



Impact of Check Dam in Groundwater Level and Water Quality of Vaigai River Madurai District, Tamil Nadu, India

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Abstract: The main objective of this research work is to analyse the impact of check dams constructed athwart the Vaigai river in Madurai. The contrivance of check dam resolves the issues of water scarcity and advances both the quality and quantity of groundwater. According to the world health organisation standards the quality of water and groundwater level is analysed and concluded that the check dam is measured as the preeminent practice to fulfil the requirement.

Keywords: Aquifer, Groundwater recharge, Groundwater Quality, Mechanism, Recharge structure
