ARKAVATHI FLOW

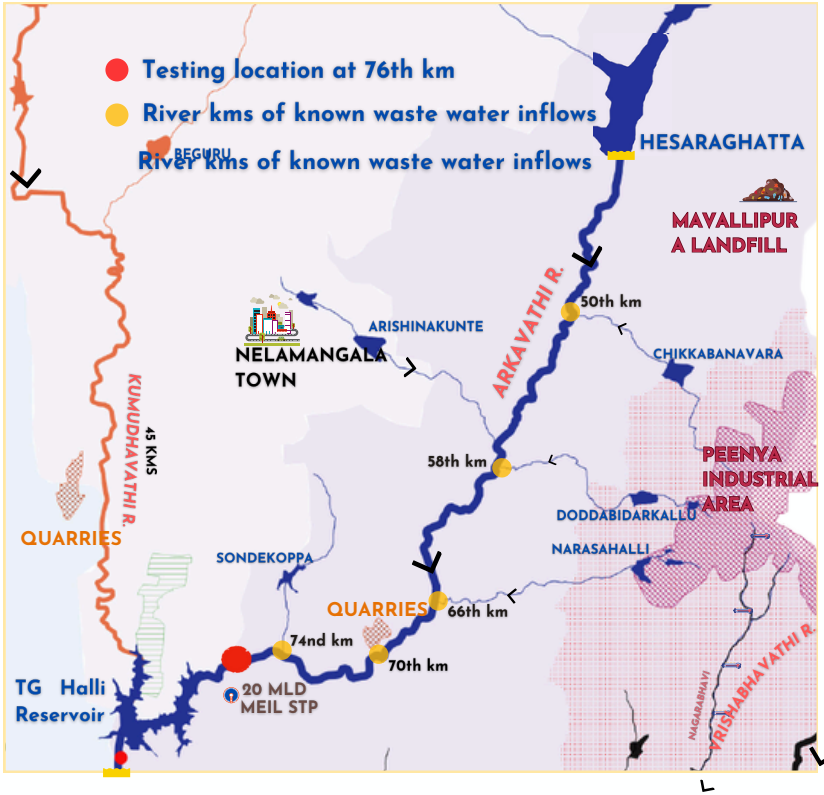
Understanding water flow volume is important to determine the best approach to treat polluted water sources such as the Arkavathi. This information shows dry season flow based one 24-hour test.

TESTING INFORMATION

SITE 104

76TH KILOMETER UPSTREAM OF TG HALLI RESERVOIR

DATE **15 MAR 2024**



FLOW **DRY SEASON**

METHOD **FLOW-METER**

PARTNER CDDIndia Water | People | Nature

During dry season, river flow is comprised of wastewater discharged from nearby towns, factories and farms

TEST RESULTS

Based on 24-hour testing, existing treatment levels are not able to address wastewater flow during the dry season.

CPCB Designated-Best-Use of Sample	
Average Hourly Flow	6,196.16 m3/hr
Test Duration	24 hours
Measured Flow	148.708 MLD
Margin of error	10%

MLD stands for Megaliters Per Day. One megaliter, is million litres.

TREATMENT AT SITE

Activity	Points of Concern
20 MLD MEIL Sewage Treatment Plant	Current treatment capacity falls short of river flow volume

Based on current treatment, over 120 MLD go untreated daily

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