

Water Analysis of Different River Basin

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Abstract: This Project report investigates the application of This study evaluates water quality in Tungabhadra, Malaprabha, and Krishna rivers through physico-chemical analysis at upstream/downstream sites in Karnataka. Samples tested for acidity, alkalinity, chlorides, total hardness, BOD, and total solids reveal downstream deterioration from sewage, industrial effluents, and agricultural runoff. Key findings include BOD levels of 18-22 mg/L and chlorides up to 134.18 mg/L, exceeding safe limits for direct use. Standard APHA methods confirm pollution impacts, recommending treatment and monitoring for sustainable river management.

Keywords: Tungabhadra River, Krishna Basin, water quality, BOD, physico-chemical parameters, pollution

