

**A.P. POLLUTION CONTROL BOARD**  
**NWMP DATA FOR THE MONTH OF FEBRUARY - 2015**

| 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. (OC) | DO (mg/L) | pH   | Conductivity (mS/cm) | BOD (mg/L) | Nitrate-N (mg/L) | Nitrite-N (mg/L) | Fecal Coliform (MPN/100ml) | Total Coliform (MPN/100ml) | Saprobity index | Diversity index | Turbidity (NTU) | Phen-Alk. (mg/L) | Total Alk. (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 |
|-------|--------------|--|-----------------------------|-----------|-----------|-----------------|---------------|---------|---------------|----------------------------|------------------|------------|-----------|---------------|------------------|-----------|------|----------------------|------------|------------------|------------------|----------------------------|----------------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|------------|------------|------------------|-----------------|----------------|------------------|-----------------|---------------|------------|------------|------------|------------------|--------------|------------------|-----------------|----------------|------------|----------------------------|----------------------------|
| 1     | 25           | River Krishna at Prakasham barrage, Vijayawada             | Krishna / Vijayawada        | NWMP      | Monthly   | 02-02-2015      | 5.30 PM       | Clear   | >1 mtr.       | Bathing, cloth washing.    | None             | None       | None      | -             | 26               | 7.2       | 7.85 | 631                  | 0.6        | 0.18             | BDL              | <2                         | 800                        | --              | --              | 5               | -                | 45                | 65              | 4          | BDL        | BDL              | 120             | 50             | 70               | 25              | 15            | 410        | 402        | 5          | BDL              | 0.12         | 2                | 0.16            | 21.04          | 0.6        | Domestic                   | Irrigation purpose         |
| 2     | 1177         | Munneru before confluence with river Krishna at keesara    | Krishna / Vijayawada        | NWMP      | Monthly   | 02-02-2015      | 3.00PM        | Clear   | >1 mtr.       | Fishing, bathing and cloth | None             | Clear      | None      | -             | 26               | 7.2       | 8.09 | 810                  | 0.6        | 0.22             | BDL              | <2                         | 800                        | --              | --              | 5               | -                | 80                | 110             | 8          | BDL        | BDL              | 180             | 110            | 70               | 35              | 25            | 530        | 520        | 5          | BDL              | BDL          | 2                | 0.22            | 22.98          | 0.81       | Others                     | Cultivation                |
| 3     | 1178         | River Paleru at Jaggaiahpet (before confluence with        | Krishna / Vijayawada        | NWMP      | Monthly   | 02-02-2015      | 10.30 AM      | Clear   | >1mtr.        | Others                     | None             | Clear      | None      | -             | 24               | 7.1       | 7.54 | 892                  | 0.7        | 0.52             | BDL              | <2                         | 800                        | --              | --              | 6               | -                | 80                | 92              | 8          | BDL        | BDL              | 180             | 50             | 130              | 30              | 20            | 580        | 570        | 5          | BDL              | BDL          | 2                | 0.02            | 19.2           | 0.69       | Industrial                 | Drinking Water Source to   |
| 4     | 1257         | River Pennar after confluence with Cheyuru at Somasila     | Nellore / Nellore           | NWMP      | Monthly   | 03-02-2015      | 09.30 AM      | Clear   | 2-3 ft        | None                       | None             | Colourless | Odourless | -             | 27               | 4.8       | 7.15 | 721                  | 0.6        | 0.25             | BDL              | <2                         | 800                        | --              | --              | 6               | -                | 75                | 65              | 4          | BDL        | BDL              | 150             | 60             | 90               | 40              | 20            | 470        | 462        | 5          | BDL              | 0.25         | 2                | 0.22            | 22.5           | 0.71       | Domestic and agriculture   | Domestic and Agriculture.  |
| 5     | 1782         | Puligadda aqueduct near Avaniagadda (V)                    | Krishna / Vijayawada        | NWMP      | Monthly   | 05-02-2015      | 04.30 PM      | Clear   | >1 mtr.       | Cattle wading, cloth       | -                | Turbid     | None      | Medium        | 24               | 4.8       | 7.52 | 6560                 | 0.6        | 0.28             | BDL              | <2                         | 1100                       | -               | -               | 6               | -                | 90                | 690             | 8          | BDL        | BDL              | 380             | 150            | 230              | 280             | 380           | 4225       | 4140       | 10         | BDL              | BDL          | 5                | 0.22            | 68.17          | 8.48       | Others                     | Fishing                    |
| 6     | 1786         | River Krishna at Vedadri                                   | Krishna / Vijayawada        | NWMP      | Monthly   | 02-02-2015      | 09.30 AM      | Clear   | >1 mtr.       | Bathing, cloth             | None             | Clear      | None      | -             | 24               | 6.5       | 7.44 | 750                  | 0.6        | 0.32             | BDL              | <2                         | 800                        | -               | -               | 6               | -                | 75                | 110             | 8          | BDL        | BDL              | 210             | 80             | 130              | 30              | 20            | 490        | 480        | 5          | BDL              | BDL          | 2                | 0.28            | 17.01          | 0.6        | Others                     | Cultivation                |
| 7     | 1787         | River Krishna at Amaravathi                                | Guntur                      | NWMP      | Monthly   | 07-02-2015      | 03.30 PM      | Cloudy  | >50-100 cm    | Others                     | None             | None       | None      | -             | 23               | 7.6       | 7.44 | 641                  | 0.6        | 0.32             | BDL              | <2                         | 800                        | -               | -               | 6               | -                | 45                | 60              | 8          | BDL        | BDL              | 110             | 40             | 70               | 20              | 15            | 420        | 412        | 5          | BDL              | 0.15         | 2                | 0.18            | 22.49          | 0.62       | Industrial and agriculture | -                          |
| 8     | 1790         | Pulicat lake   | Nellore                     | NWMP      | Monthly   | 05-02-2015      | 10.30 AM      | Clear   | 2-3 ft        | Fishing                    | None             | Colourless | Odourless | -             | 26               | 4.3       | 8.94 | 28600                | 0.6        | 0.65             | BDL              | <2                         | 1100                       | -               | -               | 7               | -                | 310               | 6500            | 8          | BDL        | BDL              | 3800            | 1600           | 2200             | 1020            | 3000          | 18600      | 18320      | 8          | BDL              | 0.48         | 350              | 1.56            | 60.6           | 21.2       | Industrial                 | Fishing                    |
| 9     | 30           | River Pennar at Siddavatham                                | Kadapa / Nellore            | NWMP      | Monthly   | 07-02-2015      | 3.30 PM       | Clear   | 50-100cm      | -                          | None             | Clear      | None      | -             | 29               | 5.6       | 8.42 | 742                  | 3.4        | 3.1              | -                | 20                         | 470                        | -               | -               | -               | -                | 192               | 136             | 24         | BDL        | BDL              | 212             | 120            | 92               | 51              | 88            | 568        | 466        | 9          | 0.12             | BDL          | 2                | 0.75            | 47             | 2.6        | -                          | Irrigation                 |
| 10    | 1174         | River Thungabhadra at Bhavapuram                           | Kurnool                     | NWMP      | Monthly   | 07-02-2015      | 09.30AM       | Clear   | <200 cms      | -                          | None             | Clear      | None      | -             | 27               | 6.8       | 7.88 | 1064                 | 2.8        | 3.9              | -                | 19                         | 496                        | -               | -               | -               | -                | 184               | 96              | 10         | BDL        | BDL              | 192             | 92             | 100              | 108             | 96            | 612        | 502        | 9          | 0.32             | BDL          | 3                | 0.76            | 52             | 3          | Nil                        | Irrigation                 |
| 11    | 1175         | River Krishna at Srishailam (Krishna after confluence with | Kurnool                     | NWMP      | Monthly   | 09-02-2015      | 08.00 AM      | Clear   | 5 meters      | Bathing Ghat               | Flowers and puja | -          | Nil       | -             | 24               | 6.9       | 8.46 | 748                  | 2.4        | 2.4              | -                | 20                         | 510                        | -               | -               | -               | -                | 167               | 108             | 18         | BDL        | BDL              | 156             | 98             | 58               | 59              | 82            | 472        | 387        | 12         | 0.39             | BDL          | 3                | 0.8             | 53             | 2.8        | Nil                        | Irrigation                 |
| 12    | 1255         | River Pennar at Uanganoor (River Pennar before             | Ananthapur / Kurnool        | NWMP      | Monthly   | 01-02-2015      | 01.30PM       | Clear   | <30 cms       | Nil                        | Nil              | Clear      | None      | -             | 32               | 6.7       | 8.22 | 1260                 | 4.1        | 3.4              | -                | NIL                        | 40                         | -               | -               | -               | -                | 154               | 142             | 28         | BDL        | BDL              | 160             | 96             | 64               | 46              | 89            | 888        | 706        | 12         | 0.08             | BDL          | 3                | 0.9             | 54             | 3          | Nil                        | Drinking and Irrigation    |
| 13    | 1256         | River Pennar at Pushpagiri (River Pennar after confluence  | Kadapa / Tirupathi          | NWMP      | Monthly   | 07-02-2015      | 11.30 AM      | Clear   | <50cms        | Nil                        | -                | Clear      | Nil       | -             | 27               | 5.3       | 8.41 | 996                  | 2          | 2.7              | -                | 30                         | 360                        | -               | -               | -               | -                | 204               | 98              | 8          | BDL        | BDL              | 176             | 132            | 44               | 49              | 79            | 549        | 433        | 7          | 1.3              | BDL          | 2                | 0.44            | 49             | 2.6        | Nil                        | Irrigation                 |
| 14    | 1517         | B/w at Kurnool near Thungabhadra river                     | Kurnool                     | NWMP      | Monthly   | 07-02-2015      | 10.30 PM      | Clear   | <10 metre     | Village and                | None             | Clear      | None      | -             | 29               | 3.2       | 7.81 | 3740                 | 1.6        | 3.1              | -                | Nil                        | 20                         | -               | -               | -               | -                | 536               | 615             | 24         | BDL        | BDL              | 492             | 336            | 156              | 241             | 493           | 2686       | 2192       | 27         | 0.63             | BDL          | 4                | 0.89            | 68             | 9.7        | Nil                        | Irrigation                 |
| 15    | 1518         | B/w at Nandyal (Kundu)                                     | Kurnool                     | NWMP      | Monthly   | 09-02-2015      | 12.00 PM      | Clear   | < meters      | None                       | Nil              | Clear      | None      | -             | 28               | 3.3       | 8.02 | 5240                 | 3.1        | 4                | -                | Nil                        | 30                         | -               | -               | -               | -                | 660               | 676             | 69         | BDL        | BDL              | 522             | 350            | 172              | 285             | 581           | 3684       | 2926       | 16         | 0.71             | BDL          | 4                | 0.87            | 70             | 11         | Nil                        | Irrigation                 |
| 16    | 1519         | Borewell at Nagari   | Chittoor / Tirupathi        | NWMP      | Monthly   | 07-02-2015      | 03.30 PM      | Clear   | <400 cms      | Bathing                    | Nil              | Clear      | None      | -             | 29               | 3.8       | 8.08 | 891                  | 1.2        | 3.1              | -                | Nil                        | 30                         | -               | -               | -               | -                | 194               | 176             | 16         | BDL        | BDL              | 248             | 136            | 108              | 54              | 96            | 553        | 418        | 6          | 0.6              | BDL          | 4                | 0.72            | 46             | 2.7        | Nil                        | Irrigation                 |
| 17    | 1520         | Borewell at Srikalahasthi near Swarnamukhi river           | Chittoor / Tirupathi        | NWMP      | Monthly   | 07-02-2015      | 11.00 AM      | Clear   | <400 cms      | Cattle Wading              | Nil              | Clear      | None      | -             | 29               | 4.1       | 8.4  | 790                  | 1.6        | 2.3              | -                | Nil                        | 20                         | -               | -               | -               | -                | 204               | 156             | 21         | BDL        | BDL              | 244             | 137            | 107              | 74              | 91            | 543        | 430        | 8          | 0.22             | BDL          | 3                | 0.54            | 44             | 2.5        | Nil                        | Irrigation                 |
| 18    | 1785         | River Thungabhadra at Manthralayam                         | Kurnool                     | NWMP      | Monthly   | 05-02-2015      | 11.00 AM      | Clear   | <200 cms      | Nil                        | Nil              | Clear      | None      | -             | 27               | 6.7       | 7.94 | 982                  | 2          | 2.9              | -                | 10                         | 520                        | -               | -               | -               | -                | 244               | 116             | 12         | BDL        | BDL              | 248             | 152            | 96               | 61              | 82            | 648        | 517        | 28         | 0.5              | BDL          | 2                | 0.61            | 42             | 2.3        | Nil                        | Irrigation                 |
| 19    | 2350         | River Hundri at Lakshampuram                               | Kurnool                     | NWMP      | Monthly   | 07-02-2015      | 11.20 AM      | Clear   | <100cm        | Nil                        | Nil              | Nil        | None      | -             | 27               | 6.5       | 8.12 | 1108                 | 2.6        | 3.4              | -                | 20                         | 560                        | -               | -               | -               | -                | 232               | 139             | 26         | BDL        | BDL              | 240             | 159            | 81               | 66              | 92            | 716        | 581        | 18         | 0.59             | BDL          | 3                | 0.58            | 45             | 2.6        | Nil                        | Irrigation                 |
| 20    | 2351         | River Kundu at Nandyal                                     | Kurnool                     | NWMP      | Monthly   | 09-02-2015      | 10.50 AM      | Clear   | <150cms       | Nil                        | Nil              | Clear      | None      | -             | 28               | 7.1       | 8.67 | 1061                 | 3.1        | 3.9              | ..               | 20                         | 530                        | -               | -               | -               | -                | 216               | 127             | 25         | BDL        | BDL              | 248             | 184            | 64               | 98              | 96            | 605        | 485        | 25         | 0.89             | BDL          | 3                | 0.61            | 45             | 2.6        | Town sewage                | Irrigation                 |
| 21    | 3083         | D/s. of Srishailam   | Kurnool                     | NWMP      | Monthly   | 09-02-2015      | 09.40 AM      | Clear   | 0.5 mts       | Bathing Ghat               | flowers and puja | Nil        | None      | -             | 26               | 7         | 8.42 | 737                  | 2.3        | 2                | -                | 10                         | 410                        | -               | -               | -               | -                | 166               | 79              | 10         | BDL        | BDL              | 142             | 76             | 66               | 48              | 72            | 446        | 426        | 16         | 0.4              | BDL          | 2                | 0.7             | 52             | 2.6        | Bathing Activities and     | Irrigation                 |
| 22    | 14           | River Godavari at Polavaram                                | West Godavari / Eluru       | NWMP      | Monthly   | 11-02-2015      | 12.30 PM      | Clear   | 50-100 cms    | Washing                    | None             | Clear      | None      | -             | 26               | 5.6       | 7.9  | 244                  | 1          | 0.226            | 0.072            | 20                         | 210                        | -               | -               | 5               | NIL              | 84                | 19              | 16         | 0.04       | BDL              | 70              | 40             | 30               | 7               | 20            | 142        | 126        | 8          | 0.56             | BDL          | 2                | 0.62            | 37.9           | 1.05       | None                       | Drinking, washing, etc.    |
| 23    | 1218         | U/s of River Godavari at Rajahmundry (Kumaradevam)         | West Godavari / Eluru       | NWMP      | Monthly   | 11-02-2015      | 01.30 PM      | Clear   | 50-100 cms    | Cloth washings             | None             | Clear      | None      | -             | 26               | 5.5       | 7.8  | 253                  | 1          | 0.318            | BDL              | 7                          | 64                         | -               | -               | 5               | NIL              | 84                | 20              | 12         | 0.36       | BDL              | 90              | 50             | 40               | 7               | 18            | 146        | 134        | 7          | 0.38             | BDL          | 2                | 0.48            | 30.44          | 0.84       | None                       | Drinking, washing, etc.    |
| 24    | 1219         | D/s of River Godavari at Rajahmundry (Dhavaleswaram)       | East Godavari / Kakinada    | NWMP      | Monthly   | 06-02-2015      | 05.15 PM      | Clear   | 50-100 cms    | Cattle wading              | Moderate         | Brown      | None      | -             | 20               | 5         | 7.9  | 237                  | 1          | 0.404            | 0.066            | 21                         | 240                        | -               | -               | 4.8             | NIL              | 92                | 16              | 16         | 0.32       | BDL              | 90              | 40             | 50               | 6               | 18            | 140        | 124        | 12         | 0.82             | BDL          | 2                | 0.41            | 29.89          | 0.83       | Industrial and domestic    | Drinking, washing.         |
| 25    | 1448         | River Nagavali at Thotapally Regulatory                    | Vizianagaram / Vizianagaram | NWMP      | Monthly   | 11-02-2015      | 03.30 PM      | Cloudy  | 50-100        | Others                     | None             | Turbid     | None      | -             | 26               | 5.4       | 7.9  | 510                  | 1          | 0.214            | 0.06             | 11                         | 150                        | -               | -               | 5               | NIL              | 180               | 39              | 12         | 0.42       | BDL              | 160             | 100            | 60               | 10              | 28            | 281        | 250        | 24         | 0.81             | BDL          | 2                | 0.83            | 27.58          | 0.97       | Industrial                 | Agriculture purposes       |
| 26    | 1522         | Open well at Peddanuvvi                                    | Srikakulam / Vizianagaram   | NWMP      | Monthly   | 05-02-2015      | 12.25 PM      | Cloudy  | >100 cms      | Others                     | None             | Clear      | None      | -             | 27               | 5         | 7.6  | 992                  | 1.6        | 0.235            | 0.042            | 4                          | 28                         | -               | -               | 5.2             | NIL              | 264               | 108             | 24         | 0.64       | 0.1              | 400             | 300            | 100              | 34              | 42            | 556        | 568        | 18         | 0.74             | BDL          | 4                | 0.89            | 18.47          | 0.92       | Industrial                 | Agriculture purposes       |
| 27    | 2352         | River Vamsadhara at Kalingapatnam                          | Vizianagaram                | NWMP      | Monthly   | 05-02-2015      | 04.35 Pm      | Cloudy  | 50-100 cms    | Others                     | None             | Clear      | None      | -             | 26               | 5.2       | 7.8  | 274                  | 1          | 0.521            | 0.042            | 7                          | 120                        | -               | -               | 4.8             | NIL              | 92                | 20              | 16         | 0.36       | BDL              | 180             | 90             | 90               | 12              | 20            | 153        | 142        | 16         | 0.45             | BDL          | 2                | 0.52            | 19.57          | 0.66       | Industrial                 | Agriculture purposes       |
| 28    | 2353         | Kondakarla-Ava Lake, Kondakarla                            | Visakhapatnam               | NWMP      | Monthly   | 11-02-2015      | 12.30 PM      | Clear   | ----          | Others                     | None             | Clear      |           |               |                  |           |      |                      |            |                  |                  |                            |                            |                 |                 |                 |                  |                   |                 |            |            |                  |                 |                |                  |                 |               |            |            |            |                  |              |                  |                 |                |            |                            |                            |