

**A.P. POLLUTION CONTROL BOARD**  
**NWMP DATA FOR THE MONTH OF APRIL- 2018**

| S.No. | Station code | Station name  | District / RO        | Programme | Frequency   | Monitoring date              | Sampling time | Weather | Depth (mtrs.)  | Human activities          | Floating matter   | Colour    | Odour     | Flow (m3/Sec) | Water Temp(°C) | DO (mg/L) | pH   | Conductivity (uS/cm) | BOD (mg/L) | Nitrate-N (mg/L) | Nitrite-N (mg/L) | Nitrogen (mg/L) | Fecal Coliform (MPN/100ml) | Total Coliform (MPN/100ml) | spirochete index | Diversity index | Turbidity (NTU) | Phen-Atk. (mg/L) | Total Aik. (mg/L) | Chloride (mg/L) | COD (mg/L) | TKN (mg/L) | Ammonia-N (mg/L) | Hardness (mg/L) | Calcium (mg/L) | Magnesium (mg/L) | Sulphate (mg/L) | Sodium (mg/L) | TDS (mg/L) | TFS (mg/L) | TSS (mg/L) | Phosphate (mg/L) | Boron (mg/L) | Potassium (mg/L) | Fluoride (mg/L) | %Sodium (mg/L) | SAR (mg/L)               | Major polluting sources | Use of water in downstream | Arsenic | Cadmium | Copper | Lead  | Chromium | Nickel | Zinc  | Mercury | Iron (Total) | Cyanide | Any Other |
|-------|--------------|---|----------------------|-----------|-------------|------------------------------|---------------|---------|----------------|---------------------------|-------------------|-----------|-----------|---------------|----------------|-----------|------|----------------------|------------|------------------|------------------|-----------------|----------------------------|----------------------------|------------------|-----------------|-----------------|------------------|-------------------|-----------------|------------|------------|------------------|-----------------|----------------|------------------|-----------------|---------------|------------|------------|------------|------------------|--------------|------------------|-----------------|----------------|--------------------------|-------------------------|----------------------------|---------|---------|--------|-------|----------|--------|-------|---------|--------------|---------|-----------|
| 1     | 25           | Upstream of river Krishna at Prakasam barrage   | Krishna / Vijayawada | NWMP      | Monthly     | 10.04.2018                   | 05.30 P.M.    | Clear   | >1 mtr.        | Bathing, Cloth            | None              | None      | None      | -             | 25             | 7.1       | 7.93 | 920                  | 1.6        | 0.72             | ----             | <2              | 800                        | ----                       | ----             | 0.72            | ----            | 196              | 128               | <10             | BDL        | BDL        | 224              | 48              | 25             | 71               | 100             | 550           | 538        | 6          | BDL        | 0.24             | 4            | 0.62             | 48.5            | 2.9            | Domestic                 | Irrigation purpose      | ND                         | ND      | ND      | ND     | ND    | ND       | 0.146  | --    | 0.028   | --           | --      |           |
| 2     | 1257         | Upstream of Pennar river at Somasila  | Nellore / Nellore    | NWMP      | Monthly     | 06.04.2018                   | 01.30 P.M.    | Clear   | App 2-ft       | ----                      | ----              | Colorless | Odourless | -             | 27             | 7.1       | 7.72 | 718                  | 1.9        | 1.01             | ----             | 4               | 1100                       | ----                       | ----             | 3.67            | ----            | 132              | 180               | 12              | BDL        | BDL        | 256              | 34              | 42             | 24               | 76              | 448           | 440        | 6          | BDL        | 0.26             | 7            | 0.87             | 38.2            | 2.1            | Domestic                 | Irrigation purpose      | ND                         | ND      | ND      | ND     | ND    | ND       | 0.037  | --    | 0.012   | --           | --      |           |
| 3     | 1782         | Puligadda aqueduct near Avinigadda (V)  | Krishna / Vijayawada | NWMP      | Monthly     | 03.04.2018                   | 04.00 P.M.    | Clear   | >1 mtr.        | Cattle washing, etc       | Medium            | None      | None      | -             | 26             | 6.2       | 7.86 | 27480                | 1.8        | 1.6              | ----             | 2               | 1400                       | ----                       | ----             | 1.29            | ----            | 210              | 7680              | 12              | BDL        | BDL        | 5108             | 1187            | 520            | 1710             | 3900            | 17100         | 17090      | 10         | BDL        | 0.32             | 120          | 1.28             | 61.6            | 23.7           | Domestic                 | Irrigation purpose      | ND                         | ND      | ND      | ND     | ND    | ND       | 0.072  | --    | 0.048   | --           | --      |           |
| 4     | 1787         | River Krishna at Amaravathi   | Krishna / Vijayawada | NWMP      | Monthly     | 10.04.2018                   | 09.10 A.M.    | Clear   | >100cm         | None                      | ----              | None      | None      | -             | 19             | 7.3       | 7.48 | 760                  | 2          | 0.62             | ----             | <2              | 800                        | ----                       | ----             | 0.76            | ----            | 140              | 125               | <10             | BDL        | BDL        | 192              | 34              | 26             | 90               | 76              | 460           | 450        | 5          | BDL        | 0.22             | 2.92         | 0.68             | 45.6            | 2.4            | Domestic and Agriculture | Irrigation purpose      | ND                         | ND      | ND      | ND     | ND    | ND       | 0.054  | --    | 0.034   | --           | --      |           |
| 5     | 1786         | Downstream of Krishna river at Vedadri  | Krishna / Vijayawada | NWMP      | Monthly     | 10.04.2018                   | 02.30 P.M.    | Clear   | Approx >1 mts  | Bathing, cloth washing    | ----              | Clear     | None      | -             | 28             | 6.9       | 7.97 | 798                  | 1.6        | 0.98             | ----             | 4               | 1100                       | ----                       | ----             | 0.42            | ----            | 176              | 98                | <10             | BDL        | BDL        | 216              | 40              | 28             | 77               | 87              | 480           | 470        | 6          | BDL        | 0.21             | 3.9          | 1.18             | 45.9            | 2.6            | Industrial               | Other                   | ND                         | ND      | ND      | ND     | ND    | ND       | 0.506  | --    | 0.061   | --           | --      |           |
| 6     | 1790         | 2nd Causeway, Pulicot lake  | Nellore / Nellore    | NWMP      | Monthly     | 05.04.2018                   | 12.30 P.M.    | Clear   | 2-3ft          | Fishing                   | ----              | Colorless | Odourless | -             | 28             | 7.1       | 7.8  | 43200                | 1.8        | 1.6              | ----             | 4               | 1600                       | ----                       | ----             | 7.3             | ----            | 176              | 12400             | <10             | BDL        | BDL        | 5380             | 360             | 1089           | 3920             | 6800            | 26300         | 26286      | 10         | BDL        | 0.32             | 56           | 0.86             | 72.9            | 40.1           | Industrial               | -                       | ND                         | ND      | ND      | ND     | ND    | ND       | 0.117  | --    | 0.214   | --           | --      |           |
| 7     | 3051         | Budameru canal near BDG at NH-5, Keesarapalli   | Krishna / Vijayawada | NWMP      | Monthly     | 04.04.2018                   | 10.00 AM      | Clear   | Approx >1 mts  | Fishing and Cloth Washing | ----              | Clear     | None      | -             | 24             | 4.6       | 7.94 | 1288                 | 9          | 2.82             | ----             | 4               | 1400                       | ----                       | ----             | 0.62            | ----            | 278              | 220               | 32              | BDL        | BDL        | 308              | 61              | 38             | 61               | 160             | 780           | 768        | 14         | 1.96       | 0.36             | 9            | 0.78             | 51.9            | 3.9            | -                        | Other                   | Other                      | ND      | ND      | ND     | ND    | ND       | ND     | 0.036 | --      | 0.126        | --      | --        |
| 8     | 3052         | Guntalippa drain B/C with Ryees canal at Ramavaram, Vijayawada  | Krishna / Vijayawada | NWMP      | Monthly     | 04.04.2018                   | 11.00 AM      | Clear   | Approx >1 mts  | ----                      | ----              | Clear     | None      | -             | 25             | 3.4       | 7.83 | 1942                 | 13.2       | 12               | ----             | 4               | >1600                      | ----                       | ----             | 4.48            | ----            | 452              | 330               | 48              | BDL        | BDL        | 432              | 80              | 56             | 94               | 200             | 1150          | 1142       | 18         | 2.46       | 0.21             | 22           | 0.81             | 48.4            | 4.2            | Agriculture              | Other                   | ND                         | ND      | ND      | ND     | ND    | ND       | 0.108  | --    | 0.304   | --           | --      |           |
| 9     | 1177         | Downstream of Munneru river at Keesara  | Krishna / Vijayawada | NWMP      | Monthly     | 10.04.2018                   | 04.00 P.M.    | Clear   | Approx >1 mts  | Others                    | ----              | Clear     | None      | -             | 27             | 6.8       | 7.99 | 881                  | 2.6        | 0.91             | ----             | 4               | 1100                       | ----                       | ----             | 0.45            | ----            | 196              | 138               | 14              | BDL        | BDL        | 200              | 29              | 31             | 72               | 106             | 532           | 520        | 6          | BDL        | 3.6              | 5            | 0.82             | 52.5            | 3.2            | Other                    | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.096  | --    | 0.012   | --           | --      |           |
| 10    | 1178         | Downstream of Paleru river at Jaggalahpet   | Krishna / Vijayawada | NWMP      | Monthly     | 10.04.2018                   | 12.45 P.M.    | Clear   | Approx >1 mts  | Others                    | ----              | Clear     | None      | -             | 27             | 6.8       | 8.05 | 1013                 | 2.2        | 1.04             | ----             | <2              | 800                        | ----                       | ----             | 0.65            | ----            | 244              | 176               | <10             | BDL        | BDL        | 328              | 56              | 44             | 91               | 96              | 630           | 618        | 6          | 3.5        | 0.82             | 3            | 0.82             | 38.4            | 2.3            | Industrial               | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.031  | --    | 0.082   | --           | --      |           |
| 11    | 26           | Borewell at Kanuru, Vijayawada  | Krishna / Vijayawada | NWMP      | Half-Yearly | 20.04.2018                   | 10.30 A.M.    | Clear   | Approx >10 mts | Others                    | ----              | Clear     | None      | -             | 25             | 4.9       | 7.42 | 1440                 | 0.8        | 3.73             | ----             | <2              | 400                        | ----                       | ----             | 0.64            | ----            | 236              | 320               | <10             | BDL        | BDL        | 468              | 114             | 45             | 60               | 120             | 820           | 810        | ---        | BDL        | 1.56             | 4            | 0.28             | 35.4            | 2.4            | Other                    | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.056  | --    | 0.082   | --           | --      |           |
| 12    | 1513         | Borewell at Autonagar, (Mr. Satyanarayana) Vijayawada   | Krishna / Vijayawada | NWMP      | Half-Yearly | 20.04.2018                   | 11.30 A.M.    | Clear   | Approx >10 mts | Others                    | ----              | Clear     | None      | -             | 26             | 4.5       | 7.61 | 1614                 | 1          | 3.58             | ----             | <2              | 400                        | ----                       | ----             | 0.56            | ----            | 284              | 335               | <10             | BDL        | BDL        | 512              | 101             | 63             | 45               | 114             | 920           | 908        | ---        | BDL        | 0.21             | 3            | 0.2              | 32.3            | 2.2            | Other                    | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.024  | --    | 0.058   | --           | --      |           |
| 13    | 1514         | Borewell at Autonagar, (Mr. Vijaya Kumar) Vijayawada  | Krishna / Vijayawada | NWMP      | Half-Yearly | 10.04.2018                   | 11.00 A.M.    | Clear   | Approx >10 mts | Others                    | ----              | Clear     | None      | -             | 25             | 4.6       | 7.48 | 1685                 | 1.2        | 3.91             | ----             | <2              | 400                        | ----                       | ----             | 0.38            | ----            | 266              | 330               | <10             | BDL        | BDL        | 484              | 126             | 41             | 90               | 170             | 990           | 974        | ---        | BDL        | 0.72             | 4.5          | 0.3              | 42.9            | 3.4            | Other                    | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.088  | --    | 0.061   | --           | --      |           |
| 14    | 1516         | Navalok Gardens   | Nellore / Nellore    | NWMP      | Half-Yearly | 06.04.2018                   | 09.00 A.M.    | Clear   | ----           | Others                    | ----              | Clear     | None      | -             | ----           | 3.2       | 7.55 | 2160                 | 1.4        | 29.6             | ----             | <2              | 800                        | ----                       | ----             | 0.48            | ----            | 142              | 480               | 12              | BDL        | BDL        | 468              | 101             | 52             | 180              | 235             | 1290          | 1272       | 6          | BDL        | 0.24             | 20           | 0.58             | 50.7            | 4.7            | Industrial               | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.346  | --    | 0.042   | --           | --      |           |
| 15    | 3087         | Borewell near Village Secretariat, Pathapadu  | Krishna / Vijayawada | NWMP      | Half-Yearly | 23.04.2018                   | 04.00 P.M.    | Clear   | Approx >10 mts | Others                    | ----              | Clear     | None      | -             | 26             | 3.8       | 7.6  | 1360                 | 1.2        | 8.13             | ----             | <2              | 800                        | ----                       | ----             | 0.6             | ----            | 420              | 170               | <10             | BDL        | BDL        | 320              | 42              | 52             | 65               | 160             | 816           | 804        | 5          | BDL        | 0.21             | 11           | 0.52             | 50.8            | 3.9            | Other                    | ----                    | ND                         | ND      | ND      | ND     | ND    | ND       | 0.284  | --    | ND      | --           | --      |           |
| 16    | 3079         | D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP at Duvvur            | Krishna              | NWMP      | Monthly     | No flow sample nto collected |               |         |                |                           |                   |           |           |               |                |           |      |                      |            |                  |                  |                 |                            |                            |                  |                 |                 |                  |                   |                 |            |            |                  |                 |                |                  |                 |               |            |            |            |                  |              |                  |                 |                |                          |                         |                            |         |         |        |       |          |        |       |         |              |         |           |
| 17    | 30           | River Pennar at Siddavatam  | Kadapa/Tiru pathi    | NWMP      | Monthly     | 12.04.2018                   | 10:25 AM      | Clear   | 50-100 cms     | Others                    | Clear             | None      | None      | -             | 30             | 5.2       | 7.8  | 1331                 | <2         | 1.5              | ----             | NIL             | 400                        | 6                          | 0.7              | 1.5             | ----            | 212              | 213               | 12              | BDL        | BDL        | 224              | 112             | 112            | 156              | 197             | 801           | 644        | 6          | 0.6        | BDL              | 8            | 1.1              | 65              | 5.7            | ----                     | Irrigation              | 0.0033                     | BDL     | 0.002   | BDL    | BDL   | 0.002    | 0.040  | 0.001 | 0.2181  | --           | --      |           |
| 18    | 1174         | River Thungabhadra at Bhavapuram  | Kurnool / Kurnool    | NWMP      | Monthly     | 24.04.2018                   | 8:00 AM       | Clear   | <50cm          | Others                    | None              | Clear     | None      | -             | 28             | 5.9       | 8    | 1254                 | 3.2        | 3.5              | BDL              | 100             | 700                        | 5                          | 0.6              | 11.4            | ----            | 160              | 184               | 30              | BDL        | BDL        | 280              | 136             | 144            | 210              | 156             | 767           | 621        | 23         | < 0.1      | BDL              | 7            | 0.8              | 54              | 4              | ----                     | Irrigation              | 0.011                      | BDL     | 0.0016  | BDL    | BDL   | 0.003    | 0.006  | 0.001 | 0.1229  | --           | --      |           |
| 19    | 1175         | River Krishna at Srishallam (Krishna after confluence with Thungabhadra at Chennarayana Dam, Devalapuram) | Kurnool / Kurnool    | NWMP      | Monthly     | 23.04.2018                   | 9:10 AM       | Clear   | > 100 cms      | Bathing Ghat & Washing    | Flowers and waste | Clear     | None      | -             | 29             | 6.3       | 7.8  | 1349                 | 2.5        | 2.4              | BDL              | NIL             | 700                        | 6                          | 0.8              | 8.6             | ----            | 220              | 180               | 21              | BDL        | BDL        | 288              | 120             | 168            | 201              | 173             | 819           | 657        | 27         | 0.1        | BDL              | 5            | 0.8              | 56              | 4.4            | ----                     | Irrigation              | 0.005                      | BDL     | 0.0035  | BDL    | BDL   | 0.002    | 0.017  | 0.001 | 0.1449  | --           | --      |           |
| 20    | 1255         | River Pennar at Uanganor  | Ananthapur / Kurnool | NWMP      | Monthly     | 07.04.2018                   | 10:00 AM      | Clear   | >100 cms       | Others                    | Clear             | None      | None      | -             | 25             | 4.5       | 8    | 1743                 | <2         | 5.7              | BDL              | NIL             | NIL                        | ----                       | ----             | < 1             | ----            | 368              | 254               | 8               | BDL        | BDL        | 152              | 76              | 76             | 114              | 323             | 1024          | 816        | < 5        | < 0.1      | BDL              | 6            | 0.9              | 81              | 11.4           | ----                     | Irrigation              | 0.001                      | BDL     | 0.0019  | BDL    | 0.002 | 0.001    | 0.016  | 0.002 | 0.0226  | --           | --      |           |
| 21    | 1256         | River Pennar at Pushpagiri Chennur,YSR Kadapa District  | Kadapa / Tirupathi   | NWMP      | Monthly     | 12.04.2018                   | 11:40 AM      | Clear   | 50-100 cms     | Others                    | Clear             | None      | None      | -             | 29             | 5.4       | 7.8  | 1467                 | <2         | 1.9              | BDL              | NIL             | 500                        | 6                          | 0.7              | 13.7            | ----            | 220              | 223               | 13              | BDL        | BDL        | 260              | 100             | 160            | 197              | 209             | 893           | 711        | 18         | 0.2        | BDL              | 7            | 1.1              | 63              | 5.6            | ----                     | Irrigation              | 0.004                      | BDL     | 0.0029  | BDL    | BDL   | 0.001    | 0.035  | 0.001 | 0.1177  | --           | --      |           |
| 22    | 1785         | River Thungabhadra at Manthralayam  | Kurnool/Kurnool      | NWMP      | Monthly     | 23.04.2018                   | 9:30 AM       | Clear   | < 50 cms       | Bathing                   | None              | Clear     | None      | -             | 29             | 5.5       | 8.1  | 1863                 | 2.8        | 0.9              | ----             | NIL             | 800                        | 6                          | 0.7              | 14.2            | ----            | 244              | 304               | 24              | BDL        | BDL        | 264              | 100             | 164            | 262              | 284             | 1157          | 926        | 43         | 0.2        | BDL              | 26           | 0.9              | 68              | 7.6            | ----                     | Irrigation              | 0.01                       | BDL     | 0.0037  | BDL    | BDL   | 0.005    | 0.015  | 0.001 | 0.0751  | --           | --      |           |
| 23    | 2350         | River Hundri at Laxmipuram village  | Kurnool/Kurnool      | NWMP      | Monthly     | 24.04.2018                   | 9:20 AM       | Clear   | > 100 cms      | Others                    | Clear             | None      | None      | -             | 26             | 3.3       | 7.2  | 4010                 | <2         | 6.5              | BDL              | NIL             | NIL                        | ----                       | ----             | < 1             | NIL             | 328              | 820               | 11              | BDL        | BDL        | 1080             | 532             | 548            | 495              | 393             | 2316          | 1857       | < 5        | < 0.1      | BDL              | 16           | 0.6              | 44              | 5.2            | ----                     | Irrigation              | 0.003                      | BDL     | 0.003   |        |       |          |        |       |         |              |         |           |