

**GANESH VISARJAN (IDOL EMERSION)DATA 2019-2021**

**River Mandovi at Ferry Point**

Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 1:00 p.m	17/08/2020 01:00 p.m	31-08-2021 12:45 p.m	09/09/2019 12:45 p.m	31/08/2020 01:00 p.m	17/09/2021 1:00 p.m	23/09/2019 12:30 pm	11/09/2020 12:20p.m	27-09-2021 12:45 p.m	-
2	Weather	Sunny	Cloudy	Raining	Sunny	Clear	Raining	Sunny	Raining	Clear	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colourfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.41	6.66	7.15	6.74	6.81	7.16	6.77	8.07	7.32	6.5-8.5
7	Temperature °C	28	27	28	28	29	29	29	29	29	-
8	Cond ms/cm	9.82	215.05	13420	6.63	4140	12710	17.11	11970	29800	-
9	Turb NTU	6.12	57.7	4.99	31.6	15.3	9.32	7.82	11.67	5.58	30
10	DO mg/l	6.2	7.0	7.3	6.2	6.8	7.1	5.6	6.5	6.3	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	≤3.0
12	Chemical Oxygen Demand	-	10.0	-	-	4.0	8.0	-	8.0	-	-
13	Total Dissolved Solids mg/l	5698.0	136.0	7157.0	3845.0	2401.0	7751.0	10245.0	7062.0	19370.0	-
14	Total Solids mg/l	6662.0	167.0	7515.0	4352.0	2558.0	10383.0	17892.0	7259.0	24998.0	-
15	Chromium mg/l	0.081	BDL	0.038	BDL	BDL	0.036	BDL	BDL	0.034	-
16	Lead mg/l	BDL	BDL	<0.035	0.124	BDL	0.074	BDL	0.054	0.056	-
17	Zinc mg/l	0.039	0.040	0.013	0.067	0.064	0.042	0.035	0.075	0.325	-
18	Copper mg/l	1.080	0.021	0.022	0.897	0.018	0.010	0.886	0.034	0.005	-

**River Mapusa at Taricode- Mapusa**

Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh Visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 12:00 pm	17.08.2020 & 12:00 p.m	31-08-2021 & 11:30 am	09/09/2019 01.10 pm	31.08.2020 & 12:00 p.m	17-09-2021 & 12:15 pm	23/09/2019 10:40 am	11.09.2020 & 10:30 a.m	27-09-2021 & 11:30 am	-
2	Weather	Sunny	Cloudy	Clear	Sunny	Clear	Clear	Sunny	Sunny	Clear	-
3	Colour	Colourless	Light Brown	L.Turbid	Colourless	Light Brown	Colourfree	Colourless	Clear	L.Turbid	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.21	6.35	6.45	6.6	6.30	6.82	6.56	7.73	6.13	6.5-8.5
7	Temperature °C	28	27	28	29	28	29	29	29	29	-
8	Cond µs/cm	274.1	94.9	297.5	81.7	146.85	350.00	508.0	218.80	264.90	-
9	Turb NTU	12.05	7.58	7.26	4.38	1.97	4.11	8.25	7.43	7.92	30
10	DO mg/l	4.2	3.7	2.7	4.8	2.2	3.8	2.5	1.6	1.8	≥4.0
11	BOD mg/l	BDL	BDL	4.4	BDL	6.4	3.6	4.0	5.2	5.2	≤3.0
12	COD mg/l	6.0	16.0	14.0	6.0	14.0	10.0	10.0	10.0	20.0	-
13	Total Dissolved Solids mg/l	165.0	59.0	206.0	51.0	88.0	211.0	306.0	134.0	159.0	-
14	Total Solids mg/l	210.0	78.0	419.0	112.0	151.0	251.0	1004.0	161.0	174.0	-
15	Chromium mg/l	BDL	BDL	0.052	0.057	BDL	<0.014	BDL	BDL	0.036	-
16	Lead mg/l	BDL	BDL	<0.035	BDL	0.041	0.062	BDL	BDL	0.069	-
17	Zinc mg/l	0.819	0.028	0.020	0.045	0.045	0.016	0.043	0.036	0.309	-
18	Copper mg/l	2.336	0.039	0.031	0.703	0.035	0.005	0.873	0.045	0.029	-

Carambolim Lake at Carambolim											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 11.00 am	17.08.2020 & 1	31-08-2021 & 01:45 pm	09/09/2019 10.35 am	31.08.2020 &10:30a.m	17-09-2021 & 11:30 am	23/09/2019 10.30 am	11.09.2020 &11:05a.m	28-09-2021 & 11:15 am	-
2	Weather	Raining	Cloudy	Clear	Sunny	Sunny	Raining	Sunny	Raining	Clear	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colourfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.4	6.7	6.7	6.7	6.9	6.43	6.4	6.8	6.75	6.0-9.0
7	Temperature °C	28	27	28	29	29	28	30	28	28	-
8	Cond µs/cm	114.9	107.7	66.28	88.96	134.52	84.2	108.20	135.1	229.2	-
9	Turb NTU	5.83	4.60	3.00	3.85	3.15	2.21	2.76	3.86	5.36	-
10	DO mg/l	5.7	3.8	6.8	6.2	8.2	3.5	6.1	2.5	7.2	≥4.0
11	BOD mg/l	BDL	BDL	2.1	BDL	BDL	BDL	BDL	4.8	BDL	≤3.0
12	COD mg/l	10.0	6.00	16.0	12.0	8.00	6.0	18.0	16.00	10.00	-
13	Total Dissolved Solids mg/l	77.0	75.00	63.0	62.0	85.00	51.0	73.0	92.00	124.00	-
14	Total Solids mg/l	370.0	119.00	164.0	300.0	123.00	58.0	127.0	172.00	156.00	-
15	Chromium mg/l	0.026	BDL	0.079	BDL	BDL	0.040	BDL	BDL	0.014	-
16	Lead mg/l	BDL	BDL	0.04	BDL	0.043	0.094	BDL	0.039	<0.035	-
17	Zinc mg/l	0.224	0.028	0.008	0.039	0.044	0.033	0.070	0.029	0.287	-
18	Copper mg/l	1.754	0.034	0.003	0.997	0.046	0.058	0.869	0.036	0.086	-

Carkhamba (Mansher) Panaji – St. Cruz road											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 12.50 pm	17.08.2020 &12:30 p.m	31-08-2021 & 01:45 pm	09/09/2019 01.30 pm	31.08.2020 &12:30p.m	17-09-2021 & 12:45 pm	23/09/2019 12.45 pm	11.09.2020 & 12:00p.m	27-09-2021 & 12:30 pm	-
2	Weather	Sunny	Cloudy	Raining	Sunny	Clear	Raining	Sunny	Raining	Clear	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colourfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Clear	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.67	6.82	7.05	6.86	7.01	7.15	7.11	7.1	7.04	6.5-8.5
7	Temperature °C	29	27	28	28	29	29	29	29	29	-
8	Cond ms/cm	4.159	746.69	15790	3.42	1672	2338	12.29	11410	13710	-
9	Turb NTU	4.19	13.49	3.49	7.1	12.26	4.10	3.43	4.61	3.92	30
10	DO mg/l	6	6.0	6.2	5.8	7.2	6.5	6.2	6.0	6.5	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	≤3.0
12	COD mg/l	-	4.0	-	-	8.0	8.0	-	10.0	-	-
13	Total Dissolved Solids mg/l	2412.0	448.0	10187.0	2018.0	969.0	1448.0	7489.0	6846.0	8550.0	-
14	Total Solids mg/l	3170.0	479.0	11173.0	3468.0	1052.0	1657.0	11289.0	7001.0	12566.0	-
15	Chromium mg/l	0.144	BDL	0.048	BDL	BDL	<0.014	BDL	BDL	<0.014	-
16	Lead mg/l	BDL	BDL	0.078	BDL	BDL	0.072	BDL	0.045	<0.035	-
17	Zinc mg/l	0.261	0.056	0.038	0.025	0.059	0.017	0.040	0.070	0.278	-
18	Copper mg/l	2.005	0.064	0.016	0.81	0.052	0.085	1.114	0.044	0.005	-

Near the bridge , Chereaband , Dandora, Cuncolim											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 12.30 pm	18.08.2020 &11:45 a.m	31-08-2021 & 09:40 am	10/09/2019 12.30 pm	01.09.2020 &12:00p.m	17-09-2021 & 09:45 am	24/09/2019 12.45 pm	14.09.2020 &11:00a.m	28-09-2021 & 09:30 am	Permissible Limits
2	Weather	Raining	Cloudy	Cloudy	Raining	Sunny	Clear	Sunny	Cloudy	Cloudy	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Brownish	Greyish	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.23	6.36	6.7	6.44	6.44	6.02	6.5	6.68	7.5	-
7	Temperature °C	29	27	27	28	28	27	29	28	27	6.0-9.0
8	Cond µs/cm	75.4	69.6	84.06	53.69	65.92	76.25	53.5	90.14	268.2	-
9	Turb NTU	3.31	12.2	9.1	6.92	9.46	4.31	2.44	20.3	7.71	-
10	DO mg/l	6.8	7.6	5.5	6.6	6.9	7	6.8	7.0	6.4	-
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	≥4.0
12	COD mg/l	4.0	10.0	4.0	5.0	8.0	14.0	3.0	6.0	BDL	≤3.0
13	Total Dissolved Solids mg/l	49.0	44.0	57.0	30.0	42.0	47.0	33.0	57.0	180.0	-
14	Total Solids mg/l	60.0	55.0	201.0	42.0	56.0	59.0	40.0	62.0	120.0	-
15	Chromium mg/l	0.066	BDL	0.033	0.075	BDL	0.017	BDL	BDL	0.058	-
16	Lead mg/l	0.139	BDL	0.099	BDL	0.037	0.067	BDL	0.064	0.057	-
17	Zinc mg/l	BDL	0.013	0.070	BDL	0.012	0.028	0.021	0.012	0.280	-
18	Copper mg/l	0.740	0.051	0.010	1.028	0.040	0.052	1.023	0.042	0.054	-

Near Railway bridge, Khandiwada , Curchorem											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 01.00 pm	18.08.2020 &11:30 a.m	30-08-2021 & 09:50 am	10/09/2019 02.30 pm	01.09.2020 &09:50a.m	17-09-2021 & 09:45 am	24/09/2019 12.00 pm	14.09.2020 &11:00a.m	27-09-2021 & 10:15 am	-
2	Weather	Raining	Cloudy	Cloudy	Raining	Sunny	Clear	Sunny	Cloudy	Clear	-
3	Colour	Colourless	Clear	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.07	6.6	6.72	7.2	6.26	6.83	6.73	6.76	6.58	6.0-9.0
7	Temperature °C	29	27	28	29	28	27	30	28	28	-
8	Cond µs/cm	65.19	80.82	86.8	65.4	80.91	79.82	63.2	69.38	53.7	-
9	Turb NTU	2.78	16.3	4.11	2.49	5.07	2.44	4.38	11.23	2.71	-
10	DO mg/l	4.9	5.2	8.4	4.4	4.9	6.9	6.4	5.2	7.8	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	≤3.0
12	COD mg/l	6.0	4.0	4.0	6.0	6.0	4.0	4.0	10.0	8.0	-
13	Total Dissolved Solids mg/l	35.0	50.0	58.0	36.0	47.0	51.0	38.0	60.0	32.0	-
14	Total Solids mg/l	65.0	74.0	151.0	60.0	69.0	65.0	51.0	94.0	55.0	-
15	Chromium mg/l	0.110	BDL	0.032	BDL	BDL	0.035	BDL	BDL	0.020	-
16	Lead mg/l	BDL	0.042	0.037	BDL	BDL	0.075	BDL	BDL	0.047	-
17	Zinc mg/l	0.125	0.024	0.003	0.067	0.018	0.014	0.110	0.034	0.341	-
18	Copper mg/l	0.316	0.043	0.003	0.936	0.026	0.041	0.833	0.036	<0.0049	-

Paraste, Harmalkar wada, Pernem											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 11.05 am	17.08.2020 &11:00 a.m	31-08-2021 & 11:00 am	09/09/2019 12.15 pm	31.08.2020 &11:15a.m	17-09-2021 & 11:10 am	23/09/2019 11.30 am	11.09.2020 &10:45a.m	27-09-2021 & 11:00 am	-
2	Weather	Sunny	Cloudy	Clear	Sunny	Cloudy	Raining	Sunny	Sunny	Clear	-
3	Colour	Colourless	Light brown	L.Turbid	Colourless	Light brown	Colourfree	Colourless	Clear	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.59	6.47	6.63	6.59	6.54	7.06	6.81	7.18	6.62	6.0-9.0
7	Temperature °C	27	26	28	29	28	28	30	28	29	-
8	Cond µs/cm	138.3	60.82	121.4	74.90	97.08	104.4	129.1	112.36	174.7	-
9	Turb NTU	3.74	27.8	18.24	13.17	12.7	3.86	5.62	9.1	5.65	-
10	DO mg/l	7.1	7.1	8.1	6.2	7.3	7.5	7.5	7.1	7.5	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	b	≤3.0
12	COD mg/l	8.0	12.0	8.0	4	6.0	6.0	4.0	12.0	10.0	-
13	Total Dissolved Solids mg/l	88.0	37.0	66.0	45.0	60.0	65.0	75.0	69.0	96.0	-
14	Total Solids mg/l	189.0	59.0	82.0	109.0	98.0	86.0	189.0	107.0	110.0	-
15	Chromium mg/l	BDL	BDL	0.041	0.102	BDL	<0.014	0.091	BDL	<0.014	-
16	Lead mg/l	BDL	BDL	0.043	BDL	BDL	<0.035	BDL	BDL	<0.035	-
17	Zinc mg/l	0.322	0.034	0.016	0.055	0.040	0.019	0.044	0.016	0.291	-
18	Copper mg/l	1.548	0.043	0.027	0.876	0.021	0.011	0.717	0.028	0.002	-

Daudkiwada River, Daudkiwada-velus, ward no. 1, Valpoi											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	23/08/2019 12:30 pm	17.08.2020 &12:20p.m	31-08-2021 & 12:15 pm	09/09/2019 12.45 pm	31.08.2020 &12:20p.m	17-09-2021 & 12:30 pm	23/09/2019 12.30 pm	11.09.2020 &12:10p.m	28-09-2021 & 12:30 pm	-
2	Weather	Raining	Raining	Clear	Raining	Sunny	Raining	Cloudy	Raining	Clear	-
3	Colour	Colourless	Brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colourfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.7	6.8	6.8	6.70	6.7	6.69	6.4	6.6	6.71	6.0-9.0
7	Temperature °C	28	27	28	29	29	28	30	27	28	-
8	Cond µs/cm	58.54	57.83	138.2	52.9	64.6	51.4	108.2	69.89	77.22	-
9	Turb NTU	2.92	21.2	8.2	20.8	3.95	1.97	2.76	2.52	3.19	-
10	DO mg/l	5.7	7.3	7.6	6.5	7.8	8	6.1	8.1	9	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	2	BDL	BDL	BDL	≤3.0
12	COD mg/l	BDL	4.0	BDL	4.0	10.0	6.0	18.0	8.0	6.0	-
13	Total Dissolved Solids mg/l	38.0	40.0	93.0	36.0	44.0	33.0	73.0	48.0	43.0	-
14	Total Solids mg/l	284.0	78.0	355.0	222.0	86.0	40.0	127.0	109.0	75.0	-
15	Chromium mg/l	0.100	BDL	0.037	BDL	BDL	0.046	0.092	BDL	0.014	-
16	Lead mg/l	0.048	BDL	0.037	BDL	BDL	<0.035	BDL	0.043	0.055	-
17	Zinc mg/l	0.250	0.018	0.002	0.069	0.047	0.015	0.054	0.035	0.282	-
18	Copper mg/l	1.668	0.016	0.003	0.882	0.037	0.057	0.923	0.043	0.103	-

**Near bridge, Orcotto, ward no. 4, Sanguem**

Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 02:00 pm	18.08.2020 &11:00 a.m	30-08-2021 & 10:15 am	10/09/2019 02.40 pm	01.09.2020 &10:30a.m	17-09-2021 & 10:20 am	24/09/2019 02.30 pm	14.09.2020 &10:30a.m	27-09-2021 & 10:40 am	-
2	Weather	Raining	Cloudy	Cloudy	Raining	Sunny	Clear	Cloudy	Cloudy	Clear	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Clear	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourfree	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.04	7.45	6.94	7.23	6.36	7.07	6.68	6.68	6.62	6.0-9.0
7	Temperature °C	29	27	27	29	29	28	30	28	28	-
8	Cond µs/cm	49.34	60.75	66.86	93.7	60.75	61.21	99.3	41.98	69.61	-
9	Turb NTU	7.23	18.4	13.78	22.50	13.9	4.42	7.53	32.3	7.62	-
10	DO mg/l	6.3	6.6	7.0	5.6	6.6	6.7	5.5	7.7	7.3	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	≤3.0
12	COD mg/l	6.0	6.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	-
13	Total Dissolved Solids mg/l	30.0	34.0	44.0	57.0	36.0	35.0	60.0	55.0	41.0	-
14	Total Solids mg/l	53.0	49.0	245.0	82.0	49.0	44.0	80.0	73.0	84.0	-
15	Chromium mg/l	0.080	BDL	0.039	BDL	BDL	0.047	BDL	BDL	0.024	-
16	Lead mg/l	BDL	BDL	0.062	BDL	BDL	0.084	BDL	0.074	0.096	-
17	Zinc mg/l	0.229	0.037	0.060	0.078	0.013	0.006	0.080	0.017	0.293	-
18	Copper mg/l	1.778	0.063	0.011	0.941	0.034	0.007	0.708	0.042	0.038	-

**Pimpolcotto, ward no. 2, Sanguem**

Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 12:07 pm	18.08.2020 &10:20 a.m	30-08-2021 & 10:40 am	10/09/2019 12.30 pm	01.09.2020 &11:00a.m	17-09-2021 & 10:00 am	24/09/2019 01.00 pm	14.09.2020 &10:10a.m	27-09-2021 & 11:45 am	-
2	Weather	Raining	Cloudy	Cloudy	Raining	Sunny	Clear	Cloudy	Cloudy	Clear	-
3	Colour	Colourless	Clear	Colourfree	Colourless	Clear	Colourfree	Colourless	Reddish	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourfree	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.06	6.57	6.87	7.4	6.73	6.89	6.64	6.99	6.87	6.0-9.0
7	Temperature °C	28	27	27	28	29	28	29	28	28	-
8	Cond µs/cm	44.2	63.81	54.12	45.96	54.74	61.69	98.9	50.62	53.63	-
9	Turb NTU	2.17	10.3	3.41	1.25	7.75	3.31	6.52	7.66	3.43	-
10	DO mg/l	7.7	7.9	8.2	6.6	7.5	6.8	4	7.2	7.9	≥4.0
11	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	≤3.0
12	COD mg/l	8.0	4.0	8.0	6.0	10.0	8.0	6.0	10.0	8.0	-
13	Total Dissolved Solids mg/l	26.0	37.0	34.0	28.0	32.0	38.0	60.0	29.0	33.0	-
14	Total Solids mg/l	37.0	61.0	543.0	45.0	55.0	47.0	79.0	43.0	52.0	-
15	Chromium mg/l	0.117	BDL	0.044	BDL	BDL	0.018	BDL	BDL	<0.014	-
16	Lead mg/l	BDL	BDL	0.075	BDL	BDL	0.088	0.589	0.035	0.080	-
17	Zinc mg/l	0.245	0.036	0.016	0.063	0.024	0.031	0.322	0.031	0.226	-
18	Copper mg/l	1.922	0.067	0.006	0.946	0.033	0.001	0.935	0.052	<0.0049	-

Panefond River, Kindlebag, ward no. 5, Canacona											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 02:30 pm	18.08.2020 &02:35p.m	31-08-2021 & 10:45 am	10/09/2019 02.00 pm	01.09.2020 &02:15p.m	17-09-2021 & 10:40 am	24/09/2019 02.00 pm	14.09.2020 & 01:00p.m	28-09-2021 & 10:50 am	-
2	Weather	Raining	Cloudy	Cloudy	Cloudy	Sunny	Clear	Sunny	Cloudy	Drizzling	-
3	Colour	Colourless	Light brown	Colourfree	Colourless	Light brown	Colourfree	Colourless	Brownish	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Nil	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.33	6.37	6.5	6.7	6.41	7.41	6.1	6.53	7.14	6.0-9.0
7	Temperature °C	29	27	27.5	28.4	27	27.5	29	28	27	-
8	Cond µs/cm	103.4	67.92	1452	66.5	88.27	5630	201.1	70.58	5138	-
9	Turb NTU	0.62	13.76	5.89	2.46	3.65	2.75	1.29	29.3	4.29	-
10	DO mg/l	7.6	7.8	8.4	7.5	7.5	7.8	7.2	7.5	7.2	≥4.0
11	BOD mg/l	BDL	BDL	BDL	2	BDL	BDL	BDL	BDL	BDL	≤3.0
12	COD mg/l	6.0	8.00	6.00	7.0	10.00	12.00	4.0	8.00	-	-
13	Total Dissolved Solids mg/l	64.0	43.00	987.00	39.0	55.00	11.00	118	45.00	3545.00	-
14	Total Solids mg/l	71.0	56.00	1012.00	75.0	88.00	17.00	147.0	53.00	4137.00	-
15	Chromium mg/l	0.100	BDL	0.040	BDL	BDL	0.024	BDL	BDL	0.023	-
16	Lead mg/l	BDL	BDL	0.081	BDL	0.040	0.080	BDL	BDL	0.043	-
17	Zinc mg/l	0.018	0.032	0.004	0.076	0.047	0.018	0.031	0.024	0.323	-
18	Copper mg/l	0.745	0.025	0.006	0.991	0.033	0.033	1.034	0.030	0.089	-

Baina Beach, Vasco 2019											
Sr. No	Parameters	Before Ganesh Visarjan			After Ganesh Visarjan			After 15 day of Ganesh visarjan			Permissible Limits
		2019	2020	2021	2019	2020	2021	2019	2020	2021	
1	Date & Time	26/08/2019 11.00 am	18.08.2020 &10:00a.m	31-08-2021 & 12:30 pm	10/09/2019 04.30 pm	01.09.2020 &10:00a.m	17-09-2021 & 12:45 pm	24/09/2019 04.00 pm	14.09.2020 &02:30p.m	28-09-2021 & 01:00 pm	-
2	Weather	Cloudy	Cloudy	Clear	Sunny	Sunny	Clear	Sunny	Cloudy	Cloudy	-
3	Colour	Colourless	Clear	Colourfree	Colourless	Clear	Colourfree	Colourless	Clear	Colorfree	-
4	Odour	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	Odourless	Odourless	Odourfree	-
5	Human Activity	NIL	Fishing	None	NIL	Nil	None	NIL	Nil	None	-
6	pH	7.7	7.24	7.09	7.49	7.5	6.78	7.47	7.68	7.4	6.5-8.5
7	Temperature °C	29	28	28	29	29	28	30	28	28	-
8	Cond ms/cm	50.6	32.57	47110	39.12	42.7	42960	43.88	49.58	50860	-
9	Turb NTU	1.33	10.22	21.3	14.5	8.73	6.32	2.15	23.2	13.48	30
10	DO mg/l	6.5	7.6	6.9	6.9	7.0	7.0	6.6	6.2	6.8	≥4.0
11	BOD mg/l	2.2	2.0	BDL	2.1	2.0	BDL	2.1	2.0	BDL	≤3.0
13	Total Dissolved Solids mg/l	30360.0	20567.0	32035.0	22689.0	25995.0	25642.0	25450.0	29812.0	35601.0	-
14	Total Solids mg/l	32384.0	21765.0	37579.0	25037.0	26977.0	26398.0	28217.0	30018.0	78132.0	-
15	Chromium mg/l	0.104	BDL	0.065	BDL	BDL	0.088	BDL	BDL	0.018	-
16	Lead mg/l	BDL	0.073	0.097	BDL	0.085	0.074	BDL	0.054	0.083	-
17	Zinc mg/l	0.043	0.095	0.079	0.04	0.330	0.100	0.047	0.129	0.282	-
18	Copper mg/l	1.164	0.049	0.037	1.063	0.043	0.048	0.905	0.019	0.091	-

**BDL- Below Detection  
Limit**