

## 2.0 Water Quality Management Plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District
WQ1	Inventory of water resources in District			
WQ1a		Rivers	[07 Nos] and [Length in Km] 1. Krishna - 91.7 Km. 2. Ghataprabha - 93.00 Km. 3. Malaprabha - 147.5 Km. 4. Hiranyakeshi - 22.70 km 5. Markandeya - 66. km. 6. Dudhganga - 44.99 km. 7. Vedhganga - 26.578 km	[07 Nos] and [Length in Km] 1. Krishna - 91.7 Km. 2. Ghataprabha - 93.00 Km. 3. Malaprabha - 147.5 Km. 4. Hiranyakeshi - 22.70 km 5. Markandeya - 66. km. 6. Dudhganga - 44.99 km. 7. Vedhganga - 26.578 km
WQ1b		Length of Coastline	[Nil]	Nil
WQ1c		Nalas/Drains meeting Rivers	[60 No]	[60 No]
WQ1d		Lakes / Ponds	[278 Nos] and [Area in Hectares : 30432.06]	[278 Nos] and [Area in Hectares : 30432.06]
WQ1e		Total Quantity of sewage and industrial discharge in District	[Sewage: 271.95 MLD] [Industrial discharge: 37.643 MLD]	[Sewage: 271.95 MLD] [Industrial discharge: 37.643 MLD]
	Control of Groundwater Water Quality			
WQ2a		Estimated number of bore-wells	[134688 Nos]	[134688 Nos]
WQ2b		No of permissions given for extraction of groundwater	[Permission given to extract and utilise ground water for drinking propose in Notified taluks as follows] Athani Taluk-63, Soundatti Taluk-116, Ramdurg Taluk-207.	[Permission given to extract and utilise ground water for drinking propose in Notified taluks as follows] Athani Taluk-63, Soundatti Taluk-116, Ramdurg Taluk-207.
WQ2c		Number of groundwater polluted areas	[NIL]	[NIL]
WQ2d		Groundwater Availability	85800.06 Hectare meters (As per GEC 2017 Report)	85800.06 Hectare meters (As per GEC 2017 Report)
WQ3	Availability of Water Quality Data			

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WQ3a		Creation of monitoring cell	Ground water levels are being monitored once in a month to know the Rise and Fall, the fluctuation data is considered for Groundwater Resource Estimation. The Groundwater level data and GWDI (Ground water Drought Index) are send to the Ground water Directorate office every month.	Ground water levels are being monitored once in a month to know the Rise and Fall, the fluctuation data is considered for Groundwater Resource Estimation. The Groundwater level data and GWDI (Ground water Drought Index) are send to the Ground water Directorate
WQ3b		Access to Surface water and groundwater quality data at DM office	[Available with National Institute of Hydrology, Ground water authority and KSPCB]	[Available with National Institute of Hydrology, Ground water authority and KSPCB]
WQ4	Control of River side Activities			
WQ4a	Control of River side Activities	River Side open defecation	[Partly controlled]	[Partly controlled] 31-12-2020
WQ4b		Dumping of SW on river banks	[Partly controlled]	[Partly controlled] 31-12-2020
WQ4c		Control measures for idol immersion	[Measures taken post immersion]	[Measures taken post immersion]
WQ5	Control of Water Pollution in Rivers			
WQ5a		Percentage of untreated sewage	[24.78 %]	[24.78 %]
WQ5b		Monitoring of Action Plans for Rejuvenation of Rivers	[Monitored] Action plan submitted for Krishna River and Malaprabha River	[Monitored] Action plan submitted for Krishna River and Malaprabha River
WQ5c		No of directions given to industries for Discharge of Untreated industrial wastewater in last 12 months	[NIL]	[NIL]
WQ6	Awareness Activities			
WQ6a		District level campaigns on protection of water quality	RDWS - 5098. KSPCB-42 [Nos in previous year]	RDWS - 5098. KSPCB-42 [Nos in previous year]
WQ6b	Oil Spill Disaster Contingency Plan			

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WQ6a		Creation of District Oil Spill Crisis Management Group	Not Applicable	Not Applicable
WQ6b		Preparation District Oil Spill Disaster Contingency Plan	Not Applicable	Not Applicable
WQ7	Protection of Flood plains			
WQ7a		Encroachment of flood plains is regulated.	[Yes]	[Yes]
	Rainwater Harvesting			
WQ8a		Action plan for Rain water harvesting	[Implemented by Local Body]	[Implemented by Local Body] 31-12-2020