

III – Main Source of Spring

The main source of the water system is the six (6) timberland spring located at sitio gripo, talisay Brgy. Dolores which is sufficient enough to fill up the gravity, to feed the reservoir in four and a half (4 1/2) hours. Another source is the Kalidkid spring also located at Brgy. Dolores

with the elevation of ninety two meters (92m.)above sea level. The estimated litre per second during rainy season is 36 Lit/sec and 18 Lit/sec during summer (Dry season). The Dumalag Water District is not using electric motor for pumping due to gravity flow to the reservoir and the distribution system

IV – Transmission Line

The dimension of the transmission line (pipeline) of the Dumalag Water District from catch basin at the Talisay source to the main reservoir is 75mm and 100mm with G.I. pipe (galvanized iron). It has a total length of 3.5 km respectively.

V – Distribution lines

The distribution lines used are PVC pipe materials with a diameter ranging from 75mm to 200mm. the total length of these lines is estimated at around five (5) kms.

VI – Treatment Facility

The Dumalag Water District has a water treatment for disinfection by using chlorination powder chlorine through the two (2) units of electric chlorinator pump, and we perform water analysis.

VII – Reservoir

The Dumalag Water District has a water supply system that utilizes one (1) main reservoir located at sitio gripo Brgy. Dolores. It has a capacity of two hundred fifty cu. m (250 m³) cylindrical concrete ground reservoir with bottom elevation of forty meters (40m) above sea level. It operates twenty four hours (24hrs) a day.