

SWMP DATA FOR THE MONTH OF DECEMBER 2024																																								
No. No.	Name Of Monitoring Location	Velocity (m/s)	Temp(°C)	DO (mg/l)	pH	Cond.(µm/cm)	BOD (mg/l)	Nitrate- N (mg/l)	Nitrite- N (mg/l)	Total Calcium (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	E.Coli(MPN/100ml)	Turbidity (NTU)	Phospholipidic Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chlorides (mg/l)	COD (mg/l)	Total Kjeldahl Nitrogen(mg/l)	Ammonia- N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Sodium (Na) (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids (mg/l)	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Boron (mg/l)	Potassium (K) (mg/l)	Fluoride (mg/l)	SAR	% Sodium	Oil & Grease (mg/l)	MLSS (mg/l)	MLVSS (mg/l)	Residual Chlorine (mg/l)		
	Limit for SW II as per CPCB classification based on designated Use use			>4.0 mg/l	6.5-8.5		<3.0 mg/l				<100 MPN/100ml			30 NTU																										
1	RIVER MANDOV AT BRANDER-CHODIA FERRY, PANAJI-GOA	0.8	30	4.4	7.71	31180.0	BDL	0.30	0.009	110	78	70	-	6.27	BDL	36.0	13072.50	-	0.36	BDL	4400.0	721.4	631.8	2007.2	6702.0	19448.0	8063.0	10.0	0.08	1.373	3802.0	0.8	237.45	88.4	-	-	-	-	-	
2	RIVER MANDOV UNDER MANDOV BRIDGE, PANAJI-GOA	1.0	30	4.8	7.73	33040.0	BDL	0.3	0.009	220	170	110	-	5.17	BDL	64.0	15217.70	-	1.08	BDL	5000.0	361.1	874.8	2746.9	7380.0	22480.0	9264.0	8.0	0.08	1.538	3209.0	0.6	272.4	88.0	-	-	-	-	-	
3	RIVER MANDOV AT TONCA- MARCELA	1.1	29	5.4	7.04	17780.0	BDL	0.12	0.006	400	330	140	-	1.03	BDL	44.0	5408.3	-	0.36	BDL	1640.0	112.2	330.5	225.1	4015.0	9263.0	6286.0	8.0	BDL	4439	2009.0	0.9	307.21	94.63	-	-	-	-	-	
4	COMBARKU CANAL COMBINE/DISCHARGE POINT OF SYNGENTA)	-	30	7.9	7.14	22880.0	BDL	0.15	0.01	3500	1300	280	-	9.82	BDL	54.0	8272.4	-	0.36	BDL	2480.0	144.5	495.7	1096.2	9270.0	13001.0	8480.0	14.0	0.02	0.644	2613.0	0.5	261.42	92.31	-	-	-	-	-	
5	RIVER MAROIA ON CULVERT ON HIGHWAY MAROIA-PANAJI	0.6	30	5.7	7.23	238.0	BDL	0.30	BDL	3300	2300	200	-	6.79	BDL	30.0	4439	14.0	3.36	0.20	32.0	12.8	4.9	9.9	52.0	1461.0	63.0	10.0	BDL	BDL	5.1	0.1	17.49	76.4	-	-	-	-	-	
6	RIVER MANDOV AT AMONA BRIDGE, AMONA-GOA	1.4	30	6.8	7.19	9610.0	BDL	0.13	0.006	330	230	140	-	2.99	BDL	38.0	4386.6	-	0.36	BDL	780.0	80.2	140.9	166.9	3193.0	5570.0	3270.0	9.0	BDL	0.816	1613.0	0.8	303.68	95.4	-	-	-	-	-	
7	RIVER MANDOV AT BHEUTTY, PANAJI-GOA	1.3	30	5.5	7.86	49030.0	BDL	0.5	0.013	130	78	49	-	5.11	BDL	68.0	15078.9	-	1.12	BDL	700.0	481.0	1489.4	1648.30	8702.0	28482.0	12864.0	9.0	0.07	1.961	3528.0	0.8	283.05	88.4	-	-	-	-	-	
8	RIVER MANDOV NEAR HOTEL MARBROT, PANAJI-GOA	1.5	30	5.8	7.66	44880.0	BDL	0.5	0.012	230	130	110	-	5.10	BDL	74.0	16787.8	-	2.80	0.07	7000.0	561.10	1506.6	3425.5	902.0	27460.0	11362.0	9.0	0.03	1.994	3179.0	0.5	296.32	86.1	-	-	-	-	-	
9	RIVER TRACOL AT TRACOL, PERNEM-GOA	1.8	28	4.1	7.84	44040.0	BDL	0.1	0.018	1700	790	220	-	2.57	BDL	90.0	12121.2	-	2.80	BDL	4000.0	2000.9	631.8	379.1	9030.9	24447.0	8322.0	5.0	0.03	2.781	546.9	BDL	336.93	87.0	-	-	-	-	-	
10	RIVER CHAPORA AT SKOLIM BRIDGE, SKOLIM	1.6	29	5.3	7.86	38280.0	BDL	0.1	0.012	2400	790	300	-	3.12	BDL	70.0	11871.3	-	2.24	BDL	4400.0	1800.9	631.8	1377.7	9030.9	21096.0	7478.0	7.0	0.03	2.422	510.9	0.3	346.76	87.6	-	-	-	-	-	
11	RIVER SINGERIM CANDOIM NEAR BRIDGE, CANDOIM-GOA	1.4	29	4.7	7.84	47760.0	BDL	0.1	0.008	1000	1700	330	-	3.19	BDL	92.0	16794.8	-	0.36	BDL	6800.0	641.3	1263.6	1541.8	11125.0	30528.0	18317.0	9.0	0.02	4.087	984.9	1.4	360.48	85.93	-	-	-	-	-	
12	RIVER SINGERIM NEAR NERUA TEMPLE CANDOIM-GOA	1.3	29	4.0	7.04	47860.0	BDL	0.1	0.008	4000	2700	400	-	7.40	BDL	92.0	10984.7	-	1.12	0.05	6400.0	721.4	1117.9	3896.5	12009.0	30502.0	18351.0	13.0	0.03	4.974	706.0	1.4	430.33	88.20	-	-	-	-	-	
13	TRACOL BEACH, PERNEM-GOA	-	28	4.9	7.99	50290.0	BDL	0.1	0.023	130	79	33	-	4.45	BDL	84.0	10884.7	-	2.24	BDL	8800.0	4800.0	972.0	2387.7	9260.0	26311.0	8940.0	9.0	0.05	2.734	640.0	0.8	258.06	79.4	-	-	-	-	-	
14	MIRAMAR BEACH, PANAJI-GOA	-	30	6.2	7.99	49290.0	BDL	0.5	0.017	23	13	11	-	15.81	BDL	100.0	17380.6	-	1.08	BDL	7000.0		721.4	1263.6	2913.9	27463.0	31345.0	12618.0	18.0	0.12	2.051	923.2	0.5	87.13	64.9	-	-	-	-	-
15	CALANGUTE BEACH	-	30	6.1	8.11	5630.0	BDL	0.2	BDL	79	33	21	-	4.99	16.0	116.0	17464.6	-	1.08	0.10	18000.0	801.6	1344.0	1485.2	12475.0	32122.0	19273.0	7.0	0.03	5.261	375.0	1.5	336.79	82.62	-	-	-	-	-	
16	MOURIM BEACH	-	29	6.0	8.01	50780.0	BDL	0.1	0.016	79	33	13	-	6.27	BDL	96.0	10880.8	-	1.08	BDL	8000.0	3800.0	1020.0	2217.9	9370.0	27347.0	9366.0	12.0	0.03	3.609	640.0	0.8	262.74	79.7	-	-	-	-	-	
17	VAGATOR BEACH	-	30	6.5	8.14	58470.0	BDL	BDL	BDL	79	49	32	-	2.79	12.0	86.0	17984.4	-	0.36	BDL	7800.0	641.3	1506.6	1486.4	10825.0	32380.0	19381.0	4.0	0.02	5.038	476.0	1.5	336.32	84.63	-	-	-	-	-	
18	UPSTREAM OF RIVER MANDOV, M/S VIDANTA PVT. LTD.	1.6	30	5.2	6.98	9084.0	BDL	0.2	BDL	4900	2300	170	-	3.60	BDL	38.0	3308.9	-	1.12	BDL	1200.0	320.4	97.2	147.1	2648.0	4904.0	1077.0	8.0	BDL	0.729	110.9	0.7	182.46	86.8	-	-	-	-	-	
19	DOWNSTREAM OF RIVER MANDOV, M/S VIDANTA PVT. LTD.	1.8	30	5.6	7.09	8932.0	BDL	0.2	0.006	1300	1300	68	-	4.33	BDL	40.0	3468.9	-	1.08	BDL	1200.0	160.3	194.4	152.8	2410.9	4923.0	1073.0	9.0	BDL	0.669	110.9	0.8	180.36	87.7	-	-	-	-	-	
20	ARABIMOL BEACH	-	29	5.8	8.03	49870.0	BDL	0.1	0.018	350	130	110	-	6.27	BDL	94.0	10880.8	-	1.08	BDL	7800.0	3800.0	972.0	2866.6	9546.0	26060.0	9064.0	13.0	0.04	2.880	630.0	BDL	270.19	80.3	-	-	-	-	-	
21	RAGA BEACH	-	30	5.6	7.95	50390.0	BDL	0.8	0.007	240	79	40	-	4.71	14.0	46.0	17794.5	-	0.36	BDL	7400.0	721.4	1300.8	2121.8	12675.0	32102.0	19310.0	4.0	0.02	5.271	680.0	1.4	382.82	86.44	-	-	-	-	-	
22	BAMBOLIM BEACH	-	28	6.9	7.79	47070.0	BDL	0.2	0.025	170	130	49	-	10.79	8.0	82.0	17794.50	-	1.12	BDL	6200.0	1992.08	874.89	2331.93	9921.0	25487.0	12887.0	18.0	0.04	1.942	2175.0	1.3	161.19	79.84	-	-	-	-	-	

No. No.	Name Of Monitoring Location	Velocity (m/s)	Temp(°C)	DO (mg/l)	pH	Cond.(µm/cm)	BOD (mg/l)	Nitrate- N (mg/l)	Nitrite- N (mg/l)	Total Calcium (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	E.Coli(MPN/100ml)	Turbidity (NTU)	Phospholipidic Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chlorides (mg/l)	COD (mg/l)	Total Kjeldahl Nit
---------	-----------------------------	----------------	----------	-----------	----	--------------	------------	-------------------	-------------------	---------------------------	----------------------------	--------------------------------	-------------------	-----------------	----------------------------------	-------------------------	------------------	------------	--------------------

NWMP DATA FOR THE MONTH OF DECEMBER 2024																																								
Sl. 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 Calcium (MPPN/100ml)	Total Calcium (MPPN/100ml)	Total Suspended (MPPN/100ml)	Turbidity (NTU)	Phospholipids Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chloride (mg/l)	COD (mg/l)	Total Kjeldahl Nitrogen (mg/l)	Ammonia-N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Sodium (Na) (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids (mg/l)	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Boron (mg/l)	Potassium (K) (mg/l)	Fluoride (mg/l)	SAR (mg/l)	Percent Sodium (%)	Oil & Grease (mg/l)	MLSD (mg/l)	MLVSD (mg/l)	Residual Chlorine (mg/l)			
	Link for SW II as per CPCB classification based on designated list use			>4.0 mg/l	6.5-8.5		<3.0 mg/l			<100 MPPN/100 ml			30 NTU																											
1	RIVER ZUARI AT CORTIMAN, CORTIMAN-GOIA	29	0.2	6.8	7.45	36000.0	BDL	0.1	0.004	1700	1700	270	12.35	BDL	740	10000.0	-	0.56	BDL	4000.0	401.0	856.2	1490.4	3000.0	14733.0	14050.0	13.0	0.07	3.307	000.0	1.2	103.55	86.97	-	-	-	-	-		
2	RIVER ZUARI AT NADKAD BETTY, MARCAM-GOIA	28	0.5	6.8	7.88	43000.0	BDL	0.15	0.02	2000	820	240	7.39	BDL	900	10000.0	-	1.12	0.06	8000.0	330.44	17966	7500.0	11000.0	24000.0	14070.0	8.0	0.04	3.081	4300.0	BDL	400.10	90.38	-	-	-	-	-		
3	RIVER ZUARI AT BORDI BRIDGE, BORDI	29	0.4	6.8	7.37	24070	BDL	1.9	0.06	1700	1300	110	5.74	BDL	540	6907.2	-	1.12	BDL	4000.0	801.6	3632	9301.5	10070.0	13010.0	6300.0	8.0	0.06	0.915	5300.0	0.9	40.35	53.70	-	-	-	-	-		
4	RIVER ZUARI AT PANCHANASH	29	0.3	5.1	6.23	31700.0	BDL	0.46	0.014	450	200	130	3.71	BDL	300	2040.40	-	1.08	BDL	3000.0	320.6	194.4	1114.0	13003	13240.0	5.0	0.06	0.16	100.0	0.1	13.2	35.30	-	-	-	-	-			
5	RIVER SAL AT KUMDER, NIVEM, SALCETE-GOIA	29	0.3	2.3	6.64	132.4	3.2	BDL	BDL	4000	2700	270	6.40	BDL	260	22.5	20.0	1.12	BDL	90.0	10.4	9.7	21.7	23.6	0.0	11.0	0.02	BDL	2.6	BDL	7.44	70.50	-	-	-	-	-			
6	RIVER SAL FALGUCIONI	30	0.3	5.5	6.67	90.74	BDL	0.2	0.007	7000	3300	400	3.87	BDL	200	12.5	6.0	2.24	BDL	20.0	4.0	1.0	6.8	21.0	60.0	20.0	7.0	BDL	BDL	3.6	0.3	11.47	70.50	-	-	-	-	-		
7	RIVER SAL FALGUCIONI	30	0.6	1.0	7.01	107.5	1.1	BDL	BDL	0.01	9300	3500	540	16.38	BDL	400	12.39	10.0	1.12	0.13	110.0	12.03	24.3	14.15	37.1	112.0	67.0	17.0	0.19	BDL	17.8	BDL	840	10.57	-	-	-	-	-	
8	RIVER SAL AT ORLEM BRIDGE, ORLEM	30	0.6	3.0	6.58	13400.0	5.2	0.2	0.018	1700	1100	200	0.65	BDL	740	4606.0	20.0	1.7	0.11	3000.0	400.8	972.0	364.9	240.0	8070.0	3220.0	4.0	0.02	0.354	121.0	0.1	0.4	21	-	-	-	-	-		
9	RIVER SAL NEAR HOTEL LEEJA MOROR, CORVADOIM	30	0.7	4.1	7.76	54000.0	BDL	0.108	0.01	3300	1300	220	3.08	BDL	4000.0	15270.23	-	0.56	BDL	4000.0	361.32	1117.0	1315.48	14900.0	34000.0	20000.0	3.0	0.03	3.243	7400.0	BDL	514.26	93.0	-	-	-	-	-		
10	MOROR BEACH	29	-	6.6	8.08	40000.0	BDL	0.11	0.01	540	170	70	7.25	6.0	80.0	17004.42	-	0.56	BDL	7000.0	501.32	1555.2	3000.0	13250.0	15000.0	10700.0	6.0	0.03	3.384	0315.5	BDL	406.56	90.15	-	-	-	-	-		
11	GALEBRAG BEACH	30	-	7.9	7.09	10700.0	BDL	0.1	0.017	32	22	13	6.42	8.0	80.0	17004.6	-	0.56	BDL	7000.0	480.96	1551.2	1001.0	9100.0	20000.0	10720.0	10.0	0.04	3.125	402.0	0.7	100.77	87.12	-	-	-	-	-		
12	AGONDA BEACH	30	-	8.2	7.04	50000.0	BDL	0.1	0.019	110	70	70	5.29	14.0	74.0	17004.6	-	1.12	BDL	7200.0	480.96	1400.0	1001.0	9270.0	20000.0	22.0	0.04	2.940	4712.0	1.0	100.79	87.82	-	-	-	-	-			
13	FALGUCIM BEACH	30	-	6.9	7.01	40000.0	BDL	BDL	0.012	540	350	220	3.66	8.0	80.0	17244.7	-	1.08	BDL	7000.0	721.4	1263.6	1000.0	9001.0	20000.0	19727.0	20.0	0.03	2.308	4000.0	1.5	200.63	87.31	-	-	-	-	-		
14	BARRING BEACH	30	-	6.5	7.12	40700.0	BDL	0.1	0.02	33	23	13	4.79	10.0	84.0	17300.60	-	1.12	BDL	7000.0	501.11	1500.0	1000.0	9475.0	19001.0	25.0	0.06	3.000	4740.0	1.1	200.20	87.57	-	-	-	-	-			
15	VELLAO BEACH	29	-	7.0	7.02	47200.0	BDL	1.6	0.018	300	130	94	8.33	16.0	80.0	17244.7	-	1.12	0.08	7000.0	641.3	1300.8	1210.0	14300.0	30214.0	18110.0	12.0	0.06	4.303	1050.0	1.2	451.97	86.46	-	-	-	-	-		
16	BOGOMAO BEACH	29	-	8.2	8.12	32170.0	BDL	0.1	BDL	220	70	23	3.27	4.0	80.0	10004.7	-	1.08	0.02	6000.0	401.0	1312.0	2101.0	1000.0	20434.0	10007.0	11.0	0.02	2.203	350.0	BDL	100.35	77.4	-	-	-	-	-		
17	NAVA BEACH	29	-	5.3	8.23	15200.0	BDL	BDL	BDL	540	240	110	1.57	6.0	92.0	10000.0	-	1.08	0.01	7000.0	400.8	1500.8	2240.0	6000.0	30000.0	10223.0	12.0	0.02	2.25	150.0	BDL	100.81	77.0	-	-	-	-	-		
18	METALASTIM BEACH	29	-	6.4	7.06	40000	BDL	BDL	0.007	30	70	40	0.82	8.0	80.0	10204.03	-	3.36	BDL	6200	400.0	1263.2	1307.02	2020.0	4700	31010.0	100.0	0.14	5.035	300.2	BDL	100.30	60.63	-	-	-	-	-		
19	BEVAGIM BEACH	29	-	6.4	11.32	10000	BDL	BDL	0.007	140	70	40	11.32	6.0	80.0	10004.0	-	3.0	BDL	6500	440.08	1312.2	1428.05	2701.0	30000.0	20000.0	170.0	0.17	4.402	300.0	BDL	10.20	63.81	-	-	-	-	-		
20	VERCA BEACH	29	-	5.3	7.09	40000	BDL	BDL	0.007	70	40	17	7.09	8.0	84.0	17704.49	-	2.00	BDL	6700.0	300.72	1400.4	1300.10	2007.0	41000.0	30000.0	130.0	0.08	5.000	610.1	BDL	90.00	65.53	-	-	-	-	-		
21	OLIVA BEACH	29	-	7.5	7.09	40000.0	BDL	BDL	0.006	240	130	110	0.50	8.0	80.0	15000.09	-	2.00	BDL	6000.0	300.72	1330.5	1400.35	2722.0	42330.0	32240.0	100.0	0.11	4.700	370.4	BDL	93.44	64.62	-	-	-	-	-		
22	OLIVA CREEK UPSTREAM, COVA-GOIA	29	-	7.2	7.43	41.2	BDL	BDL	0.017	1000	2300	170	7.27	BDL	40.0	60.5	8.0	1.08	0.213	80.0	15.2	7.60	14.3	25.3	360.0	1112.0	8.0	0.10	BDL	10.7	0.30	6.67	60.7	-	-	-	-	-		
23	OLIVA CREEK DOWNSTREAM, COVA-GOIA	29	-	6.9	7.80	402.0	BDL	BDL	0.011	7000	3300	220	8.03	BDL	50.0	75.40	6.0	2.24	0.100	70.0	10.8	8.5	14.06	33.8	32.0	80.0	15.0	0.13	BDL	23.0	1.33	0.6	60.6	-	-	-	-	-		
Sl. 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 Calcium (MPPN/100ml)	Total Calcium (MPPN/100ml)	Total Suspended (MPPN/100ml)	Turbidity (NTU)	Phospholipids Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chloride (mg/l)	COD (mg/l)	Total Kjeldahl Nitrogen (mg/l)	Ammonia-N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Sodium (Na) (mg/l																