

Year 2019 Minars Report

Hasdeo River - D/s near Urga village, Korba

S.No.	Characteristics	Unit	February	March	April	May
1.	pH	pH Unit	7.20	7.21	7.20	7.19
2.	Dissolved Oxygen	Mg/Liter	6.6	6.4	6.6	7.0
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	1.0	1.2	1.0	1.0
4.	Total Coliform	MPN/100 ml	11.0	9.2	6.0	8.0
5.	Fecal Coliform	MPN/100 ml	4.5	4.0	2.0	2.0

Kharon River - At Bendri Village Near water supply intake well

S.No.	Characteristics	Unit	February	April	May
1.	pH	pH Unit	-	7.2	7.5
2.	Dissolved Oxygen	Mg/Liter	6.4	6.2	5.5
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	3.66	4.0	3.2
4.	Total Coliform	MPN/100 ml	248	278	2
5.	Fecal Coliform	MPN/100 ml	22	41	<2

Mahanadi River - At sihawa

S.No.	Characteristics	Unit	February	April
1.	pH	pH Unit	-	7.4
2.	Dissolved Oxygen	Mg/Liter	6.5	6.2
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	2.33	2.9
4.	Total Coliform	MPN/100 ml	27	49
5.	Fecal Coliform	MPN/100 ml	17	14

Mahanadi River - At Rajim Near Road Bridge

S.No.	Characteristics	Unit	February	March	April	May
1.	pH	pH Unit	-	-	7.6	7.5
2.	Dissolved Oxygen	Mg/Liter	6.3	6.2	6.1	5.6
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	1.23	3.66	3.8	2.6
4.	Total Coliform	MPN/100 ml	63	4.0	58	<2
5.	Fecal Coliform	MPN/100 ml	21	<2	17	<2

Mahanadi River - At Village Rudri, Dhamtari

S.No.	Characteristics	Unit	February	April
1.	pH	pH Unit	-	7.4
2.	Dissolved Oxygen	Mg/Liter	6.6	6.4
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	2.33	5.2
4.	Total Coliform	MPN/100 ml	94	109
5.	Fecal Coliform	MPN/100 ml	63	22

Mahanadi River - At Arang, Raipur

S.No.	Characteristics	Unit	February	April
1.	pH	pH Unit	-	7.5
2.	Dissolved Oxygen	Mg/Liter	6.5	6.1
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	3.66	4.2
4.	Total Coliform	MPN/100 ml	120	175
5.	Fecal Coliform	MPN/100 ml	10	33

Sheonath River -Near Simga, Bemetara Road Bridge

S.No.	Characteristics	Unit	April
1.	pH	pH Unit	7.6
2.	Dissolved Oxygen	Mg/Liter	6.2
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	3.8
4.	Total Coliform	MPN/100 ml	11
5.	Fecal Coliform	MPN/100 ml	2.0

Kelo River - D/s Near Kayaghat, Raigarh

S.No.	Characteristics	Unit	January	February	March	April	May
1.	pH	pH Unit	7.7	7.6	7.7	7.6	7.7
2.	Dissolved Oxygen	Mg/Liter	6.5	6.2	6.4	6.6	6.4
3.	B.O.D.(3-days at 27 °C)	Mg/Liter	2.1	3.8	3.7	3.6	3.4
4.	Total Coliform	MPN/100 ml	230	5400	460	348	345
5.	Fecal Coliform	MPN/100 ml	-	-	-	-	23