

**NWMP DATA FOR THE MONTH OF SEPTEMBER 2021**

SR.No	Name Of Monitoring Location	Temp (°C)	Velocity (m/s)	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	29	1	7.7	6.52	4617.0	BDL	0.13	0.14	330	170	49	11.75	BDL	28.0	1799.4	10.0	
2	RIVER ZUARI AT CORTALIM	29	0.2	6.7	7.35	4127.0	BDL	0.12	0.009	4900	3300	540	27.7	BDL	34.0	1123.10	4.0	
3	RIVER MANDOVI UNDER MANDOLI BRIDGE	29	0.2	7.5	6.74	5109.0	BDL	0.18	BDL	330	130	23	9.09	BDL	24.0	2149.3	-	
4	RIVER ZUARI AT PANCHAWADI	27	0.4	6.9	6.1	81.03	BDL	0.10	BDL	2200	1300	70	7.93	BDL	10.0	14.0	8.0	
5	RIVER MANDOVI AT TONCA- MARCELA	28	0.5	7.4	7.05	67.07	BDL	0.10	0.006	1300	790	240	19.13	BDL	14.0	10.5	4.0	
6	RIVER KALNA AT CHANDEL- FERNEM, GOA	28	2.1	7.8	6.29	63.26	BDL	0.12	BDL	2300	1300	230	11.83	BDL	18.0	5.5	6.0	
7	RIVER VALVANTI	28	1.2	7.9	6.33	51.70	BDL	0.31	BDL	1700	1100	78	3.71	BDL	16.0	4.5	6.0	
8	RIVER MADAI AT DABOS- VALPOL, GOA	27	0.5	8.2	6.61	64.97	BDL	BDL	0.05	940	490	49	4.5	BDL	24.0	4.5	4.0	
9	RIVER KHANDEPAR AT OPA	26.5	0.9	7.0	6.3	45.03	BDL	0.13	BDL	270	220	79	23.20	BDL	10.0	5.0	BDL	
10	RIVER TALPONA AT CANACONA, GOA	28	1.1	7.3	6.28	49.48	BDL	0.13	BDL	220	130	33	9.0	BDL	16.0	6.0	4.0	
11	RIVER ASSONORA	28	0.1	6.8	6.52	54.38	BDL	0.25	BDL	240	79	23	7.28	BDL	16.0	6.5	6.0	
12	SALAU LIM LAKE AT SALAU LIM	29	-	7.6	7.14	41.32	BDL	0.46	BDL	33	13	2.0	1.7	BDL	10.0	5.0	4.0	
13	INLET STP TONCA	28	-	-	5.1	-	312.5	-	-	2800000	2200000	540000	-	-	-	-	650.0	
14	OUTLET STP TONCA	28	-	-	6.67	-	8.8	-	-	<1.8	NIL	-	-	-	-	-	20.0	
15	AGRICANAL UP STREAM OF CUNCOLIM IDC	28	-	5.0	6.81	331.2	BDL	BDL	0.005	1300	790	240	3.72	BDL	16.0	25.44	4.0	
16	AGRICANAL DOWNSTREAM OF CUNCOLIM IDC	28	-	4.5	6.94	330.8	BDL	BDL	0.005	1700	1300	350	4.71	BDL	14.0	27.88	4.0	
17	CREEK AT DANDO MOLLO, VELSÃO	28	1.2	5.2	7.33	861.7	BDL	0.73	0.022	2100	1400	170	3.29	BDL	54.0	249.6	4.0	
18	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	29	0.2	8.1	7.7	118.2	BDL	0.10	BDL	2200	1300	49	13.50	BDL	12.0	23.0	4.0	
19	MAYEM LAKE	28	-	7.0	6.89	50.08	BDL	0.18	BDL	1300	780	17	2.82	BDL	10.0	9.0	4.0	
20	RIVER KHANDEPAR AT COOLI NEAR BRIDGE, U.S OPA WATER WORKS	26	1.2	7.3	6.2	38.0	BDL	0.10	BDL	1300	790	110	11.58	BDL	12.0	4.0	BDL	
21	RIVER SAL PAZORCONI	29	1.1	6.0	7.16	62.92	BDL	BDL	0.007	2600	2100	250	8.65	BDL	10.0	8.32	6.0	
22	RIVER KUSHAWATI NEAR BUND AT KEVONA	28	0.6	7.5	6.68	52.40	BDL	0.19	0.008	790	490	79	2.73	BDL	16.0	4.5	4.0	
23	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	27	0.2	6.3	7.39	44250	BDL	BDL	0.01	1700	790	140	10.41	BDL	40.0	17024.5	-	
24	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	29	0.2	4.3	6.17	173.9	2.7	0.71	BDL	7000	3300	330	16.2	BDL	22.0	28.9	10.0	
25	RIVER CHAPORA NEAR ALORNA FORT, FERNEM	28	0.2	7.9	6.34	78.1	BDL	0.18	0.008	2200	1700	490	11.34	BDL	18.0	4.5	6.0	
26	RIVER BICHOLIM BARAZAN NAGAR, BICHOLIM	28	0.3	7.0	6.95	58.56	BDL	BDL	BDL	4900	2300	330	5.37	BDL	16.0	5.5	10.0	
27	ANJUNEM LAKE	27	-	6.6	6.55	51.35	BDL	0.20	BDL	70	49	55	5.10	BDL	18.0	5.50	4.0	
28	RUMDER LAKE	28	1.2	5.2	6.17	115.4	BDL	0.19	BDL	1400	780	240	2.59	BDL	26.0	13.0	10.0	
29	CARAMBOLIM LAKE	28	-	6.4	7.07	111.4	BDL	BDL	BDL	3300	1300	33	6.09	BDL	16.0	9.0	6.0	
30	RAIA LAKE	29	-	6.3	6.50	96.37	BDL	BDL	0.005	1700	1100	130	5.5	BDL	16.0	10.5	4.0	
31	SAIPEM LAKE	29	-	3.6	7.37	291.9	4.4	0.1	0.194	4900	3300	330	16.09	BDL	24.0	17.6	12.0	
32	CURTORIM LAKE	27	-	6.1	6.54	90.95	BDL	BDL	BDL	490	130	230	4.12	BDL	16.0	9.0	4.0	
33	RIVER ZUARI AT BORIM BRIDGE	27	0.4	6.6	6.62	173.1	BDL	0.1	BDL	3900	1300	130	10.50	BDL	10.0	37.0	4.0	
34	RIVER ZUARI AT MADKAI JETTY	29	0.2	6.8	6.5	799.6	BDL	BDL	0.009	2800	1700	220	28.9	BDL	14.0	230.0	4.0	
35	RIVER SAL AT KHAREBAND, MARGAO	27	0.3	4.4	7.37	102.50	BDL	0.4	BDL	7000	4900	790	19.21	BDL	14.0	11.3	12.0	
36	RIVER SAL AT ORLIM BRIDGE	27	0.2	4.2	7.36	296.6	BDL	0.4	0.01	2200	1300	700	9.36	BDL	16.0	60.2	10.0	
37	RIVER MANDOVI AT AMONA BRIDGE	29	0.1	7.2	7.20	68.59	BDL	0.10	BDL	1300	790	110	10.17	BDL	12.0	10.0	4.0	
38	RIVER MANDOVI AT IFFI JETTY	28	0.2	8.0	7.24	16071	BDL	BDL	0.010	490	220	33	14.21	BDL	18.0	6971.24	-	
39	RIVER MANDOVI NEAR HOTEL MARRIOT	28	0.2	8.0	7.27	23405	BDL	BDL	0.009	330	170	17	16.63	BDL	24.0	13575.58	-	
40	RIVER TIRACOL AT TIRACOL	28	0.3	7.1	7.36	10.99	BDL	BDL	0.005	1100	700	110	12.60	BDL	28.0	3868.3	-	
41	RIVER CHAPORA AT SIOLIM BRIDGE	29	1	7.5	7.48	14.12	BDL	BDL	0.006	1700	1100	330	8.91	BDL	28.0	4617.0	-	
42	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	28	0.2	6.8	7.75	27290.0	BDL	0.1	0.005	490	330	110	5.55	BDL	28.0	9784.2	-	
43	RIVER SINQUERIM NEAR NERUL TEMPLE	28	0.2	7.0	7.38	29850.0	BDL	0.2	0.01	700	490	170	6.88	BDL	2.0	10469.0	-	
44	TIRACOL BEACH	29	-	6.7	7.76	46870.0	BDL	BDL	BDL	140	110	23	8.2	BDL	40.0	17220.3	-	
45	MIRAMAR BEACH	28	-	7.5	8.05	19370.0	BDL	BDL	0.005	220	130	70	18.11	BDL	16.0	17333.86	-	
46	CALANGUTE BEACH	29	-	7.0	7.6	49430.0	BDL	0.1	0.055	240	130	22	25.0	BDL	44.0	17514.0	-	
47	MORIM BEACH	29	-	7.0	7.75	45270.0	BDL	BDL	0.008	79	49	33	12.73	BDL	40.0	17220.3	-	
48	MOBOR BEACH	27	-	6.8	7.46	45460.0	BDL	0.1	0.04	280	130	23	15.48	BDL	8.0	16926.6	-	
49	BAINA BEACH	30	-	6.3	7.8	32930.0	BDL	0.2	0.01	540	220	110	4.06	BDL	38.0	12328.0	-	
50	GALGIBAG BEACH	29	-	7.0	7.69	45630.0	BDL	0.29	0.022	140	79	34	22.1	BDL	48.0	17994.0	-	
51	COLVA BEACH	29	-	6.0	7.75	45090.0	BDL	0.098	0.034	280	170	110	13.79	BDL	36.0	17856.17	-	
52	VAGATOR BEACH	29	-	7.1	7.68	48370.0	BDL	0.3	0.03	280	130	33	18.68	BDL	42.0	17318.0	-	
53	VELSAO BEACH	29	-	7.1	7.56	38710.0	BDL	0.31	0.009	280	170	84	3.56	BDL	2.0	82.0	14475.1	-
54	HARWALE WATER FALL	27	0.6	7.8	6.63	60.31	BDL	0.25	BDL	3300	2300	490	12.04	BDL	16.0	6.50	6.0	
55	SALMONA SPRING	29	-	7.7	6.6	156.30	BDL	0.4	BDL	790	490	270	3.17	BDL	6.0	25.9	8.0	
56	CHAPOLI DAM	28	-	6.8	7.02	59.73	BDL	0.13	BDL	280	130	<1.8	3.88	BDL	16.0	7.5	4.0	

Please note : BDL-Below Detection Limit

NWMP DATA FOR THE MONTH OF SEPTEMBER 2021

Sr.No	Name Of Monitoring Location	Total Kjeldhal Nitrogen (mg/l)	Ammonia-N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Sodium (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids (mg/l)	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Boron (mg/l)	Potassium (mg/l)	Flouride (mg/l)	Oil & Grease (mg/l)	MLSS (mg/l)	Residual Chlorine (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	2.80	0.05	400.0	64.1	58.3	50.19	-	2751.0	1690.0	33.0	0.04	BDL	-	0.84	-	-	-
2	RIVER ZUARI AT CORTALIM	1.10	0.11	420.0	96.2	43.7	93.6	1266.0	2520.0	1518.0	38.0	0.03	BDL	48.0	0.27	-	-	-
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	2.24	BDL	440.0	72.1	63.2	86.04	-	3193.0	1944.0	29.0	BDL	BDL	-	0.98	-	-	-
4	RIVER ZUARI AT PANCHAWADI	1.12	BDL	14.0	5.0	BDL	4.0	27.9	54.0	32.0	6.0	BDL	2.24	14.5	BDL	-	-	-
5	RIVER MANDOVI AT TONCA- MARCELA	1.68	BDL	12.0	3.0	BDL	3.00	28.10	45.0	27.0	3.0	0.02	BDL	14.5	BDL	-	-	-
6	RIVER KALNA AT CHANDEL- FERNEM, GOA	1.12	0.13	22.0	4.81	2.43	2.25	-	35.0	21.0	19.0	BDL	BDL	-	BDL	-	-	-
7	RIVER VALVANTI	0.56	BDL	14.0	4.0	BDL	BDL	-	33.0	22.0	8.0	BDL	BDL	-	BDL	-	-	-
8	RIVER MADAJ AT DABOS - VALPOL GOA	0.56	BDL	22.0	5.61	BDL	BDL	-	40.0	28.0	5.0	BDL	BDL	-	BDL	-	-	-
9	RIVER KHANDEPAR AT OPA	1.68	BDL	12.0	3.0	BDL	BDL	30.0	30.0	18.0	3.0	BDL	0.84	15.4	BDL	-	-	-
10	RIVER TALPONA AT CANACONA, GOA	1.1	BDL	12.0	2.4	BDL	BDL	28.5	30	27.0	5.0	0.04	BDL	14.8	BDL	-	-	-
11	RIVER ASSONORA	1.12	BDL	16.0	4.0	BDL	2.82	-	34.0	17.0	7.0	BDL	BDL	-	BDL	-	-	-
12	SALAULIM LAKE AT SALAULIM	1.1	BDL	96.0	26.5	7.3	BDL	33.5	26.0	18.0	4.0	BDL	BDL	15.7	BDL	-	-	-
13	INLET STP TONCA	-	14.82	-	-	-	-	-	-	-	123.0	24.14	-	-	-	-	123.0	-
14	OUTLET STP TONCA	-	0.09	-	-	-	-	-	-	-	2.0	0.661	-	-	-	<10.0	-	3.01
15	AGRICAL CANAL UP STREAM OF CUNCOLIM IDC	2.8	0.05	98.0	44	13.12	47.28	42.4	200.0	97.0	6.0	BDL	BDL	6.70	0.31	-	-	-
16	AGRICAL CANAL DOWNSTREAM OF CUNCOLIM IDC	2.24	0.06	78.0	28.0	12.15	47.82	42.8	197.1	93.1	5.0	BDL	BDL	6.7	0.22	-	-	-
17	CREEK AT DANDO MOLLO, VELSÃO	1.7	0.22	120.0	27.3	12.6	8.64	471.8	490.0	343.0	8.0	0.02	BDL	11.7	0.32	-	-	-
18	CUMBARJUA CANAL, CORLIM(DISCHARGE POINT OF SYNGENTA)	2.24	BDL	18.0	5.6	BDL	5.0	29.2	81.0	48.0	3.0	0.02	0.22	13.70	BDL	-	-	-
19	MAYEM LAKE	1.1	BDL	16.0	2.40	2.4	BDL	28.60	30.0	27.0	5.0	0.030	BDL	15.40	BDL	-	-	-
20	RIVER KHANDEPAR AT COOLI NEAR BRIDGE, US OPA WATER WORKS	1.7	BDL	12	3	BDL	BDL	32.1	25.0	15.0	5.0	BDL	0.12	16.40	BDL	-	-	-
21	RIVER SAL PAZORCONI	2.24	0.06	24.0	8	3.89	14.91	28.6	38.0	17.0	8.0	BDL	BDL	14.4	BDL	-	-	-
22	RIVER KUSHAWATI NEAR BUND AT KEVONA	1.7	BDL	118.0	30.5	37.7	2.0	31.0	30.0	21.0	7.0	0.05	BDL	15.5	BDL	-	-	-
23	RIVER SAL NEAR HOTEL, LEELA MOBOR, CAVELOSSIM	1.12	0.12	6000.0	320.6	1263.6	1693.0	10319.0	29694.0	20694.0	54.0	0.05	1.3	276.1	0.9	-	-	-
24	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	1.68	0.15	38.0	9.62	3.40	7.81	-	103.0	61.0	25.0	0.09	BDL	-	BDL	-	-	-
25	RIVER CHAPORA NEAR ALORNA FORT, FERNEM	1.12	0.06	20.0	4.8	BDL	2.29	-	48.0	28.0	2.0	BDL	BDL	-	BDL	-	-	-
26	RIVER BICHOLIM BARAZAN NAGAR, BICHOLIM	1.7	BDL	14.0	2.4	BDL	BDL	28.60	35.0	32.0	4.0	0.04	BDL	14.8	BDL	-	-	-
27	ANJUNEM LAKE	1.12	BDL	12.0	4.0	BDL	BDL	-	31.0	18.0	6.0	BDL	BDL	-	BDL	-	-	-
28	RUMDER LAKE	1.7	BDL	28.0	7.21	2.4	4.41	32.60	68.0	61.0	16.0	0.06	BDL	10.4	BDL	-	-	-
29	CARAMBOLIM LAKE	1.12	BDL	38.0	13.0	BDL	5.0	28.5	76.0	45.0	4.0	0.02	0.57	13.9	BDL	-	-	-
30	RAJA LAKE	1.1	BDL	166.0	37.7	17.5	4.12	28.4	60.0	43.0	11.0	BDL	BDL	13.8	0.24	-	-	-
31	SAIPEM LAKE	0.56	0.16	66.0	18.4	4.90	14.1	29.0	187.0	117.0	20.0	0.1	BDL	10.2	BDL	-	-	-
32	CURTORIM LAKE	1.7	BDL	198.0	44.9	20.9	4.23	28.6	54.0	40.0	9.0	BDL	BDL	14.0	BDL	-	-	-
33	RIVER ZUARI AT BORIM BRIDGE	1.1	BDL	18.0	4.0	BDL	6.0	34.4	118.0	70.0	3.0	0.0	BDL	12.5	BDL	-	-	-
34	RIVER ZUARI AT MADKAI JETTY	1.12	BDL	72.0	14.0	9.0	26	197.9	543.0	320.0	11.0	0.12	0.32	4.0	BDL	-	-	-
35	RIVER SAL AT KHAREBAND, MARGAO	1.68	0.09	34.0	7.2	3.9	7.9	27.8	62.0	42.0	36.0	0.07	BDL	12.5	BDL	-	-	-
36	RIVER SAL AT ORLIM BRIDGE	1.12	0.07	48.0	8.8	6.30	19.2	49.7	178.0	108.0	40.0	0.07	BDL	8.8	0.2	-	-	-
37	RIVER MANDOVI AT AMONA BRIDGE	1.12	BDL	14.0	3.0	BDL	4.0	28.4	46.0	26.0	5.0	0.02	BDL	15.0	BDL	-	-	-
38	RIVER MANDOVI AT IFFI JETTY	3.36	0.08	2000.0	1500.0	121.50	704.45	266.3	9999.00	3018.0	22.0	BDL	BDL	4.6	0.33	-	-	-
39	RIVER MANDOVI NEAR HOTEL MARRIOT	3.36	0.08	4500.0	3000.0	364.5	1311.2	450.3	14018.0	5689.0	25.0	BDL	BDL	16.6	BDL	-	-	-
40	RIVER TIRACOL AT TIRACOL	0.6	BDL	5300.0	721.4	850.5	684.0	2565.00	6923.0	5192.0	18.0	BDL	BDL	96.0	0.33	-	-	-
41	RIVER CHAPORA AT SIOLIM BRIDGE	0.6	BDL	9000.00	1282.6	1409.4	388.8	3377.00	9460.0	7378.0	15.0	BDL	BDL	122.0	0.38	-	-	-
42	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	4.48	0.08	3400.0	280.6	656.1	1076.7	6236.0	18594.0	13594.0	68.0	BDL	0.98	204.3	0.08	-	-	-
43	RIVER SINQUERIM NEAR NERUL TEMPLE	1.12	0.13	3700.0	320.0	704.7	1055.1	6447.0	20078.0	14078.0	84.0	0.03	1.2	206.7	0.9	-	-	-
44	TIRACOL BEACH	1.1	BDL	20400.0	2805.6	3256.2	1209.6	13900.0	30465.0	24372.0	14.0	BDL	0.28	365	0.67	-	-	-
45	MIRAMAR BEACH	3.9	0.06	5600.0	3600.0	486.0	1635.16	3840.00	13108.0	5813.0	14.0	BDL	0.82	41.9	0.56	-	-	-
46	CALANGUTE BEACH	1.12	0.20	6700.0	440.9	1360.8	2292.5	12005.0	34687.0	22587.0	46.0	0.12	1.63	304	0.9	-	-	-
47	MORJIM BEACH	1.1	BDL	22200.0	3046.1	3547.8	1195.2	14728.0	26709.0	20298.0	20.0	0.06	0.82	373.5	0.74	-	-	-
48	MOBOR BEACH	1.12	0.05	6100.0	400.8	1239.3	1952.0	11683.0	31044.0	19044.0	75.0	0.06	1.5	296.0	0.9	-	-	-
49	BAINA BEACH	1.12	0.22	4100.0	360.7	777.6	1079.00	7347.00	22326.0	14236.0	36.0	0.05	0.9	224.1	0.5	-	-	-
50	GALGIBAG BEACH	3.4	0.22	4960.0	320.6	1011.0	660.00	12673.0	26989.0	24984.0	199.0	0.20	0.4	307.8	0.30	-	-	-
51	COLVA BEACH	5.04	0.10	5600.0	3200.0	583.20	5455.7	10209.0	25725.5	12270.0	4.0	0.037	0.86	275.8	0.68	-	-	-
52	VAGATOR BEACH	1.68	0.14	6600.0	400.8	1360.8	1916.0	10886.0	32944.0	19944.0	52.0	0.06	1.6	291.7	1.0	-	-	-
53	VELSAO BEACH	1.1	0.22	5000.0	641.3	826.2	662.4	13175.00	24700.0	19266.0	8.0	0.02	BDL	354.3	0.64	-	-	-
54	HARWALE WATER FALL	0.56	0.05	16.0	4.81	BDL	BDL	-	37.0	26.0	10.0	BDL	BDL	-	BDL	-	-	-
55	SALMONA SPRING	1.12	0.07	22.0	2.4	3.89	1.9	31.2	92.0	52.0	37.0	BDL	BDL	13.3	BDL	-	-	-
56	CHAPOLI DAM	1.1	BDL	16.0	3.21	BDL	2.37	28.60	35.0	32.0	4.0	0.03	BDL	14.9	BDL	-	-	-

Please note : BDL-Below Detection Limit