

AGOS HYDRAULIC RAM PUMP PROJECT

Selection Criteria

Technical Requirements / Prerequisites:

1. There must be a cascading free flowing water source with minimum drop of one (1) meter;
2. A minimum water source flow rate of thirty one (31) liters per minute, or Forty-Five Thousand liters (45,000) per day.

Social Requirements:

There must be an established immediate need for an AGOS Hydraulic Ram Pump System to provide a source of clean water for the people of the community. By established need, we shall be giving priority to those areas:

- a) where there is a minimum of fifty (50) household beneficiaries for domestic usage, or a minimum of five (5) hectares for purposes of agricultural irrigation;
- b) where communities have been without reliable water sources for a considerable period of time
- c) where existing water sources are at least 1 km away and/or take more than 30 mins to reach*
- d) where the cost of water is a prohibitive factor in the community's right to water (must not be more than 3% of total household family income.)
- e) where water-borne diseases are common due to the lack of access to clean sources of water

General Conditions

The site on which the AGOS Hydraulic Ram Pump shall be built and installed shall be covered by a Right of Way Agreement, signed by both the registered land owner(s) as the GRANTOR(s) and the local barangay government unit as the GRANTEE, granting unrestricted access for the AGOS Hydraulic Ram Pump project to be constructed and maintained on the agreed upon site in perpetua.

The community shall organize among themselves a Barangay Water Association (BAWASA) for the effective management of the project, and shall actively participate in a partnership among stakeholders that supports environmental and watershed conservation. Community members should be willing to participate in the construction of the AGOS Hydraulic Ram Pump system as needed as well as assume other responsibilities to improve the total water facilities and make the same attractive for use by all.

The local government, particularly the barangay officials, should also do their share in maintaining the AGOS Hydraulic Ram Pump system and all its related facilities.

The community shall implement a solid waste management program as an integral and additional component of the watershed conservation initiatives in their respective areas, so as to ensure that the underlying aquifers / water tables continue to be able to provide the water which the AGOS Hydraulic Ram Pump project in turn provides to their respective communities.

*Source: <http://www.ohchr.org/Documents/Publications/FactSheet35en.pdf>