials will be the responsible of contractor to mitigate or repair the disturbance/ impairment of the road access.

Batching Plants- when the project commence, it will be discuss with the lot owner the agreement between the contractor and the lot owner regarding the site acquisitions. The batching plant should properly identify to avoid social and environmental issue. The batching plant should consider the following:

Site Considerations- must be located in an area where they will not pose hazard to the environment or the amenity of the local community.

Water Quality- Potential pollutants in batching plant wastewater include cement, sand, aggregates and petroleum products. These substances can adversely affect the environment by increasing soil and water ph and increase the turbidity of waterways.

Air Quality- dust from cement, sand and aggregates is a pollutant. Fine dust particles can enter neighboring premises and adversely affect amenity. Dust must be controlled so there are no significant emissions from the plant.

Noise Emission- noise form of pollution and a potential source of conflict between the operator of a concrete batching plant and the local community.

Solid Waste- the main solid generated by the batching plants is waste concrete. Waste minimization is the preferred approach to dealing with this problem. Careful matching of orders with production could minimize the need to return concrete to the batching plant