

**NWMP DATA FOR THE MONTH OF SEPTEMBER 2020**

Sr. No	Name Of Monitoring Location	Temp (°C)	DO (mg/l)	pH	Cond (µs/cm)	BOD (mg/l)	Nitrate-N (mg/l)	Nitrite-N (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Turbidity (NTU)	Phenolphthalein Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chlorides (mg/l)	COD (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	30	7.7	6.93	7019.0	BDL	BDL	BDL	260	91	24	5.4	BDL	38.0	685.0	8.0
2	RIVER ZUARI AT CORTALIM	26	6.3	7.08	13870.0	BDL	0.31	0.005	4900	3300	171	21.7	BDL	48.0	4250.0	-
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	30	6.8	6.75	2625.0	BDL	BDL	BDL	170	79	44	7.0	BDL	46.0	1839.0	8.0
4	RIVER ZUARI AT PANCHAWADI	29	7.3	6.27	82.54	BDL	0.15	BDL	610	400	50	9.90	BDL	22.0	10.76	6.0
5	RIVER MANDOVI AT TONCA- MARCELA	28	7.0	6.74	135.85	BDL	BDL	BDL	1100	790	24	7.91	BDL	30.0	244.61	8.0
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	28	7.4	6.8	55.50	BDL	0.1	0.007	2200	1100	>1601	46.3	BDL	28.0	6.0	4.0
7	RIVER VALVANTI	29	7.5	5.86	48.4	BDL	BDL	BDL	2600	1300	921	14.19	BDL	20.0	5.5	4.0
8	RIVER MADAI AT DABOS - VALPOI, GOA	29	6.5	5.46	70.81	2.0	0.1	BDL	1300	1100	49	45.5	BDL	24.0	5.5	6.0
9	RIVER KHANDEPAR AT OPA	29	7.0	6.5	46.83	BDL	0.10	BDL	630	210	241	4.26	BDL	12.0	7.34	6.0
10	RIVER TALPONA AT CANACONA, GOA	28	7.3	6.59	47.12	BDL	BDL	0.007	2100	1200	>1601	26.3	BDL	22.0	5.87	6.0
11	RIVER ASSONORA	29	6.5	5.69	59.8	BDL	0.11	BDL	340	270	10.3	5.92	BDL	22.0	7.0	4.0
12	SALAU LIM LAKE AT SALAU LIM	28	8.0	6.95	41.13	BDL	0.1	BDL	110	33	22	1.89	BDL	24.0	5.0	4.0
13	INLET STP TONCA-PANJIM	28	-	7.40	-	363.6	-	-	540x10 <sup>5</sup>	240x10 <sup>5</sup>	>1601	-	-	-	-	760.0
14	AGRICANAL UP STREAM OF CUNCOLIM IDC	27	6.5	6.27	110.8	BDL	0.10	BDL	1700	1300	921	10.60	BDL	32.0	8.00	4.0
15	AGRICANAL DOWNSTREAM OF CUNCOLIM IDC	27	6.1	6.05	111.36	BDL	BDL	BDL	4600	2300	>1601	11.87	BDL	26.0	9.00	4.0
16	CREEK AT DANDO MOLLO, VELSÃO	26	6.9	7.4	308.0	2.6	9.0	0.454	2200	1300	80	12.36	BDL	26.0	52.0	8.0
17	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	28	6.0	6.40	140.2	BDL	0.36	0.007	2100	1100	50	8.61	BDL	28.0	244.61	8.0
18	MAYEM LAKE	30	6.2	6.08	42.18	BDL	0.24	BDL	3100	1700	281	2.62	BDL	18.0	4.0	8.0
19	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	29	7.5	6.42	44.15	BDL	BDL	BDL	210	110	171	4.14	BDL	10.0	3.42	4.0
20	RIVER SAL PAZORCONI	27	6.1	6.35	40.47	BDL	BDL	0.006	2300	1300	541	22.5	BDL	24.0	5.00	8.0
21	RIVER KUSHAWATI NEAR BUND AT KEVONA	28	8.0	6.64	59.16	BDL	0.1	0.008	2200	1100	42	5.07	BDL	26.0	7.0	6.0
22	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	30	5.6	7.34	23320.0	BDL	0.85	BDL	2200	1100	>1601	5.33	BDL	82.0	15295.0	-
23	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	29	4.2	6.74	115.26	2.0	0.34	0.01	7000	3300	921	25.2	BDL	26.0	17.0	6.0
24	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	26	6.9	6.50	50.03	BDL	0.13	0.02	2600	1700	111	30.0	BDL	24.0	5.0	4.0
25	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	30	6.2	5.9	85.36	BDL	0.46	BDL	4600	3100	1601	6.17	BDL	32.0	7.0	6.0
26	ANJUNEM LAKE	28	7.1	5.88	53.20	2.0	0.10	BDL	70	23	23	7.88	BDL	24.0	6.5	6.0
27	RUMDER LAKE	28	4.9	6.59	81.57	BDL	BDL	0.012	2500	1700	351	12.44	BDL	26.0	15.17	10.0
28	CARAMBOLIM LAKE	28	8.0	6.86	120.31	BDL	BDL	BDL	1400	1100	14	3.69	BDL	34.0	9.78	6.0
29	RAJA LAKE	28	6.8	6.61	88.75	2.1	BDL	BDL	2600	1700	41	2.46	BDL	34.0	9.0	8.0
30	SAIPEM LAKE	29	5.7	7.11	278.2	BDL	0.31	0.32	8400	4300	351	13.92	BDL	76.0	50	8.0
31	CURTORM LAKE	28	4.1	6.45	116.63	2.0	BDL	0.006	2600	1100	351	17.14	BDL	40.0	11	8.0
32	RIVER ZUARI AT BORIM BRIDGE	29	6.5	6.30	735.5	BDL	0.31	0.007	780	450	24	14.18	BDL	38.0	244.61	8.0
33	RIVER ZUARI AT MADKAI JETTY	29	7.0	6.48	740.0	BDL	0.25	0.010	1400	680	>1601	14.07	BDL	44.0	391.37	8.0
34	RIVER SAL AT KHAREBAND, MARGAO	29	4.0	6.86	144.4	BDL	0.11	0.047	8400	5800	47	6.87	BDL	42.0	37.0	8.0
35	RIVER SAL AT ORLIM BRIDGE	29	4.8	6.94	644.5	BDL	0.17	0.025	1700	1200	34	8.27	BDL	58.0	1350.0	4.0
36	RIVER MANDOVI AT AMONA BRIDGE	28	7.2	6.68	126.11	BDL	BDL	BDL	1200	840	42	3.75	BDL	26.0	122.30	6.0
37	RIVER MANDOVI AT IFFI JETTY	30	7.0	7.06	13070.0	BDL	0.1	BDL	140	79	221	4.26	BDL	54.0	6060.9	-
38	RIVER MANDOVI NEAR HOTEL MARRIOT	30	6.4	7.58	37000.0	BDL	0.1	BDL	210	93	>1601	3.86	4.0	90.0	2956.5	-
39	RIVER TIRACOL AT TIRACOL	30	8.2	6.5	59150.0	BDL	0.1	BDL	330	170	211	19.53	BDL	14.0	1773.90	9.0
40	RIVER CHAPORA AT SIOLIM BRIDGE	30	7.3	6.7	832.23	BDL	0.19	BDL	2100	1100	351	14.67	BDL	30.0	2.0	7.0
41	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	30	6.0	7.5	27850.0	BDL	1.60	0.065	1700	1100	>1601	30.0	BDL	80.0	8644.0	-
42	RIVER SINQUERIM NEAR NERUL TEMPLE	30	6.2	7.4	35060.0	BDL	0.44	0.012	2100	1700	>1601	14.73	BDL	76.0	9519.0	-
43	TIRACOL BEACH	30	6.2	7.65	50840.0	BDL	0.1	BDL	220	70	921	7.63	6.0	104.0	18971.0	-
44	MIRAMAR BEACH	28	7.6	7.69	26090.0	BDL	0.10	0.026	220	79	241	15.99	12.0	78.0	10840.6	-
45	CALANGUTE BEACH	30	6.5	7.8	56970.0	BDL	0.58	BDL	220	110	241	7.22	10.0	96.0	18819.0	-
46	MORJIM BEACH	30	6.3	7.56	55270.0	BDL	0.1	0.01	210	79	22	17.96	6.0	112.0	18231.9	-
47	MOBOR BEACH	30	6.7	7.67	53250.0	BDL	BDL	0.006	170	79	7.8	14.54	4.0	114.0	19244.0	-
48	BAINA BEACH	26	4.3	7.7	49270.0	BDL	0.24	BDL	170	70	351	13.79	6.0	96.0	14570.0	-
49	GALGIBAG BEACH	29	6.4	7.75	50840.0	BDL	0.14	0.01	350	94	541	14.80	10.0	118.0	16143.0	-
50	COLVA BEACH	28	7.2	7.73	43130.0	BDL	0.60	BDL	280	110	541	40.5	4.0	106.0	18345.0	-
51	VAGATOR BEACH	30	6.8	7.8	55380.0	BDL	0.31	0.011	170	70	>1601	22.20	16.0	98.0	17120.0	-
52	VELSAO BEACH	26	6.5	7.8	48580.0	BDL	0.31	0.006	110	49	541	12.10	10.0	92.0	13234.0	-
53	HARWALE WATER FALL	28	7.6	6.25	66.21	BDL	0.30	BDL	4600	2100	121	10.12	BDL	22.0	7.0	8.0
54	SALMONA SPRING	29	6.8	6.5	124.67	2.2	2.13	BDL	280	170	>1601	1.45	BDL	12.0	20.0	8.0
55	CHAPOLI DAM	28	7.8	6.93	62.36	BDL	BDL	BDL	280	170	80	4.43	BDL	26.0	7.83	6.0

**BDL- BELOW DETECTION LIMIT**

**NWMP DATA FOR THE MONTH OF SEPTEMBER 2020**

Sr. No	Name Of Monitoring Location	Ammonia-N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids (mg/l)	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Flouride (mg/l)	Residual Chlorine (mg/l)	MLSS (mg/l)	MLVSS (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	BDL	300.0	18.0	62.0	86.0	4071.0	1582.0	18.0	0.03	0.46	-	-	-
2	RIVER ZUARI AT CORTALIM	0.06	2400.0	96.0	525.0	186.0	9709.0	5625.0	82.0	0.06	0.94	-	-	-
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	0.08	740.0	51.0	149.0	78.0	1548.0	954.0	25.0	0.02	0.67	-	-	-
4	RIVER ZUARI AT PANCHAWADI	BDL	34.0	16.0	4.37	11.07	54.0	20.0	21.0	0.04	BDL	-	-	-
5	RIVER MANDOVI AT TONCA- MARCELA	BDL	36.0	18.0	7.7	5.71	85.0	40.0	16.0	BDL	BDL	-	-	-
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	BDL	26.0	3.0	4.0	5.00	34.0	16.0	29.0	0.04	BDL	-	-	-
7	RIVER VALVANTI	0.05	10.0	2.4	BDL	BDL	29.0	26.0	7.0	0.05	0.2	-	-	-
8	RIVER MADAI AT DABOS - VALPOI, GOA	0.06	16.0	4.01	BDL	BDL	42.0	38.0	6.0	0.05	0.6	-	-	-
9	RIVER KHANDEPAR AT OPA	BDL	24.0	12.0	2.92	6.36	33.0	20.0	9.0	0.04	BDL	-	-	-
10	RIVER TALPONA AT CANACONA, GOA	BDL	18.0	2.0	3.0	4.0	28.0	14.0	8.0	BDL	BDL	-	-	-
11	RIVER ASSONORA	BDL	22.0	4.81	2.4	BDL	36.0	31.0	12.0	0.04	0.50	-	-	-
12	SALAU LIM LAKE AT SALAU LIM	0.14	18.0	4.0	2.0	BDL	23.0	9.0	10.0	BDL	BDL	-	-	-
13	INLET STP TONCA-PANJIM	49.5	-	-	-	-	-	-	1550.0	15.3	-	0.35	1550.0	1055.0
14	AGRICANAL UP STREAM OF CUNCOLIM IDC	0.09	38.0	7.0	5.0	9.00	68.0	22.0	20.0	0.03	BDL	-	-	-
15	AGRICANAL DOWNSTREAM OF CUNCOLIM IDC	0.08	48.0	9.0	6.0	14.0	67.0	20.0	23.0	0.03	BDL	-	-	-
16	CREEK AT DANDO MOLLO, VELSÃO	BDL	62.0	13.0	7.0	9.0	205.0	120.0	50.0	0.16	0.21	-	-	-
17	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	0.050	56.0	20.0	11.66	12.9	827.0	406.0	38.0	0.02	BDL	-	-	-
18	MAYEM LAKE	BDL	12.0	3.0	3.0	BDL	28.0	15.0	5.0	BDL	0.31	-	-	-
19	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	BDL	18.0	8.00	2.43	5.86	29.0	16.0	7.0	0.03	BDL	-	-	-
20	RIVER SAL PAZORCONI	BDL	28.0	6.0	3.0	10.0	25.0	10.0	25.0	0.22	BDL	-	-	-
21	RIVER KUSHAWATI NEAR BUND AT KEVONA	0.08	24.0	5.0	3.0	BDL	36.0	16.0	14.0	BDL	BDL	-	-	-
22	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	0.08	3400.0	320.6	631.8	99.60	13750.0	12550.0	140.0	0.05	1.16	-	-	-
23	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	0.05	30.0	6.0	3.0	7.00	70.0	31.0	38.0	0.09	BDL	-	-	-
24	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	BDL	18.0	5.0	BDL	8.0	31.0	18.0	26.0	0.06	0.25	-	-	-
25	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	BDL	20.0	6.0	BDL	2.0	56.0	33.0	6.0	BDL	0.3	-	-	-
26	ANJUNEM LAKE	BDL	8.0	BDL	BDL	BDL	32.0	29.0	7.0	BDL	0.2	-	-	-
27	RUMDER LAKE	0.104	26.0	6.0	2.0	4.7	43.0	18.0	24.0	0.058	0.26	-	-	-
28	CARAMBOLIM LAKE	BDL	34	18.0	5.92	6.21	72.0	42.0	18.0	0.02	BDL	-	-	-
29	RAIA LAKE	0.17	18.0	6.0	BDL	3.00	55.0	19.0	16.0	0.02	0.25	-	-	-
30	SAIPEM LAKE	0.17	88.0	22.44	7.8	40.7	165.0	150.0	42.0	0.22	1.07	-	-	-
31	CURTORIM LAKE	BDL	14.0	5.0	BDL	6.0	70.0	29.0	20.0	0.05	BDL	-	-	-
32	RIVER ZUARI AT BORIM BRIDGE	BDL	600.0	400.0	48.60	558.03	452.0	212.0	41.0	0.097	BDL	-	-	-
33	RIVER ZUARI AT MADKAI JETTY	BDL	800.0	600.0	48.60	633.27	469.0	219.0	45.0	0.12	BDL	-	-	-
34	RIVER SAL AT KHAREBAND, MARGAO	0.19	44	8.82	5.3	6.51	87.0	64.0	18.0	0.08	0.61	-	-	-
35	RIVER SAL AT ORLIM BRIDGE	0.11	180.0	24.00	29.2	62.25	379.0	277.0	45.0	0.08	0.96	-	-	-
36	RIVER MANDOVI AT AMONA BRIDGE	BDL	30.0	12.0	6.3	6.9	78.6	35.0	11.0	0.030	BDL	-	-	-
37	RIVER MANDOVI AT IFFI JETTY	0.08	1400.0	120.2	267.3	564.4	7842.0	5489.0	36.0	BDL	0.85	-	-	-
38	RIVER MANDOVI NEAR HOTEL MARRIOT	BDL	4000.0	400.8	729.0	1401.0	22570.0	14896.0	45.0	0.05	1.37	-	-	-
39	RIVER TIRACOL AT TIRACOL	0.22	504.0	38.5	99.1	19.90	36673.0	25167.0	42.0	0.03	0.56	-	-	-
40	RIVER CHAPORA AT SIOLIM BRIDGE	0.18	72.0	6.4	13.6	46.5	524.0	351.0	29.0	0.02	BDL	-	-	-
41	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	0.11	2840.0	224.0	554.0	837.0	19495.0	11697.0	68.0	0.25	1.29	-	-	-
42	RIVER SINQUERIM NEAR NERUL TEMPLE	0.15	3360.0	224.0	680.0	900.0	24542.0	14725.0	73.0	0.11	1.53	-	-	-
43	TIRACOL BEACH	0.11	6000.0	601.2	1093.5	3034.5	31521.0	20488.0	40.0	0.07	1.56	-	-	-
44	MIRAMAR BEACH	0.41	5600.0	200.4	1239.3	1067.4	15914.0	9707.0	41.0	0.14	0.96	-	-	-
45	CALANGUTE BEACH	0.21	5400.0	561.0	972.0	3652.0	39879.0	23927.0	86.0	0.245	1.64	-	-	-
46	MORJIM BEACH	0.31	7500.0	801.6	1336.5	2885.1	35372.0	24052.0	50.0	0.11	1.5	-	-	-
47	MOBOR BEACH	0.82	7400.0	641.3	1409.0	1577.0	31417.0	29419.0	152.0	0.03	1.67	-	-	-
48	BAINA BEACH	0.27	5800.0	401.0	1166.0	1089.0	34435.0	20661.0	73.0	0.21	1.41	-	-	-
49	GALGIBAG BEACH	BDL	8400.0	481.0	1750.0	1985.0	28382.0	18980.0	42.0	0.098	0.74	-	-	-
50	COLVA BEACH	BDL	13000.0	1202.0	2430.0	2411.0	25878.0	18956.0	33.0	0.06	0.58	-	-	-
51	VAGATOR BEACH	0.03	6000.0	401.0	1215.0	1026.0	38766.0	23250.0	83.0	0.039	1.61	-	-	-
52	VELSAO BEACH	0.09	5600.0	481.0	1069.0	1198.0	34006.0	20403.0	87.0	0.08	1.64	-	-	-
53	HARWALE WATER FALL	BDL	14.0	3.21	BDL	2.62	40.0	37.0	38.0	0.02	BDL	-	-	-
54	SALMONA SPRING	0.07	22.0	6.0	2.0	3.0	87.0	52.0	8.0	BDL	BDL	-	-	-
55	CHAPOLI DAM	0.11	18.0	5.0	BDL	2.8	35.0	21.0	12.0	BDL	BDL	-	-	-

BDL- BELOW DETECTION LIMIT