

| SNMP DATA FOR THE MONTH OF FEBRUARY 2022 |   |           |                |           |      |              |            |                  |                  |                           |                           |                                |                 |                                   |                         |                  |            |                                |                  |                       |                |                  |                 |                    |                               |                           |                               |                  |              |                      |                 |           |            |                          |   |   |
|--|---|-----------|----------------|-----------|------|--------------|------------|------------------|------------------|---------------------------|---------------------------|--------------------------------|-----------------|-----------------------------------|-------------------------|------------------|------------|--------------------------------|------------------|-----------------------|----------------|------------------|-----------------|--------------------|-------------------------------|---------------------------|-------------------------------|------------------|--------------|----------------------|-----------------|-----------|------------|--------------------------|---|---|
| Sl. No.                                  | Name Of Monitoring Location                               | Temp (°C) | Velocity (m/s) | DO (mg/l) | pH   | Cond (µm/cm) | BOD (mg/l) | Nitrate-N (mg/l) | Nitrite-N (mg/l) | Total Calcium (MPN/100ml) | Focal Calcium (MPN/100ml) | Fecal Streptococci (MPN/100ml) | Turbidity (NTU) | Phenolphthalein 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 Fecal Solids (mg/l) | Total Suspended Solids (mg/l) | Phosphate (mg/l) | Boron (mg/l) | Potassium (K) (mg/l) | Fluoride (mg/l) | OC (mg/l) | MSS (mg/l) | Residual Chlorine (mg/l) |   |   |
| 1  | RIVER MANDOVI AT RIBANDER-CHODNA FERRY                    | 28        | 0.3            | 6.0       | 7.95 | 47250.0      | BDL        | 0.142            | 0.010            | 280                       | 170                       | 79                             | 3.80            | 14                                | 80.0                    | 16143.93         | -          | 2.24                           | 0.17             | 55000                 | 1002.0         | 729.0            | 5059.43         | 9529.0             | 28374.0                       | 10287.0                   | 5.0                           | 0.235            | BDL          | 670.6                | BDL             | -         | -          | -                        | - |   |
| 2  | RIVER ZUARI AT CORTALIM                                   | 29        | 0.2            | 6.5       | 7.66 | 45150.0      | BDL        | 0.21             | 0.005            | 4900                      | 3300                      | 700                            | 6.01            | 6.0                               | 96.0                    | 17367.0          | -          | 1.68                           | BDL              | 6000.0                | 400.8          | 1215.0           | 2702.4          | 8841.00            | 25127.0                       | 18007.0                   | 20.0                          | 0.06             | 1.3          | 506.9                | 1.3             | -         | -          | -                        | - |   |
| 3  | RIVER MANDOVI UNDER MANDOVI BRIDGE                        | 29        | 0.3            | 6.0       | 7.80 | 48200.0      | BDL        | BDL              | 0.02             | 130                       | 79                        | 46                             | 7.33            | 10.0                              | 100.0                   | 17366.96         | -          | 2.24                           | 0.15             | 70000                 | 1603.2         | 729.0            | 5367.34         | 10185.0            | 28846.0                       | 10421.0                   | 7.0                           | 0.183            | BDL          | 716.2                | BDL             | -         | -          | -                        | - |   |
| 4  | RIVER ZUARI AT PANCHAWADI                                 | 29        | 0.2            | 5.4       | 6.9  | 6273.0       | BDL        | 0.17             | 0.012            | 2200                      | 1700                      | 330                            | 11.87           | BDL                               | 30.0                    | 1943.0           | 4.0        | 1.1                            | 0.06             | 900.0                 | 120.0          | 598.0            | 146.0           | 1049.0             | 4265.0                        | 1706.0                    | 25.0                          | 0.05             | 0.58         | 77.2                 | 0.53            | -         | -          | -                        | - |   |
| 5  | RIVER MANDOVI AT TONCA - MARCELA                          | 28        | 1.0            | 5.4       | 7.25 | 24980.0      | BDL        | 0.14             | 0.057            | 790                       | 490                       | 170                            | 4.56            | BDL                               | 60.0                    | 8985.0           | -          | 1.1                            | BDL              | 32000                 | 200.0          | 656.0            | 1272.0          | 4953.0             | 17486.0                       | 6994.0                    | 69.0                          | 0.04             | 2.47         | 305.0                | 0.89            | -         | -          | -                        | - |   |
| 6  | RIVER KALNA AT CHANDEL - PERNEM, GOA                      | 28        | 1.4            | 6.7       | 7.13 | 80.24        | BDL        | BDL              | BDL              | 3500                      | 1700                      | 220                            | 3.61            | BDL                               | 30.0                    | 6.85             | 8.0        | 1.1                            | 0.06             | 32.0                  | 11.2           | BDL              | 14.85           | 25.4               | 52.0                          | 22.0                      | 10.0                          | BDL              | BDL          | 8.1                  | BDL             | -         | -          | -                        | - |   |
| 7  | RIVER VALVANTI  | 29        | 0.3            | 7.2       | 6.75 | 67.8         | BDL        | BDL              | BDL              | 1300                      | 790                       | 170                            | 2.48            | BDL                               | 24.0                    | 6.85             | 8.0        | 1.1                            | 0.05             | 14.0                  | 4.0            | BDL              | 2.44            | 27.3               | 40.0                          | 31.0                      | 9.0                           | BDL              | BDL          | 8.5                  | BDL             | -         | -          | -                        | - |   |
| 8  | RIVER MADAI AT DABOS - VALPOL, GOA                        | 30        | 0.2            | 7.4       | 7.03 | 91.0         | BDL        | BDL              | BDL              | 1300                      | 790                       | 110                            | 1.57            | BDL                               | 34.0                    | 8.32             | 10.0       | 2.2                            | 0.06             | 32.0                  | 10.4           | BDL              | 3.19            | 25.5               | 59.0                          | 39.0                      | 8.0                           | BDL              | BDL          | 8.3                  | BDL             | -         | -          | -                        | - |   |
| 9  | RIVER KHANDEPAR AT OPA                                    | 30        | 0.3            | 6.8       | 6.89 | 169.7        | BDL        | 0.11             | BDL              | 790                       | 490                       | 280                            | 2.8             | BDL                               | 32.0                    | 33.0             | 4.0        | 1.1                            | 0.11             | 42.0                  | 8.8            | 4.8              | 4.8             | 31.9               | 115.0                         | 46.0                      | 8.0                           | 0.68             | BDL          | 9.4                  | 0.24            | -         | -          | -                        | - |   |
| 10                                       | RIVER TALPONA AT CANACONA, GOA                            | 29        | 0.1            | 6.5       | 6.04 | 54.90        | BDL        | BDL              | 0.006            | 790                       | 490                       | 70                             | 1.44            | BDL                               | 40.0                    | 8.32             | 4.0        | 2.24                           | 0.05             | 48.0                  | 8.0            | 6.80             | BDL             | 25.4               | 34                            | 14.0                      | 5.0                           | BDL              | BDL          | 8.0                  | BDL             | -         | -          | -                        | - |   |
| 11                                       | RIVER ASSONORA  | 28        | 0.2            | 6.9       | 6.82 | 54.36        | BDL        | 0.14             | BDL              | 1400                      | 940                       | 170                            | 3.04            | BDL                               | 24.0                    | 7.83             | 6.0        | 1.7                            | BDL              | 18.0                  | 5.6            | BDL              | 2.70            | 25.5               | 35.0                          | 21.0                      | 6.0                           | BDL              | BDL          | 8.0                  | BDL             | -         | -          | -                        | - |   |
| 12                                       | SALAUIM LAKE AT SALAUIM                                   | 29        | -              | 7.1       | 7.29 | 47.06        | BDL        | BDL              | BDL              | 79                        | 33                        | 7.8                            | 1.62            | BDL                               | 20.0                    | 5.0              | 4.0        | 1.1                            | BDL              | 16.0                  | 3.21           | 2.0              | BDL             | 188.2              | 27.8                          | 23.8                      | 3.0                           | 0.04             | BDL          | 18.4                 | BDL             | -         | -          | -                        | - |   |
| 13                                       | INLET STP TONCA   | -         | -              | -         | 6.23 | -            | 500.0      | -                | -                | 920x 10 <sup>3</sup>      | 540x 10 <sup>4</sup>      | 920x 10 <sup>3</sup>           | -               | -                                 | -                       | -                | 1260.0     | -                              | 2.13             | -                     | -              | -                | -               | -                  | -                             | -                         | 534.0                         | 12.32            | -            | -                    | -               | -         | 610.0      | -                        | - |   |
| 14                                       | OUTLET STP TONCA  | 28        | -              | -         | 6.50 | -            | 8.0        | -                | -                | <1.8                      | NIL                       | <1.8                           | -               | -                                 | -                       | -                | 20.0       | -                              | BDL              | -                     | -              | -                | -               | -                  | -                             | -                         | 4.0                           | 0.27             | -            | -                    | -               | <10.0     | -          | 100.8                    | - | - |
| 15                                       | AGRI CANAL UP STREAM OF CUNCOLIM IDC                      | 29        | 0.2            | 7.2       | 6.37 | 47.61        | BDL        | BDL              | BDL              | 1700                      | 1100                      | 220                            | 1.32            | BDL                               | 18.0                    | 6.36             | 6.0        | 0.6                            | BDL              | 18.0                  | 6.4            | BDL              | 2.17            | 25.5               | 29.0                          | 19.0                      | 10.0                          | 0.023            | BDL          | 7.8                  | BDL             | -         | -          | -                        | - |   |
| 16                                       | AGRI CANAL DOWNSTREAM OF CUNCOLIM IDC                     | 29        | 0.2            | 7.8       | 6.40 | 53.50        | BDL        | BDL              | BDL              | 2200                      | 1300                      | 350                            | 1.91            | BDL                               | 22.0                    | 6.0              | 6.0        | 1.7                            | BDL              | 24.0                  | 4.01           | 3.4              | 2.25            | 26.3               | 32.0                          | 28.0                      | 3.0                           | 0.04             | BDL          | 7.4                  | BDL             | -         | -          | -                        | - |   |
| 17                                       | CREEK AT DANDO MOLLO, VELSÃO                              | 28        | 0.2            | 8.3       | 6.82 | 4716.0       | BDL        | BDL              | 0.09             | 2200                      | 1300                      | 130                            | 1.25            | BDL                               | 26.0                    | 1565.5           | 8.0        | 1.12                           | BDL              | 1000.0                | 157.1          | 147.7            | 176.3           | 868.2              | 2894.0                        | 2172.0                    | 202.0                         | 0.12             | 0.2          | 73.1                 | 0.3             | -         | -          | -                        | - |   |
| 18                                       | CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF S'YNGENTA)      | 28        | 1.0            | 5.4       | 7.3  | 32770.0      | BDL        | 0.180            | 0.031            | 2300                      | 1300                      | 220                            | 5.15            | BDL                               | 80.0                    | 11899.0          | -          | 2.4                            | BDL              | 3800.0                | 240.0          | 778.0            | 1835.0          | 8360.0             | 22939.0                       | 9176.0                    | 62.0                          | 0.05             | 2.0          | 468.8                | 1.4             | -         | -          | -                        | - |   |
| 19                                       | MAYEM LAKE  | 28        | -              | 8.0       | 7.10 | 45.02        | BDL        | BDL              | BDL              | 2200                      | 1700                      | 230                            | 4.55            | BDL                               | 20.0                    | 5.87             | 4.0        | 1.68                           | BDL              | 58.0                  | 120.0          | 6.8              | BDL             | 25.5               | 28.0                          | 13.0                      | 4.0                           | BDL              | BDL          | 7.90                 | BDL             | -         | -          | -                        | - |   |
| 20                                       | RIVER KHANDEPAR AT CODLI NEAR BRIDGE , US OPA WATER WORKS | 31        | 0.2            | 7.0       | 6.7  | 67.06        | BDL        | 0.13             | BDL              | 1400                      | 940                       | 240                            | 3.63            | BDL                               | 26.0                    | 21.0             | 4.0        | 1.1                            | BDL              | 26.0                  | 5.6            | 2.9              | 2.4             | 23.0               | 45.0                          | 18.0                      | 16.0                          | BDL              | BDL          | 8.4                  | 0.20            | -         | -          | -                        | - |   |
| 21                                       | RIVER SAL PAZORCONI                                       | 29        | -              | 5.5       | 6.30 | 74.0         | BDL        | 1.65             | 0.13             | 2600                      | 2200                      | 460                            | 8.91            | BDL                               | 16.0                    | 7.5              | 12.0       | 2.2                            | BDL              | 22.0                  | 4.01           | 2.9              | 6.57            | 25.6               | 44.0                          | 35.0                      | 4.0                           | 0.12             | BDL          | 7.8                  | 0.54            | -         | -          | -                        | - |   |
| 22                                       | RIVER KUSHAWATI NEAR BUND AT KEYONA                       | 29        | 0.0            | 7.6       | 7.25 | 110.2        | BDL        | BDL              | BDL              | 1100                      | 790                       | 94                             | 1.76            | BDL                               | 44.0                    | 5.5              | 4.0        | 2.2                            | 0.13             | 48.0                  | 11.22          | 4.9              | 2.17            | 25.7               | 65.0                          | 60.0                      | 3.0                           | BDL              | BDL          | 7.8                  | 0.45            | -         | -          | -                        | - |   |
| 23                                       | RIVER SAL NEAR HOTEL LEELA MORBOR, CAVELOSSIM             | 29        | 0.3            | 6.0       | 7.42 | 47660.0      | BDL        | BDL              | 0.005            | 1400                      | 940                       | 240                            | 20.5            | 8.0                               | 88.0                    | 17994.4          | -          | 1.12                           | BDL              | 6800.0                | 641.3          | 1263.6           | 2595.4          | 11541.0            | 28704.0                       | 17842.0                   | 71.0                          | 0.64             | 0.52         | 618.2                | 0.71            | -         | -          | -                        | - |   |
| 24                                       | RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI          | 29        | 1.0            | 4.3       | 6.88 | 326.4        | BDL        | BDL              | BDL              | 11000                     | 7000                      | 1100                           | 4.75            | BDL                               | 36.0                    | 90.5             | 8.0        | 1.1                            | BDL              | 50.0                  | 17.6           | BDL              | 2.56            | 61.7               | 194                           | 102.0                     | 10.0                          | 0.038            | BDL          | 11.8                 | BDL             | -         | -          | -                        | - |   |
| 25                                       | RIVER CHAPORA NEAR ALORNA FORT , PERNEM                   | 28        | 1.0            | 7.1       | 7.14 | 6162.0       | BDL        | 0.12             | 0.009            | 1400                      | 940                       | 130                            | 3.03            | BDL                               | 36.0                    | 1467.6           | 10.0       | 1.7                            | 0.05             | 600.0                 | 160.3          | 48.6             | 15.53           | 1176.0             | 3652.0                        | 1503.0                    | 7.0                           | BDL              | BDL          | 0.20                 | 88.1            | 0.20      | -          | -                        | - | - |
| 26                                       | RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM                   | 29        | 1.0            | 10.5      | 7.82 | 126.0        | BDL        | 0.10             | 0.010            | 7000                      | 4600                      | 790                            | 3.58            | BDL                               | 40.0                    | 8.3              | 8.0        | 2.24                           | BDL              | 58.0                  | 12             | 6.80             | BDL             | 101.3              | 75.0                          | 27.0                      | 14.0                          | BDL              | BDL          | 13.6                 | BDL             | -         | -          | -                        | - |   |
| 27                                       | ANJUNEM LAKE  | 29        | -              | 4.2       | 6.44 | 43.76        | BDL        | 0.15             | BDL              | 17                        | 7.8                       | 2.0                            | 2.25            | BDL                               | 42.0                    | 5.38             | 8.0        | 1.1                            | BDL              | 12.0                  | 4.0            | BDL              | 4.08            | 25.8               | 27.0                          | 19.0                      | 8.0                           | BDL              | BDL          | 7.7                  | BDL             | -         | -          | -                        | - |   |
| 28                                       | RUMDER LAKE   | 28        | -              | 4.0       | 6.01 | 106.0        | BDL        | BDL              | BDL              | 2300                      | 1300                      | 230                            | 11.58           | BDL                               | 50.0                    | 3.92             | 8.0        | 3.92                           | BDL              | 58.0                  | 11.20          | 7.29             | BDL             | 147.0              | 64.0                          | 24.0                      | 19.0                          | 0.703            | BDL          | 16.9                 | BDL             | -         | -          | -                        | - |   |
| 29                                       | CARAMBOLIM LAKE   | 28        | -              | 9.7       | 7.7  | 199.0        | 2.1        | BDL              | 0.007            | 2200                      | 1700                      | 230                            | 8.04            | 4.0                               | 44.0                    | 27.0             | 12.0       | 2.4                            | 0.11             | 50.0                  | 16.0           | 2.4              | 11.0            | 35.8               | 135.0                         | 54.0                      | 32.0                          | 0.06             | BDL          | 10.5                 | 0.32            | -         | -          | -                        | - |   |
| 30                                       | RAIA LAKE   | 28        | -              | 7.1       | 7.63 | 116.6        | BDL        | 0.10             | 0.005            | 2600                      | 2200                      | 330                            | 9.95            | BDL                               | 40.0                    | 13.5             | 8.0        | 2.8                            | 0.26             | 42.0                  | 8.82           | 4.9              | 7.44            | 26.1               | 65.8                          | 65.4                      | 11.0                          | 0.03             | BDL          | 9.5                  | BDL             | -         | -          | -                        | - |   |
| 31                                       | SAIPEM LAKE   | -         | -              | -         | -    | -            | -          | -                | -                | -                         | -                         | -                              | -               | -                                 | -                       | -                | -          | -                              | -                | -                     | -              | -                | -               | -                  | -                             | -                         | -                             | -                | -            | -                    | -               | -         | -          | -                        | - |   |
| 32                                       | CURTORM LAKE  | 28        | -              | 4.0       | 7.02 | 115.8        | BDL        | BDL              | BDL              | 2800                      | 2200                      | 350                            | 4.88            | BDL                               | 38.0                    | 12.0             | 10.0       | 2.2                            | 0.15             | 46.0                  | 11.22          | 4.4              | 4.0             | 26.1               | 68.3                          | 64.3                      | 6.0                           | BDL              | BDL          | 9.3                  | 0.72            | -         | -          | -                        | - |   |
| 33                                       | RIVER ZUARI AT BORIM BRIDGE                               | 29        | 0.2            | 5.4       | 6.83 | 21040.0      | BDL        | 0.15             | 0.046            | 3300                      | 2700                      | 460                            | 8.37            | BDL                               | 58.0                    | 7528.0           | -          | 1.1                            | BDL              | 2500.0                | 152.0          | 516.0            | 853             | 4035.0             | 14728.0                       | 5891.0                    | 51.0                          | 0.04             | 1.25         | 255.2                | 0.93            | -         | -          | -                        | - |   |
| 34                                       | RIVER ZUARI AT MADKA JETTY                                | 29        | 0.2            | 5.2       | 7.35 | 42790.0      | BDL        | BDL              | 0.07             | 2200                      | 1700                      | 230                            | 21.1            | 6.0                               | 94.0                    | 16437.5          | -          | 1.7                            | BDL              | 5500.0                | 360.7          | 1117.8           | 2204.9          | 7610.0             | 23394.0                       | 16394.0                   | 228.0                         | 0.09             | 1.3          | 450.4                | 1.2             | -         | -          | -                        | - |   |
| 35                                       | RIVER SAL AT KHAREBAND, MARGAO                            | 28        | 0.0            | BDL       | 7.64 | 280.9        | 6.1        | 2.11             | 0.07             | 7900                      | 4900                      | 1300                           | 20.9            | BDL                               | 70.0                    | 39.9             | 16.0       | 0.56                           | BDL              | 52.0                  | 12.8           | 4.86             | 9.1             | 41.5               | 177.0                         | 105.0                     | 62.0                          | 0.58             | BDL          | 12.4                 | BDL             | -         | -          | -                        | - |   |
| 36                                       | RIVER SAL AT ORHIM BRIDGE                                 | 28        | 0.2            | 4.5       | 6.98 | 20330.0      | BDL        | 1.01             | 0.04             | 1700                      | 1100                      | 130                            |                 |                                   |                         |                  |            |                                |                  |                       |                |                  |                 |                    |                               |                           |                               |                  |              |                      |                 |           |            |                          |   |   |