

JUSTIFICATION FOR LOCATING THE PROJECT IN PROTECTED AREA

The Mehao Nallah is the main sources for supplying drinking water to the residents of Roing town for last 9(nine) years to cater the water demand of 2748 household and as such it needs frequent maintenance and timely augmentation for uninterrupted supply of drinking water to the resident of Roing town. The following points are highlighted.

1. That, the present WTP capacity of 2.00MLD is also not sufficient to cater the present water demand of 4.00MLD. And to meet the additional water demand of 2.00MLD an area measuring 4800 sqm is identified for water treatment plant.
2. As per the survey conducted by the official of PHED, Roing the ideal and most feasible location has been identified for water treatment plant ($28^{\circ}09'22.95''\text{N}$ $95^{\circ}51'41.13''\text{E}$ RL 531.00 MSL) which lies within the protected area. Further as the treatment system is gravity feed the highest RL point for construction of WTP is of utmost important for smooth and proper water supply to the consumers. Hence, the area as shown in the geo reference map is being proposed for construction water treatment plant for the said location which fulfills and satisfies all the technical requirements and ensures conventional water supply system both in terms of quality and quantity to the consumers.



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