

## **VII. SOCIAL ASSESSMENT:**

### **7.1) Local Community Participation during Planning and Preparatory Activities.**

With the existence of the Mindanao Rural Development Program, the long bean dreamed for a safe potable water supply in barangay Mindulao, Cabalawan, Tibon-Tibon and San Vicente will come to its realization. The water source located on a high elevated area at barangay Mindulao could sufficiently supply the four barangays and will even expand its distribution to nearby barangays in the future. Its actual normal spring discharged for 24 hours in more than enough to supply the maximum day demand of the populace.

The source of potable water supply is located within or inside the ancestral domain with the presence of Indigenous People (IPs), particularly the “ Ubod Locos Datu Association (UBLODA) under its chieftain, Datu Makalambog Camilo C. Ratilla, Jr. Several consultations/commitments and endorsement regarding the project, together with other barangay people were made. After thorough discussions and deliberations, majority of the residents of the four barangays showed their willingness and strong support that the Construction of Magsaysay Potable Water Supply Level II will be implemented in their respective barangays.

Most of the people in these 4 barangays are farmers because the area is best suited for agriculture. Their wives (women sector), with the presence of water supply, will lightened the work land of their husbands, because fetching water in a far distance will be minimized. Their wives even their children could do it themselves, hence, they commit to be involved in our project under the MRDP –APL 2.

### **7.2) Right-of-Way:**

The proposed sub project has 2 unit Intake Boxes, 3 unit Concrete Reservoirs and 35 unit Communal Faucets, the said structures will be erected on the **donated lots**. The Two (2) Spring Boxes will be erected on the lots donated by Mr. Eleuterio Halaran and Mrs. Conchita Quiloman of Barangay Mindulao. The Three (3) Concrete Reservoirs will be erected on the lots donated Mr. Leonardo Dalogdog for Barangay Mindulao, for barangay Cabalawan the lot is donated by Mr. Rudisindo Capuyan and for barangay Tibon-tibon and San Vicente the lot is donated by Mr. Manuel Tabuan.

The 35 unit Communal Faucets or Tapstands are distributed to barangay Mindulao and Cabalawan. Eighteen (18) units are allocated for barangay Mindulao, to be installed on Three (3) lot donors, the remaining 17 units will be installed on 9 lot donors for barangay Cabalawan. Right-of-way for transmission and distribution pipe line a PERMIT TO ENTER was signed and approved by lot owners permitting us to buried and lay down the pipe on their respective lots.

### **7.3) Project Affected Persons (PAP) and their characteristic**

Although the area is an agricultural one, the project does not affect any activity for them to earn an income out of their farm products. There are POs at barangays Mindulao and Cabalawan who were beneficiaries of our CFAD projects but the project (Const. of Water Supply) still do not affect in their CFAD proposals, however, if the water supply is greatly available, this will be of great help to their community. Above all, the proposed project do not result to the loss of livelihood or reduced access of families to their traditional livelihood sources.

### **7.4) Existing Land Use of Proposed Structures.**

The four (4) beneficiary barangays of the proposed project are predominantly an agricultural land, but, the source of the project is located in the Higaonon Civil Forest Reservation. However, though Higaonon IPs was present in the area, they showed support on the said project.

The proposed spring boxes are located at the foot of the mountain and side of the Hagsa Creek whose land is agricultural. R.C. Tanks will also be constructed at the top of the hill of every respective barangay (Mindulao, Cabalawan, Tibon – Tibon and San Vicente) where dominant use of the land is more on agriculture. Communal faucet will be located along the road right-of-way of the barangay streets and to selected residential lots donated by the lot owner. Aside from their major crops (Coconut, corn and Banana), the farmers were now planting root Crops, Vegetables, and peanut as their CFAD sub-projects.

### **7.5 Consultation/negotiation process with PAP**

Several meeting were conducted and MRDP Team even attended barangay assemblies to let them know what the program is all about. Many issues and problems came out, and that their dominant problem is how to acquire potable water supply right at their doorsteps or maybe along their barangay streets where no need for them to fetch water at a far distance. They had the source, about 3 kms from the barangay site of Mindulao, and with no enough funds, this will not reach to the community. This entails big amount, and to them MRDP is the answer.

### **7.6 Status of right of way acquisition for lands to be used by potable water supply project (DOD, Quit claims, permit to enter/construct/operate, compensation, if any)**

The source is within the ancestral domain, but, negotiation between the IPs is already approved or settled with the commitment that the condition they requested ( Certification from their Chieftain) be given by LGU Magsaysay. Right – of –way acquisition and any other related settlement/ negotiation pertaining to the proposed potable water supply project was already conducted. That land owners already had signed for the deed of donation and permit to enter.

### **7.7 Social Impact to project beneficiaries and others**

- ❖ Availability of safe potable water supply;
- ❖ Reduce incidence of water-borne diseases;
- ❖ Increase income to residents;
- ❖ Increase economic activity in the Barangay;
- ❖ Generate more jobs opportunities;
- ❖ Lesser School drop-outs;
- ❖ Uplift standard of living;
- ❖ Healthy environment;
- ❖ Fresh & Cool minded residents.

### **7.8 Presence of Indigenous Persons/Communities**

There are Indigenous Persons present at barangays Mindulao and Cabalawan, particularly, Ubod Locos Datu Association (UBLODA), accredited under SEC Reg. No. 200200326 by its chieftain, Camilo Ratilla, Jr. of Mindulao, Magsaysay, Misamis Oriental. 10% of the total population were Higaonons and mostly depend on farming as their main source of income. The project was Consulted to them since the source is located inside their ancestral domain, and, they showed willingness to support for the said project.

### **7.9 Establishment if IPs/IC's are within ancestral domain**

Since the project is within an ancestral domain, the LGU Management also has to consider their rights/privileges and policies. During consultations conducted, it is clear that their tribe also abide on the rules and regulation set by the Philippine government. That whatever programs and projects that the government will undertake for the welfare and benefits of the community, they will greatly appreciate and support it hence, they had no objection on the implementation of the Construction of Magsaysay Potable Water supply Level II.

### **7.10 Status of NCIP applicatio**

The local government unit still has to inform and secure necessary certification from any concerned agency. Permit to enter will be secured to ancestral domain area.

## VIII. Environmental Issues and Mitigation Measures

### 8.1 Issues and Mitigating Measures

The following are issues frequently associated with Potable Water Supply. Issues include alleged/perceived impacts, potential impacts, health and safety and environment risks.

Issue(Potential Impact)	Assessment	Mitigation Measure	Instrument of Implementation (POW, Contract, IDP, or O &M Plan)
1. Potential Acceleration of denudation of the upland/hilly areas due to intensification of crop production.	The proposed transmission pipe line of potable water supply will pass through to the upland/hilly area where farmers are currently practicing erosive farming techniques. The PWS could help unproductive upland/hillsides to be a productive soil.	DA to coordinate with LGU for the introduction of sustainable upland farming system in the area.	O & M Plan; Capacity Building Plan
2.Potential increased in encroachments of human activities into the nearby public forest	The proposed PWS will not improve / invite human activities or encroacher to the nearby public forest, because its development is intended to build-up areas only.	The LGU in coordination with DENR monitor for possible encroachment of nearby public forest.	Capacity Building Plan
3. Local employment	Construction will provide local employment opportunities	Hiring priority shall be given to qualified local residents; Implement RI Manual on local hiring.	Contractor /LGU
4. Excessive water abstraction possibly resulting in the reduction of spring's water discharged in the future.	Since the discovery of the spring 20 years ago the discharge is still the same. Above the spring are shrubs, trees and coconut trees. Beyond thus trees are grassland.	Sustaining spring discharge by planting of trees on watershed area above the spring. LGU to coordinate DENR for planting materials.	MOA between DENR, LGU and Barangay including land owner. Capability Building Plan.
5. A probable cause	Brgy. Mindulao is over	Trained water tender	O & M Plan, Capability

for water loss at Brgy. Mindulao.	supply of potable water, excess water will be shared to other Barangays.	for opening and closing of valves to have equal distribution of water supply.	Building Plan.
6. Possible sabotage of water source by contamination or poisoning.	Spring source is located far away from human settlements and activities. The water source was used by Brgy. Mindulao 13 years ago.	Designed spring box that is safe for contamination. Assigned water tender at the source.	O & M Plan, DED
7. Ownership issue of site of water source	Land is Privately owned	Negotiate with Landowner for the acquisition of sites for the water source structures through donation.	Submit to PSO Deed of Donation.
8. Potential ROW conflicts for the distribution pipes and communal faucet sites	Land to be traversed by the pipelines are privately owned and within the road right-of-way of Barangay Road.	Secure permit to enter for pipelines routes. For communal faucets secure Deed of Donation.	Submit to PSO Deed of Donation.
9. Potential Violation of Indigenous Peoples Rights	Spring sources are located inside the IP ancestral domain including the transmission pipelines.	Secure Permit for IP's approval for the utilization of the spring source.	Certification from IP's Chieftain.

## 8.2 Status of ECC application, tree cutting permit

This Local Government Unit of Magsaysay has file an application for Environmental Compliance Certificate (ECC) to Department of the Environment and Natural Resources (DENR).

Cutting Permit is not applicable for this project because it will not affect to any trees.

## 8.3 Protection of Watershed Areas.

The municipalities have approved environmental code and ready for implementation.

Planting of Trees in the Watershed areas will be initiated by the Municipal Government and trained Farmers in the area for latest Technologies in farming that apply soil and water conservation for the protection of the spring in order to sustain or improved its volume of water discharge.