

Laboratory **Regional Water Testing Laboratory, Groundwater Surveys and Development Agency, 'Vanamati' Campus, VIP Road, Dharampeth, Nagpur, Maharashtra**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7493 (in lieu of T-3988)**

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Validity **16.06.2018 to 15.06.2020**

Last Amended on **29.06.2018**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Ground Water/ Surface Water	pH	APHA 23 rd Edition 2017, Method 4500-H ⁺ B	2 to 12
		Electrical Conductivity	APHA, 23 rd Edition 2017, Method 2510 B	5 µS/cm to 19999 µS/cm
		Total Dissolved Solids	APHA 23 rd Edition 2017, Method 2540 C	10 mg/l to 20000 mg/l
		Total Hardness as CaCO ₃	APHA 23 rd Edition 2017, Method 2340 C	5 mg/l to 10000 mg/l
		Fluoride	APHA 23 rd Edition 2017, Method 4500-F ⁻ B	0.05 mg/l to 25 mg/l
		Iron	APHA 23 rd Edition 2017, Method 3500-Fe B	0.04 mg/l to 10 mg/l
		Nitrate	APHA 23 rd Edition 2017, Method 4500-NO ₃ ⁻ B	1 mg/l to 100 mg/l