**USAGE OF WET LANDS FOR WASTE WATER TREATMENT**

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**ABSTRACT:**

Constructed wetland is the unique technology in the recent scenario, and has been into practice very widely these because of high efficiency and low use of technology. The burgeoning use of water resources has up the ante to treat the used water for sustainable usage, in -accordance it is mandatory to improve the treatment processes and in this niche the wetlands constructed for such specific purposes will enhance the quality of the treatment with less energy ingestion. The present technologies practiced in the present era are more energy hungry processes and need skilled labors and huge investments, further the decentralizations of such treatment plants only made synonym to old wine in new bottle in contradiction the wetlands constructed play a very vital role in sustainable approach towards the treatment of waste water. The wetland consists of various layers of different particle sizes which help to arrest the suspend impurities present in the waste water further the finer particles are having the capability to stop the infiltration of pathogens into the downstream side of the wetland. The selected vegetation provided acts as an excellent artificial symbiotic element to the filtration; the vegetation will absorb the necessary nutrients for them from the waste water which is harmful for mankind usage. The design of construction wetlands is specific for a particular places and also the requirements for the society.

**Keywords:** constructed wetland,waste water,vegetation,nutrients ,etc.,