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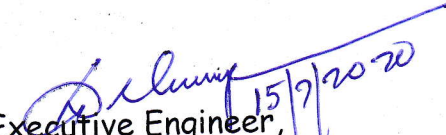
JUSTIFICATION OF LOCATING WTP FOR ZONE-II OVER THE FOREST LAND IN  
CONNECTION WITH MEGA PWS TO MAHAKALAPADA & MARSHAGHAI BLOCK  
IN KENDRAPARA DISTRICT

Drinking Water supply systems facilitations from a variety of sources after appropriate treatment systems. The water treatment steps include in most cases such as purification, disinfection through chlorination and sometimes fluoridation. Treated water then either flows by gravity or is pumped to reservoirs, which can be elevated such as water towers or on the ground on the efficacy of drinking water distribution see non-revenue water).

More onto this, it is not out of place to mention that, quality of drinking water has an utmost impact as micro-biological and physic-chemical dimension in shape of numerous parameters of water quality. In public water supply systems, water shall be disinfected with minimum need in general and most commonly through the use of chlorination or it may need to undergo treatment, especially in the case of surface water.

On the outset, Mega Piped Water Supply Scheme was badly needed for Mahakalapada and Marshaghai Block areas in Kendrapara District as the people of these areas had been suffering a lot due to contaminated water having excess parameters of iron and chloride content in ground water and even some places sweet aquifer zone of ground water is very less to be found which was a bit of concern of hassle and hazard as far as safe drinking water is concerned for maintaining hygienic life style. Consequently Mega PWS scheme was proposed to be taken up taking river Luna as perennial surface source to add a mere smile to the woes of depending habitants. It is also imperative to mention here that, Mega Project is segregated with two zones. Zone-I covering 63 nos. villages with population around 94566 and Zone-II covering 137 nos. of villages with population around 168272 as per 2011 census.

In order to make fully implementation of Mega PWS project, specially Zone-II there was vastly need of requisite land in order to construct Water Treatment Plant (WTP). After continuous discussion and intervention with revenue authorities to find out suitable land occupancy, it was gone in futile in search. Finally, it was proposed to be utilised the forest land nearby to Manikunda area under Marshaghai Tahasil for possession of forest land towards construction of WTP over the plot on after due demarcation by the revenue personnel.

  
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