

Restoration and Feasibility Study for Development of Sunkalpalya Lake

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Abstract: *Water is the main source for the survival of the fittest. But nowadays due to urban sprawl, the availability of fresh water is decreasing both qualitatively and quantitatively. The reason behind it may be discharge of effluent into lakes, invasion of lake area etc. These problems were also seen in Sunkalpalya lake, Bengaluru south, Karnataka. As a citizen we need to restore the lake to its original state. In this process we need to analyse various water quality parameters, socio-economic characteristics, topography sources of pollution etc. the results are interpreted and found the lake water is polluted in small amount and it can be rectified by use of vetiver grass wetland system.*

Keywords: Lake restoration, sewers, topography, vetiver grass, water quality.

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