

GOVERNMENT OF ANDHRA PRADESH  
MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (K) DEPARTMENT

**Letter No.1282446/K/2020**

**Date:04.08.2025**

**From**

The Principal Secretary to Government,  
Government of Andhra Pradesh,  
MA&UD Department,  
AP Secretariat, Velagapudi.

**To**

The Secretary,  
Ministry of Jal Sakti,  
MoHUA., Government of India,  
New Delhi. (w.e)

Sir,

**Sub:-** M.A & U.D Department - National Green Tribunal – Orders of the National Green Tribunal Principal Bench, New Delhi in OA No.673/2018 - Monthly Progress Report for the Month of June, 2025 - Furnished – Regarding.

**Ref:-** 1. Orders of the National Green Tribunal Principal Bench, New Delhi in OA No.673/2018, dated.24.09.2020.  
2. From the Commissioner & Director of Municipal Administration, AP, Lr. Roc. No.12057/54/2020/Lsec, dated:04.08.2025, received through e-Office bearing Computer No 1281373.

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In compliance with the directions of the Hon'ble National Green Tribunal Principal Bench, New Delhi in the reference 1<sup>st</sup> cited, I herewith enclose the Monthly Progress Report in the prescribed format for the month of June, 2025, Which was received vide reference 2<sup>nd</sup> cited, for taking further necessary action in the matter.

Yours faithfully,

*K. Santhosh*

for Principal Secretary to Government

**Copy to:-**

The Commissioner & Director of Municipal Administration, AP.

**National Mission for Clean Ganga**  
**Format for submission of Monthly Progress Report for Month of June 2025**  
**in the NGT Matter OA No. 673 of 2018**  
**(in compliance to NGT order dated 24.09.2020)**  
**For the State of Andhra Pradesh**

**Overall status of the State:**

- I. Total Urban Population : @1.77 Crore
- II. Estimated Sewage Generation (MLD) : 1957.00 MLD

**III. Details of Sewage Treatment Plants:**

- Existing STPs and Treatment Capacity (74 ULBs) : 707.90 MLD (125 Nos)
- Present Gap in Treatment Capacity in MLD : 1249.10 MLD
- Quantity of Sewerage Treated (23 ULBs) : 525.75 MLD (64 Nos)
- Reuse of Treated water (Qty) (13 ULBs) : 232.85 MLD
- Capacity of STPs under Construction : 638.52 MLD
  - Capacity of under construction STP's (32 ULBs) : 485.37 MLD  
by ENC (PH) (57 STPs)
  - Capacity of Under Construction STPs at : 39.80 MLD  
APTIDCO Houses (41 ULBs) (57 STPs)
  - Capacity of under s under Construction STPs : 113.35 MLD  
Under SBM 2.0 (28 ULBs) (45 STPs/ NSTPs)
- Gap in treatment capacity after completion of above STPs : 610.58 MLD.
- Capacity of STPs Tendered and Awarded : 711.76 MLD (186 STPs)
  - ENC (PH) AMRUT 2.0 – Under Tender Process : 226.60 MLD (29 STPs)
  - SBM 2.0 To be Tenderd (67 ULBs) : 451.16 MLD (155 STPs)
  - UIDF (Tranche – 2 2024 -2025) (1 ULB) : 34.00 MLD (2 STPs)

### III (A) Details Existing STPs in the State:

| Sl. No | City / Town | Location of STP       | Date of Commissioning | Existing STP Capacity (in MLD) | Utilization on capacity (in MLD) | Operational Status of STP | Compliance Status of STP                                                                                                                                                                 |
|--------|-------------|-----------------------|-----------------------|--------------------------------|----------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | GVMC        | Old town              | 05/2019               | 38.00                          | 38.00                            | Operational               | Complied                                                                                                                                                                                 |
| 2      |             | Appughar              | 09/2010               | 25.00                          | 25.00                            | Operational               | Complied                                                                                                                                                                                 |
| 3      |             | Mudasarlova           | 04/2008               | 13.00                          | 13.00                            | Operational               | Complied                                                                                                                                                                                 |
| 4      |             | Narava                | 08/2001               | 54.00                          | 54.00                            | Operational               | Complied                                                                                                                                                                                 |
| 5      |             | Anakapalle            | 04/2018               | 15.00                          | 15.00                            | Operational               | Complied                                                                                                                                                                                 |
| 6      |             | Madinabagh            | 2018                  | 2.00                           | 2.00                             | Operational               | Complied                                                                                                                                                                                 |
| 7      |             | Yathapalem Colonies   | 04/2008               | 2.50                           | 2.50                             | Operational               | Complied                                                                                                                                                                                 |
| 8      |             | Srinagar              | 04/2008               | 0.50                           | 0.50                             | Operational               | Complied                                                                                                                                                                                 |
| 9      |             | Karnavani palem       | 12/2019               | 5.00                           | 0.0                              | -                         | The work will be integrated with the Smart City Project in Package-II taken up by the GVMC with M/s TATA Projects which is under progress and will be made functional by September-2026. |
| 10     |             | Mantripalem           | 04/ 2008              | 1.00                           | 1.00                             | Operational               | Complied                                                                                                                                                                                 |
| 11     |             | Aganampudi            | 12/2015               | 6.00                           | 6.00                             | Operational               | Complied                                                                                                                                                                                 |
| 12     |             | Rathi Cheruvu         | 09/ 2019              | 2.00                           | 2.00                             | Operational               | Complied                                                                                                                                                                                 |
| 13     |             | Kommadi / Madhurawada | 08/2018               | 4.00                           | 4.00                             | Operational               | Complied                                                                                                                                                                                 |
| 14     |             | Bakkannapalem         | 08/ 2011              | 1.00                           | 1.00                             | Operational               | Complied                                                                                                                                                                                 |
| 15     |             | Marikavalasa          | 12/ 2012              | 2.00                           | 2.00                             | Operational               | Complied                                                                                                                                                                                 |

| Sl. No | City / Town       | Location of STP       | Date of Commissioning | Existing STP Capacity (in MLD) | Utilization capacity (in MLD) | Operational Status of STP | Compliance Status of STP |
|--------|-------------------|-----------------------|-----------------------|--------------------------------|-------------------------------|---------------------------|--------------------------|
| 16     |                   | Vambay Colony         | 08/ 2011              | 3.00                           | 3.00                          | Operational               | Complied                 |
| 17     |                   | YSR Nagar             | 08/ 2011              | 2.00                           | 2.00                          | Operational               | Complied                 |
| 18     |                   | Boyapalem             | 08/ 2011              | 1.00                           | 1.00                          | Operational               | Complied                 |
| 19     |                   | Narava                | 10/2022               | 54.00                          | 15.00                         | Operational               | Complied                 |
| 20     |                   | Paradesi-palem        | 08/2022               | 2.00                           | 0.50                          | Operational               | Complied                 |
|        |                   |                       | <b>Sub Total</b>      | <b>233.00</b>                  | <b>187.50</b>                 |                           |                          |
| 21     | Rajamahendravaram | Hukumpeta             | 01/2009               | <b>30.00</b>                   | <b>30.00</b>                  | Operational               | Complied                 |
| 22     | Vijayawada        | Ajith Singh Nagar-1   | 05/2011               | 40.00                          | 40.00                         | Operational               | Complied                 |
| 23     |                   | Ajith Singh Nagar-2   | 05/2012               | 20.00                          | 20.00                         | Operational               | Complied                 |
| 24     |                   | Ramalingeswar Nagar-1 | 06/2012               | 20.00                          | 20.00                         | Operational               | Complied                 |
| 25     |                   | Ramalingeswar Nagar-2 | 10/2006               | 10.00                          | 10.00                         | Operational               | Complied                 |
| 26     |                   | Autonagar -1          | 03/2005               | 10.00                          | 10.00                         | Operational               | Complied                 |
| 27     |                   | Autonagar -2          | 12/2018               | 10.00                          | 10.00                         | Operational               | Complied                 |
| 28     |                   | Jakkampudi            | 07/2017               | 20.00                          | 20.00                         | Operational               | Complied                 |
|        |                   |                       | <b>Sub Total</b>      | <b>130.00</b>                  | <b>130.00</b>                 |                           |                          |
| 29     | Tirupathi         | Thukivakam            | 09/.2018              | <b>50.00</b>                   | <b>33.00</b>                  | Operational               | Complied                 |
| 30     | Kadapa            | Nanepally             | Aug 2012              | <b>20.00</b>                   | <b>10.00</b>                  | Operational               | Complied                 |
| 31     | Pulivendula       | Rotarypuram           | 10/2022               | <b>10.00</b>                   | <b>5.00</b>                   | Operational               | Complied                 |
| 32     | Tadipatri         | Gannevari-palle       | 10/2010               | 3.50                           | 3.50                          | Operational               | Complied                 |
| 33     |                   |                       | 10/2010               | 8.00                           | 8.00                          | Operational               | Complied                 |
|        |                   |                       | <b>Sub Total</b>      | <b>11.50</b>                   | <b>11.50</b>                  |                           |                          |
| 34     | Puttaparthi       | Sai Nagar             | 07/2001               | 0.50                           | 0.50                          | Operational               | Complied                 |
| 35     |                   | Gokulam               | 07/.2001              | 0.50                           | 0.20                          | Operational               | Complied                 |
| 36     |                   | Prasanthi Gram        | 07/2001               | 0.50                           | 0.50                          | -                         |                          |
|        |                   |                       | <b>Sub Total</b>      | <b>1.50</b>                    | <b>0.70</b>                   |                           |                          |
| 37     | Narsarao-peta     | CPT Road              | 02/2018               | <b>15.55</b>                   | <b>9.50</b>                   | Operational               | Complied                 |

| Sl. No | City / Town | Location of STP            | Date of Commissioning | Existing STP Capacity (in MLD) | Utilization on capacity (in MLD) | Operational Status of STP | Compliance Status of STP                                                                                                                                    |
|--------|-------------|----------------------------|-----------------------|--------------------------------|----------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 38     | Nellore     | Janardhan Reddy Colony     | 07/2019               | 5.00                           | 5.00                             | Operational               | Complied                                                                                                                                                    |
| 39     |             | Allepuram                  | 07/2021               | 55.00                          | 55.00                            | Operational               | Complied                                                                                                                                                    |
| 40     |             | Drivers Colony             | -                     | 11.00                          | 0.00                             | Operational               | The work is resumed by the agency for closing gaps in the network. Simultaneously HSCs will be given by the MC and STP will be made functional by Aug-2025. |
|        |             |                            | <b>Sub Total</b>      | <b>71.00</b>                   | <b>60.00</b>                     |                           |                                                                                                                                                             |
| 41     | Kurnool     | Jammichettu                | 03/2019               | 0.80                           | 0.80                             | Operational               | Complied                                                                                                                                                    |
| 42     |             | Sankal Bagh                | 03/2019               | 0.80                           | 0.80                             | Operational               | Complied                                                                                                                                                    |
| 43     |             | Tungabhadra Pump House     | 03/2018               | 0.80                           | 0.80                             | Operational               | Complied                                                                                                                                                    |
| 44     |             | Kurnool                    | 03/2025               | 2.00                           | 0.00                             | -                         | Under Trail Run                                                                                                                                             |
|        |             |                            | <b>Sub Total</b>      | <b>4.40</b>                    | <b>2.40</b>                      |                           |                                                                                                                                                             |
| 45     | Tadepalli   | Mahanadu-1                 | 12/2018               | 0.20                           | 0.20                             | Operational               | Complied                                                                                                                                                    |
| 46     |             | Mahanadu-2                 | 12/2018               | 0.20                           | 0.20                             | Operational               | Complied                                                                                                                                                    |
|        |             |                            |                       | <b>0.40</b>                    | <b>0.40</b>                      |                           |                                                                                                                                                             |
| 47     | Kondapalli  | Security Colony            | 12/2021               | 0.80                           | 0.80                             | Operational               | Complied                                                                                                                                                    |
| 48     |             | Security Colony            | 01/2023               | 2.00                           | 1.60                             | Operational               | Complied                                                                                                                                                    |
|        |             |                            |                       | <b>2.80</b>                    | <b>2.40</b>                      |                           |                                                                                                                                                             |
| 49     | Yemmiganuru | Soganur Road               | 06/2022               | <b>19.80</b>                   | <b>5.00</b>                      | Operational               | Complied                                                                                                                                                    |
| 50     | Ongole      | Koppolu                    | 10/2022               | <b>15.00</b>                   | <b>15.00</b>                     | Operational               | Complied                                                                                                                                                    |
| 51     | Eluru       | Dendulru                   | -                     | <b>5.00</b>                    | -                                | Operational               | .                                                                                                                                                           |
| 52     | Tenali      |                            | 03/2025               | <b>10.00</b>                   | -                                |                           | Under Trail Run                                                                                                                                             |
|        | 17 ULBs     | <b>Grand Total 51 STPs</b> |                       | <b>629.95</b>                  | <b>502.40</b>                    |                           |                                                                                                                                                             |

### III (B) Details of Existing STPs in APTIDCO Housing Colonies:

| Sl. No | Name of the ULB    | Name of the Location     | No.of STPs | Capacity in MLD | Qty sewage water treated | Percentage of Progress of work                                              |
|--------|--------------------|--------------------------|------------|-----------------|--------------------------|-----------------------------------------------------------------------------|
| 1      | 2                  | 3                        | 4          | 5               | 6                        | 7                                                                           |
| 1      | Srikakulam         | Patrunivalasa            | 1          | 2.10            | 2.10                     | Completed O&M in progress                                                   |
| 2      | Vizianagaram       | Saripalli                | 1          | 1.50            | 1.50                     | Completed O&M in progress                                                   |
| 3      |                    | Sonia Nagar              | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 4      | Saluru             | Saluru                   | 1          | 0.60            | -                        | Completed Trial run in progress                                             |
| 5      | GVMC               | Parawada                 | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 6      |                    | Satyanarayanapuram       | 1          | 1.50            | -                        | Completed Trial run in progress                                             |
| 7      |                    | Dabbanda                 | 1          | 0.90            | -                        |                                                                             |
| 8      |                    | Aganapudi (Try Junction) | 1          | 1.10            | -                        | Civil Work Completed, Trilerun is heldup for want of sewage & Power Supply. |
| 9      | Yelamanchilli      | Yelamanchilli            | 1          | 0.20            | 0.20                     | Completed O&M in progress                                                   |
| 10     | Pedapuram          | Valitimmapuram           | 1          | 2.00            | -                        | Completed Trial run in progress                                             |
| 11     | Pitapuram          | Gorsa                    | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 12     | Samarlakota        | Jaggamvaripeta           | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 13     |                    | Uppuvaripeta             | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 14     | Manadapeta         | Gollapunta               | 1          | 3.00            | -                        | Completed Trial run in progress                                             |
| 15     | Ramachanadhrapuram | Kothuru (Ph-1)           | 1          | 0.75            | -                        | Completed Trial run in progress                                             |
| 16     | Rajamahedhravaram  | Bommuru-I                | 1          | 1.50            | -                        | Completed Trial run in progress                                             |
| 17     |                    | Torredu                  | 1          | 0.50            | -                        | Completed Trial run in progress                                             |
| 18     | Tadepalli Gudem    | a. Kondruprolu-I         | 1          | 2.00            | -                        | Completed Trial run in progress                                             |
| 19     |                    | b. Kondruprolu-II        | 1          | 0.75            | -                        | Completed Trial run in progress                                             |

| Sl. No | Name of the ULB | Name of the Location | No.of STPs | Capacity in MLD | Qty sewage water treated | Percentage of Progress of work                                                          |
|--------|-----------------|----------------------|------------|-----------------|--------------------------|-----------------------------------------------------------------------------------------|
| 20     | Palakollu       | Penukulapadu         | 1          | 3.50            | -                        | Completed<br>Trial run in progress                                                      |
| 21     | Gudivada        | Mallayapallem -I     | 1          | 1.60            | 1.60                     | Completed<br>O & M in Progress                                                          |
| 22     |                 | Mallayapallem -II    | 1          | 2.70            | 2.70                     | Completed<br>O & M in Progress                                                          |
| 23     | Machalipatnam   | Gosanagam - II       | 1          | 0.50            | 0.50                     | Completed<br>O & M in Progress                                                          |
| 24     |                 | Rudravaram - II      | 1          | 0.70            | -                        | Completed, Trilerun is<br>heldup for want of<br>sewage                                  |
| 25     | Vijayawada      | Jakkampudi I         | 1          | 0.90            | -                        | Civil Work<br>Completed, Trilerun is<br>heldup for want of<br>sewage & Power<br>Supply. |
| 26     |                 | Jakkampudi II        | 1          | 0.60            | -                        |                                                                                         |
| 27     |                 | Jakkampudi III       | 1          | 0.90            | -                        |                                                                                         |
| 28     |                 | Jakkampudi IV        | 1          | 0.90            | -                        |                                                                                         |
| 29     | Managalagiri    | RGK Colony - I       | 1          | 0.80            | 0.80                     | Completed<br>O & M in Progress                                                          |
| 30     | Guntur          | Vengalayapalem I&II  | 1          | 1.50            | -                        | Completed, Trilerun is<br>heldup for want of<br>sewage                                  |
| 31     |                 | Adavitakilapadu      | 1          | 2.00            | -                        | Completed, Trilerun is<br>in progress.                                                  |
| 32     | Tenali          | Chinaravuru          | 1          | 0.60            | 0.60                     | Completed<br>O & M in Progress                                                          |
| 33     | Ponnur          | Nidubrolu            | 1          | 1.25            | 1.25                     | Completed<br>O & M in Progress                                                          |
| 34     | Kavali          | Maddurupadu          | 1          | 1.50            | 1.50                     | Completed<br>O & M in Progress                                                          |
| 35     | Atamakuru       | Nellorepallem        | 1          | 1.00            | 1.00                     | Completed<br>O & M in Progress                                                          |
| 36     | Gudur           | Gandhi Nagar         | 1          | 3.70            | 3.70                     | Completed<br>O & M in Progress                                                          |
| 37     | Chilakaluripet  | Purushothapatnam     | 1          | 2.80            | 2.80                     | Completed<br>O & M in Progress                                                          |
| 38     | Kurnool         | Jaganadagattu        | 1          | 0.50            | -                        | -                                                                                       |
| 39     |                 |                      | 1          | 1.00            | -                        | -                                                                                       |
| 40     |                 |                      | 1          | 1.50            | -                        | -                                                                                       |
| 41     |                 |                      | 1          | 2.00            | -                        | -                                                                                       |
| 42     | Nandayal        | SRBC Colony          | 1          | 1.00            | -                        | -                                                                                       |
| 43     |                 |                      | 1          | 1.00            | -                        | -                                                                                       |
| 44     |                 | Nandamurinagar       | 1          | 1.00            | -                        | -                                                                                       |
| 45     |                 |                      | 1          | 1.00            | -                        | -                                                                                       |

| Sl. No | Name of the ULB | Name of the Location      | No.of STPs | Capacity in MLD | Qty sewage water treated | Percentage of Progress of work                                                 |
|--------|-----------------|---------------------------|------------|-----------------|--------------------------|--------------------------------------------------------------------------------|
| 46     | Adoni           | Sirriguppa Road           | 1          | 1.00            | -                        | -                                                                              |
| 47     |                 | Sirriguppa Road           | 1          | 1.00            | -                        | -                                                                              |
| 48     | Repalle         | Repalle II                | 1          | 0.60            |                          |                                                                                |
| 49     | Piduguralla     | Kondapodu II              | 1          | 1.30            | -                        | Completed & Trial run held up for want of housing working work not at taken up |
| 50     | Macharlla       | Gorrlamandhi - II         | 1          | 0.50            | -                        | Completed & Trial run held up for want of housing working work not at taken up |
| 51     | Nellore         | Akkacheruvupadu           | 1          | 1.60            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 52     |                 | Kallurpalli-II            | 1          | 1.10            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 53     |                 | Kondapudi II & III        | 1          | 1.20            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 54     | Naidupet- II    | Biradavada                | 1          | 0.90            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 55     | Sullerpet-II    | Mannarupoluru             | 1          | 0.80            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 56     | Venkatagiri-II  | Chevereddy Palli          | 1          | 0.80            | 0.80                     | Completed O & M in Progress                                                    |
| 57     | Srikalhsthi-I   | SW.Hostel                 | 1          | 0.90            | -                        |                                                                                |
| 58     | Srikalhsthi-II  | Rajiv Nagar -I            | 1          | 1.00            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 59     |                 | S.W Hostal - II           | 1          | 0.90            | -                        | Completed, Trilerun is heldup for want of sewage &Power Supply                 |
| 60     | Chittoor        | Murukum battu - II        | 1          | 1.30            | -                        | Completed & Trial run held up for want of Sewage                               |
| 61     | Puttur          | Nandimangalam - II        | 1          | 0.20            | -                        | Completed & Trial run held up for want of Sewage & Power supply                |
| 62     | Punganur        | Ethuru -II                | 1          | 0.70            | -                        | Completed & Trial run in progress                                              |
| 63     | Allagadda       | Chinthakuntla Village-III | 1          | 0.60            | -                        | Completed & Trail Run in progress                                              |
| 64     | Tadipatri I &II | Gannavaripalli - I&II     | 1          | 2.75            | -                        | Civil Work completed.Trial 55run is held up for want of sewage.                |

| Sl. No         | Name of the ULB | Name of the Location | No.of STPs | Capacity in MLD | Qty sewage water treated | Percentage of Progress of work           |
|----------------|-----------------|----------------------|------------|-----------------|--------------------------|------------------------------------------|
| 65             | Madanapalli     | Venkatappa Konda     | 1          | 0.90            | -                        | Completed & Trail Run in progress.       |
| 66             | Kandukur        | Uppucheruvu-I        | 1          | 1.40            | -                        |                                          |
| 67             | CRDA            | Ananthavaram         | 1          | 0.20            | 0.20                     | Completed O & M in Progress              |
| 68             |                 | Dondapadu            | 1          | 0.50            | 0.50                     |                                          |
| 69             |                 | Thulluru             | 1          | 0.20            | 0.20                     |                                          |
| 70             |                 | Mandadam             | 1          | 0.20            | 0.20                     |                                          |
| 71             |                 | Inavolu              | 1          | 0.30            | 0.30                     |                                          |
| 72             |                 | Nowluru              | 1          | 0.30            | 0.30                     |                                          |
| 73             |                 | Penumaka             | 1          | 0.30            | 0.30                     |                                          |
| 74             |                 | Nidamaruru           | 1          | 0.30            | 0.30                     |                                          |
| <b>41 ULBs</b> |                 |                      | <b>74</b>  | <b>77.95</b>    | <b>23.25</b>             | <b>22 STPs &amp; 14 ULBs Operational</b> |

### III (C) Details of STPs Under Construction in the State:

| S. No. | Location          | Scheme Name | No. of STP | Capacity of the plant (in MLD) | Physical Progress in % | Completion Timeline | Status                                                                                                                                               |
|--------|-------------------|-------------|------------|--------------------------------|------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Kakinada          | AMRUT       | 1          | 5.00                           | 75%                    | March - 2026        | The Govt vide G.O.Rt.No. 64 Dt:31-01-2025 has accorded closure permission. Technical sanction accorded for frevised estimates. Tender to be invited. |
| 2      | Srikakulam        | AMRUT       | 1          | 10.00                          | 45%                    | March - 2026        | The Govt vide G.O.Rt.No. 64 Dt:31-01-2025 has accorded closure permission. The Revised Estimates for the balance works are under preparation.        |
| 3      | Vizianagaram      | AMRUT       | 1          | 5.00                           | 54%                    | March - 2026        | Technical Sanction Acorded for revised estimate. Tender to be invited.                                                                               |
| 4      | Rajamahendravaram | AMRUT       | 1          | 5.00                           | 67%                    | Sep - 2025          | Civil Works 90% Completed.The elctro mechanical equipment work is in Progress.                                                                       |
|        |                   | NRCP        | 1          | 50.60                          | 53%                    | August- 2025        | Civil works are in Progress.                                                                                                                         |
| 5      | Bhimavaram        | AMRUT       | 1          | 5.00                           | 97%                    | July- 2025          | The Electro mechanical equipment work is in Progress.                                                                                                |
| 6      | Tadepalli gudem   | AMRUT       | 1          | 5.00                           | 38%                    | Dec - 2025          | -                                                                                                                                                    |
| 7      | Machilipatnam     | AMRUT       | 1          | 5.00                           | 48%                    | Dec- 2025           | The Revised Estimates for the balance works are under preparation.                                                                                   |
| 8      | Gudivada          | AMRUT       | 1          | 5.00                           | 94%                    | Jul-2025            | The Electro mechanical equipment work and pump sets erection works are in Progress.                                                                  |

| S. No. | Location       | Scheme Name         | No. of STP | Capacity of the plant (in MLD) | Physical Progress in % | Completion Timeline | Status                                                                                                                                         |
|--------|----------------|---------------------|------------|--------------------------------|------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 9      | Vijayawada     | JNNURM              | 1          | 20.00                          | 95%                    | August-2025         | Work cancelled and to be entrusted to new agency.                                                                                              |
| 10     | Tenali         | 14 <sup>th</sup> FC | 1          | 2.00                           | 30%                    | -                   | Work stopped due to court case.                                                                                                                |
| 11     | Chilakaluripet | AMRUT               | 1          | 5.00                           | 35%                    | -                   | The Govt vide G.O.Rt.No. 108 Dt:17-02-2025 has accorded closure permission. The Revised Estimates for the balance works are under preparation. |
| 12     | Kavali         | AMRUT               | 1          | 15.00                          | 96%                    | Dec - 2025          | Work is stoped by the agency due to non clearance of bills. & Notices issued to the agency.                                                    |
| 13     | Tirupati       | Smart City          | 1          | 25.00                          | 85%                    | Oct-2025            | The Work is Stopped by the Agency.                                                                                                             |
| 14     | Srikalahasti   | AMRUT               | 1          | 7.00                           | 55%                    | Sep-2025            | Civil Works are in Progress                                                                                                                    |
| 15     | Madanapalle    | AMRUT               | 1          | 5.00                           | 41%                    | Sep -2025           | The Work is resumed is in Progress.                                                                                                            |
| 16     | Kadapa         | AMRUT               | 1          | 20.00                          | 90%                    | Dec - 2025          | Erection of electro mechanical equipment work is in progress.                                                                                  |
| 17     | Anantapuramu   | AMRUT               | 1          | 10.00                          | -                      | March - 2026        | The Govt vide G.O.Rt.No. 64 Dt:31-01-2025 has accorded closure permission. Technical Sanction Accorded Tenders to be invited.                  |
| 18     | Dharmavaram    | AMRUT               | 2          | 8.00                           | -                      | March - 2026        | The Govt vide G.O.Rt.No. 64 Dt:31-01-2025 has accorded closure permission. Technical Sanction Accorded Tenders to be invited.                  |

| S. No. | Location    | Scheme Name | No. of STP | Capacity of the plant (in MLD) | Physical Progress in % | Completion Timeline | Status                                                                                                                                                           |
|--------|-------------|-------------|------------|--------------------------------|------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19     | Guntakal    | AMRUT       | 1          | 8.00                           | 15%                    | Dec-2025            | The Work is Stopped by the Agency.                                                                                                                               |
| 20     | Kurnool     | AMRUT       | 1          | 10.00                          | 39%                    | Dec -2025           | Civil work is in Progress.                                                                                                                                       |
|        |             | AMRUT 2.0   | 3          | 35.60                          | -                      | March - 26          | Survey Work Completed, Designs are under sceutiny.                                                                                                               |
| 21     | Nandyal     | AMRUT       | 1          | 10.00                          | 72%                    | Dec -2025           | The civil works & Erection of mechanical works are in progress.                                                                                                  |
| 22     | Adoni       | AMRUT       | 1          | 5.00                           | 41%                    | Dec -2025           | The Civil work is in Progress                                                                                                                                    |
| 23     | Guntur      | OTSFA       | 1          | 10.00                          | 70%                    | March-2026          | The Govt vide memo No 11376/UBS/ 2015 Dt:14-02-2023 has accorded permission for revoke the safe closure and continuation of the project with full scope of work. |
|        |             |             | 1          | 20.00                          | 60%                    |                     |                                                                                                                                                                  |
|        |             |             | 1          | 42.00                          | 60%                    |                     |                                                                                                                                                                  |
|        |             |             | 1          | 28.00                          | 51%                    |                     |                                                                                                                                                                  |
|        |             |             | 1          | 23.00                          | 0%                     |                     |                                                                                                                                                                  |
| 24     | Pulivendula | PLAN        | 1          | 1.50                           | 97%                    | July-2025           | 100% civil works are completed and 97% of Electro mechanical work Completed                                                                                      |
|        |             |             | 1          | 1.50                           | 82%                    | July-2025           | 90% of civil works completed and mechanical work will be taken up.                                                                                               |
|        |             |             | 5          | 2.50 (0.50 MLD x 5 Nos)        | 90%                    | July-2025           | In Progress                                                                                                                                                      |
|        |             |             | 1          | 0.02                           | 60%                    | July-2025           | These 4 STPs are being executed through Compact Unit STPs & 60% work completed.                                                                                  |
|        |             |             | 1          | 0.07                           |                        |                     |                                                                                                                                                                  |
|        |             |             | 1          | 0.08                           |                        |                     |                                                                                                                                                                  |
|        |             |             | 1          | 0.10                           |                        |                     |                                                                                                                                                                  |

| S. No. | Location           | Scheme Name | No. of STP | Capacity of the plant (in MLD) | Physical Progress in % | Completion Timeline | Status                                                                                          |
|--------|--------------------|-------------|------------|--------------------------------|------------------------|---------------------|-------------------------------------------------------------------------------------------------|
| 25     | Rayachoti          | PLAN        | 3          | 6.35                           | 5%                     | March-2026          | Land alienation is in progress.                                                                 |
|        |                    |             | 2          | 0.55                           | -                      |                     | Drawings to be submitted for approval.                                                          |
|        |                    |             | 1          | 15.50                          | 2%                     |                     | Designs & Drawings to be submitted for approval. Land acquisition under process.                |
| 26     | Kanigiri           | AIIB        | 1          | 6.00                           | 2%                     | December-2025       | New site is identified & handing over of site is under process.                                 |
| 27     | Sullurpet          | AIIB        | 3          | 8.00                           | 4%                     | December-2025       | Sites handed over, Designs under finalization.                                                  |
| 28     | Allagadda          | AIIB        | 1          | 5.00                           | 2%                     | March-2026          | Site handed over, Designs under finalization. Project Monitoring Committee is to Clear designs. |
| 29     | Nandikotkur        | AIIB        | 1          | 5.00                           | 0%                     | March-2026          | Work to be Grounded                                                                             |
| 30     | Madakasira         | AIIB        | 1          | 5.00                           | 2%                     | March-2026          | Sites handed over, Designs under finalization PMC to Clear designs.                             |
| 31     | Proddutur          | PLAN        | 1          | 24.00                          | -                      | March-2026          | Work to be Grounded                                                                             |
|        | <b>Grand Total</b> |             | <b>57</b>  | <b>485.37</b>                  |                        |                     |                                                                                                 |

### III (D) Details of STPs Under Construction in APTIDCO Housing Colonies:

| Sl.No | Name of the ULB | Name of the Location   | No of STPs | Capacity in MLD | Physical Progress | Completion timeline | Status                                                                                                                |
|-------|-----------------|------------------------|------------|-----------------|-------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1     | 2               | 3                      | 4          | 5               | 6                 | 7                   | 8                                                                                                                     |
| 1     | Amalapuram      | Bodasukurru            | 1          | 1.00            | 90.00%            | Dec-25              | Civil Works 90% completed finishing works are in progress                                                             |
| 2     | Nellimarla      | Nellimarla             | 1          | 0.30            | 90.00%            | Dec-25              | STP Structure completed except collection well. Media Filling to be done.                                             |
| 3     | Rajam           | Kancharam              | 1          | 0.20            | 90.00%            | Dec-25              | Civil work completed except lifting chamber, Media Filling to be done                                                 |
| 4     | Amadalavalasa   | Byrsastrullapet        | 1          | 0.30            | 90.00%            | Dec-25              | Civil work completed and erection of mechanical equipment to be done, Media Filling to be done                        |
| 5     | Bobbili         | Bobbili                | 1          | 0.80            | 80.00%            | Dec-25              | STP Structure completed except collection well. Media Filling to be done                                              |
| 6     | Parvathipuram   | Parvathipuram          | 1          | 0.40            | 85.00%            | Dec-25              | STP Structure completed. Media Filling to be done                                                                     |
| 7     | Nandyal         | Alyyalurimitta         | 1          | 1.00            | 75.00%            | Dec-25              | Structure work Completed                                                                                              |
| 8     | Kadapa          | Chinnachowk -I         | 1          | 1.00            | 75.00%            | Dec-25              | SBT-1 & 2 Walls, raw sewage tank walls & slab, Panel room, PTU & Drying beds completed and remaining work in progress |
| 9     | Kadapa          | Chalama reddypalli -II | 1          | 1.00            | 75.00%            | Dec-25              | SBT-1 & 2 Walls, raw sewage tank walls & slab completed and remaining work in progress                                |
| 10    | Jammalamadugu   | Gudemcheruvu -II       | 1          | 1.00            | 73.00%            | Dec-25              |                                                                                                                       |
| 11    | Rayachoti       | Sibyala -II            | 1          | 0.50            | 68.00%            | Dec-25              |                                                                                                                       |
| 12    | Yerraguntla     | Yerraguntla road -II   | 1          | 1.00            | 75.00%            | Dec-25              |                                                                                                                       |

| Sl.No | Name of the ULB  | Name of the Location   | No of STPs | Capacity in MLD | Physical Progress | Completion timeline | Status                                                                                                                 |
|-------|------------------|------------------------|------------|-----------------|-------------------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 13    | Kakinada         | Paralovapeta           | 1          | 1.50            | 75.00%            | Dec-25              | Remaining work in progress.                                                                                            |
| 14    | Rajahmundry      | Bommuru-II             | 1          | 1.50            | 70.00%            | Dec-25              | Remaining work in progress.                                                                                            |
| 15    |                  | Namavaram              | 1          | 0.75            | 72.00%            | Dec-25              | Remaining work in progress.                                                                                            |
| 16    | Ramachandrapuram | KothuruIII             | 1          | 1.00            | 72.00%            | Dec-25              | Remaining work in progress.                                                                                            |
| 17    | Tadipatri I & II | Gannavaripalli -I&II   | 1          | 2.75            | 95.00%            | Dec-25              | Work completed.Trial run is held up for want of sewage.                                                                |
| 18    | Dharmavararam    | Regatipalli-II         | 1          | 0.75            | 72.00%            | Dec-25              | Civil structural work completed.Media filling is to be done.Machinery to be fixed and is held up for security purpose. |
| 19    | Hindupur         | Kotipi-II              | 1          | 0.70            | 72.00%            | Dec-25              |                                                                                                                        |
| 20    | Kadiri           | Hindupur road-II       | 1          | 0.60            | 74.00%            | Dec-25              |                                                                                                                        |
| 21    | Pamidi           | VKA Reddy colony-II    | 1          | 0.70            | 67.00%            | Dec-25              |                                                                                                                        |
| 22    | Puttaparthi      | Karnataka nagepalli-II | 1          | 0.25            | 60.00%            | Dec-25              |                                                                                                                        |
| 23    | Ananthapur       | Pandameru-3            | 1          | 1.25            | 70.00%            | Dec-25              |                                                                                                                        |
| 24    | Guntakal         | Dhonimukkal-3          | 1          | 1.25            | 67.00%            | Dec-25              |                                                                                                                        |
| 25    | Raydurgam        | Mallapuram-3           | 1          | 0.60            | 67.00%            | Dec-25              |                                                                                                                        |
| 26    | GVMC             | Sirasapalli            | 1          | 0.30            | 80.00%            | Dec-25              | Filter media filling is in progress                                                                                    |
| 27    | GVMC             | Atchaulova-1           | 1          | 1.00            | 60.00%            | Dec-25              | Civil work in progress                                                                                                 |
| 28    | GVMC             | Atchaulova-2           | 1          | 1.00            | 60.00%            | Dec-25              | Civil work in progress                                                                                                 |

| Sl.No | Name of the ULB | Name of the Location    | No of STPs | Capacity in MLD | Physical Progress | Completion time line | Status                                                                                    |
|-------|-----------------|-------------------------|------------|-----------------|-------------------|----------------------|-------------------------------------------------------------------------------------------|
| 29    | Narsipatnam     | Narsipatnam-1           | 1          | 0.60            | 60.00%            | Dec-25               | Civil work in progress                                                                    |
| 30    |                 | Narsipatnam-2           | 1          | 0.30            | 60.00%            | Dec-25               | Civil work in progress                                                                    |
| 31    | Markapur        | Pedanagulavaram Road -I | 1          | 0.50            | 39.00%            | Dec-25               | Electro & Mechanical items are supplied .Civil work is in progress                        |
| 32    | Ichapuram       | Ichapuram               | 1          | 0.10            | 25.00%            | Dec-25               | work is under progress.                                                                   |
| 33    | Palasa          | Palasa                  | 1          | 0.40            | 65.00%            | Dec-25               | further work is under progress.                                                           |
| 34    | GVMC            | Appikonda               | 1          | 0.40            | 65.00%            | Dec-25               | further work is under progress.                                                           |
| 35    | GVMC            | Mulagada                | 1          | 0.20            | 80.00%            | Dec-25               | Civil work completed & power supply to be given                                           |
| 36    | GVMC            | Nadipur                 | 1          | 0.50            | 65.00%            | Dec-25               | Civil work at completion stage                                                            |
| 37    | GVMC            | Sangivalasa             | 1          | 0.30            | 32.00%            | Dec-25               | Raft completed                                                                            |
| 38    | GVMC            | Kondakoppa ka           | 1          | 0.20            | 55.00%            | Dec-25               | Secondary unit completed, walk way in progress. Primary unit first lift wall in progress. |
| 39    | Vinukonda       | Vellaturu road II       | 1          | 0.70            | 42.00%            | Dec-25               | PCC Work completed work in progress                                                       |
| 40    | Kanigiri        | Chakirala - III         | 1          | 0.50            | 45.00%            | Dec-25               | PCC Work completed work in progress                                                       |
| 41    | Giddalur        | Modempalli -III         | 1          | 0.60            | 41.00%            | Dec-25               | PCC Work completed work in progress                                                       |
| 42    | Addanki         | Singara konda -III      | 1          | 0.50            | 45.00%            | Dec-25               | PCC Work completed work in progress                                                       |
| 43    | Tanuku          | Indiramma Colony        | 1          | 0.20            | 10.00%            | Dec-25               | Remaining work in Progress                                                                |

| Sl.No       | Name of the ULB  | Name of the Location   | No of STPs | Capacity in MLD | Physical Progress | Completion time line | Status                              |
|-------------|------------------|------------------------|------------|-----------------|-------------------|----------------------|-------------------------------------|
| 44          |                  | BalaBalaji             | 1          | 0.30            | 10.00%            | Dec-25               |                                     |
| 45          | Jangareddy gudem | Markandeya puram -II   | 1          | 0.40            | 30.00%            | Dec-25               |                                     |
| 46          | Nidadavolu       | Tirugudem - II         | 1          | 0.50            | 20.00%            | Dec-25               |                                     |
| 47          | Kovvuru          | Pedathalla punta -II   | 1          | 0.30            | 10.00%            | Dec-25               |                                     |
| 48          | Eluru            | Ponangi road           | 1          | 2.50            | 30.00%            | Dec-25               |                                     |
| 49          | Eluru            | Kotturu road           | 1          | 0.20            | 30.00%            | Dec-25               |                                     |
| 50          | Nuziveedu        | M.R. Apparao colony II | 1          | 1.30            | 20.00%            | Dec-25               | Raft completed and work in progress |
| 51          | Tiruvuru         | PT Kotturu I           | 1          | 0.40            | 10.00%            | Dec-25               | PCC Work completed work in progress |
| 52          |                  | PT Kotturu II          | 1          | 0.40            | 10.00%            | Dec-25               | PCC Work completed work in progress |
| 53          | Jaggaihpeta      | Gurukula pathasala II  | 1          | 1.60            | 20.00%            | Dec-25               | Raft completed and work in progress |
| 54          | Nandigama        | Hanumanthupalem II     | 1          | 0.20            | 10.00%            | Dec-25               | PCC Work completed work in progress |
| 55          | Vuyyuru          | Gemini School -II      | 1          | 0.90            | 15.00%            | Dec-25               | Raft completed and work in progress |
| 56          | Vuyyuru          | Gandigunta - II        | 1          | 0.30            | 15.00%            | Dec-25               | PCC Work completed work in progress |
| 57          | Vuyyuru          | Raghava Estates -II    | 1          | 0.10            | 15.00%            | Dec-25               | Raft completed and work in progress |
| <b>ULBs</b> | <b>41</b>        |                        | <b>57</b>  | <b>39.80</b>    |                   |                      |                                     |

### **III (E) STATUS OF RIVER STRETCHES**

- Central Pollution Control Board has newly identified 3 Nos., Polluted River Stretches i.e., Gosthani, Upputeru & Vasishta in Andhra Pradesh and also delisted 5 Polluted River Stretches, previously listed out.
- It is submitted that the River stretches of Gosthani & Upputeru reported by Central Pollution Control Board are within Rural areas. The BOD Level of Gosthani River stretch reported by CPCB is 8.6 and as per the Report of the A.P Pollution Control Board for June 2025 , the BOD level of the said River stretch is 3.8 which is above the admissible level of 3.0 (Priority Class-V).
- The BOD level of the Upputeru River stretch reported by CPCB is 3.4. As per the APPCB report for June 2025, the BOD level reported is 2.5 which is below the admissible level of 3.0 (Priority Class-V).
- Regarding the Vashista River, it is submitted that the Stretches (Locations) are Upstream of Narsapuram Town before the confluence of town sewage (Code 4365) and Down Stream of Narsapuram Town after a confluence of town sewage (Code 4366). In both the said two locations, the BOD levels observed by the Central Pollution Control Board before the confluence of the Town Sewage at Upstream of the River stretch is 2.0, which is above the admissible level and after confluence of the Town Sewage at Downstream of the River stretch is 58, which is above admissible level.

As per the Report given by the AP Pollution Control Board, Vijayawada for June 2025, the BOD Level taken at the two identified Stretches of River Vashista for the i.e., Upstream and Downstream are 2.0 and 2.2 respectively (Codes:4365 & 4366), which are within the admissible levels prescribed i.e., 3.0.

However, it is further submitted that one STP is taken up with a capacity of 8.00 MLD with an estimated cost of Rs.14.60 Crs under SBM 2.0 in Narspuraram Municipality and Land Acquisition is under process.

### III (F) Status of STPs & NSTPs in the ULBs with below 1 Lakh Population:

**State Level Technical Committee and State High Power Committee have approved the construction of STPs in ULBs with below 1 lakh population:**

- ULBs with above 1 Lakh Population : 32 ULBs
- ULBs with Below 1 Lakh Population - 91 ULBs (76 ULBs already existing &, 15 ULBs are newly constituted).
- GOI Sanctioned STPs in 76 ULBs with 692.12 MLD with Project Cost of Rs. 1372.68 Cr., in which 2 newley sanctioned ULBs with 33.12 MLD (Mangalagiri & Tadepalli) will be takeup after completion of detailed engineering.
- In 74 ULBs, 8 ULBs are excluded, as the STPs of 90 MLD capacities are being constructed with AIIB funds in Sullurpet, Nandikotkur, Allagadda, Madakasira and Kanigiri and State Special Grant in Pulivendula and Rayachoti. Puttaparthi is having 3 existing STPs.
- In 66 ULBs with a capacity of 569.00 MLD.
- As per G.O.Rt. No. 227, it is proposed to process land acquisition for both government & Private land in 48 ULBs under Phase – I.
- These were formed into 13 clusters with 267.71 MLD & Tender process completed.
- Govt. land is available in 28 ULBs covering 131.37 MLD, Cluster-1 to Cluster-8 works and private lands are available in 21 ULBs covering 136.34 MLD. Cluster-9 to Cluster-13, these works are under tender stage to be placed before Tender Approval Committee.

#### **Cluster-Wise Abstract on STPs Under Construction under SBM.2.0:**

| Cluster    | S. No. | Name of the ULB | Total No. of Projects (STP+NSTP) | Proposed Capacity (MLD) | Completion Time line | Present work status                      |
|------------|--------|-----------------|----------------------------------|-------------------------|----------------------|------------------------------------------|
| Cluster 01 | 1      | Amadalavalasa   | NSTP 02                          | 0.14                    | June - 2026          | Fabrication work for NSTP is in Progress |
|            |        | Amadalavalasa   | NSTP 05                          | 0.18                    | June- 2026           |                                          |
|            |        | Amadalavalasa   | NSTP 06                          | 0.19                    | June- 2026           |                                          |
|            |        | Amadalavalasa   | NSTP 07                          | 0.10                    | June- 2026           |                                          |
|            |        | Amadalavalasa   | NSTP 08                          | 0.28                    | Oct - 2026           | Land Acquisition Process Strated.        |
|            | 2      | Ichapuram       | NSTP 01                          | 0.78                    | June- 2026           |                                          |

| Cluster   | S. No. | Name of the ULB  | Total No. of Projects (STP+NSTP) | Proposed Capacity (MLD) | Completion Time line | Present work status                             |
|-----------|--------|------------------|----------------------------------|-------------------------|----------------------|-------------------------------------------------|
|           |        | Ichapuram        | NSTP 02                          | 0.37                    | June- 2026           | Work Not Strated yet.                           |
|           | 3      | PalasaKasibugga  | NSTP 03                          | 0.01                    | Oct- 2026            | Land issue                                      |
|           | 4      | Bobbili          | STP 01                           | 3.50                    | Oct- 2026            | Land issue                                      |
|           |        | Bobbili          | NSTP 01                          | 0.15                    | June- 2026           | Land issue                                      |
|           |        | Bobbili          | NSTP 02                          | 0.16                    | June- 2026           | Land issue                                      |
|           |        | Bobbili          | NSTP 04                          | 0.20                    | Dec- 2025            | Civil works completed 75% Work completed        |
|           |        | Bobbili          | NSTP 05                          | 0.07                    | June - 2026          | Work is yet to Commence                         |
|           |        | Bobbili          | NSTP 06                          | 0.07                    | June - 2026          | Work is yet to Commence                         |
|           | 5      | Narsipatnam      | NSTP 02                          | 0.24                    | June - 2026          | Site handedovered but work not commissioned yet |
|           | 6      | Yellamanchali    | NSTP 01                          | 0.40                    | June - 2026          |                                                 |
|           |        | Yellamanchali    | NSTP 02                          | 0.50                    | June - 2026          | Site handedovered but work not commissioned yet |
|           |        | Yellamanchali    | NSTP 05                          | 0.11                    | June - 2026          | Site handedovered but work not commissioned yet |
|           |        | Yellamanchali    | NSTP 11                          | 0.14                    | June - 2026          |                                                 |
|           |        | <b>Sub Total</b> | <b>STPs-1, NSTPs-18</b>          | <b>7.59</b>             |                      |                                                 |
| Cluster 3 | 7      | Tiruvuru         | NSTP 03                          | 0.24                    | Oct - 2026           | Land Issue                                      |
|           | 8      | Piduguralla      | STP 01                           | 5.90                    | Dec - 2025           | 50% Work Completed                              |
|           |        | Piduguralla      | STP 02                           | 5.20                    | Jan - 2026           | 50% Work Completed                              |
|           | 9      | Vinukonda        | STP 01                           | 5.70                    | June - 2026          | Reinforment work in progress                    |
|           |        | Vinukonda        | STP 02                           | 5.50                    | June - 2026          |                                                 |
|           |        | <b>Sub Total</b> | <b>STPs-4, NSTPs-1</b>           | <b>22.54</b>            |                      |                                                 |

| Cluster   | S. No. | Name of the ULB  | Total No. of Projects (STP+NSTP) | Proposed Capacity (MLD) | Completion Time line | Present work status                                                                           |
|-----------|--------|------------------|----------------------------------|-------------------------|----------------------|-----------------------------------------------------------------------------------------------|
| Cluster 4 | 10     | Giddalur         | STP 01                           | 6.10                    | June - 2026          | PCC Work in Progress.                                                                         |
|           | 11     | Bapatla          | STP 01                           | 3.00                    | June - 2025          | 50% work completed                                                                            |
|           | 12     | Chirala          | STP 02                           | 5.00                    | Oct - 2026           | Land issues                                                                                   |
|           |        | <b>Sub Total</b> | <b>STPs-3</b>                    | <b>14.10</b>            |                      |                                                                                               |
| Cluster 5 | 13     | Atmakur(K)       | NSTP 01                          | 0.59                    | June - 2026          | Work Started. Excavation and PCC in progress.                                                 |
|           |        | Atmakur          | NSTP 02                          | 0.18                    | Dec - 2025           | SBR Basins - 3 lifts, collection tank, admin room, blower room, office rooms are in progress. |
|           |        | Atmakur          | NSTP 03                          | 0.25                    | Dec - 2025           |                                                                                               |
|           | 14     | Jammalamadugu    | STP 01                           | 7.43                    | Dec - 2025           | SBR Basins - 3 lifts, collection tank, admin room, blower room, office rooms are in progress. |
|           |        | <b>Sub Total</b> | <b>STP-1, NSTPs-3</b>            | <b>8.45</b>             |                      |                                                                                               |
| Cluster 6 | 15     | Badvel           | NSTP 01                          | 0.24                    | June -2026           | 1.Soil test completed<br>2. Yet to submit the designs to the department                       |
|           |        | Badvel           | NSTP 02                          | 0.65                    | June -2026           |                                                                                               |
|           |        | Badvel           | NSTP 03                          | 0.45                    | June -2026           |                                                                                               |
|           | 16     | Mydukur          | STP 01                           | 8.10                    | June -2026           | 1.Soil test completed<br>2. Designs Approved.<br>3.Approch Road is Under Issue.               |
|           | 17     | Kandukur         | STP 01                           | 9.60                    | June -2026           | 40% Work Completed.<br>SBR Bassion PCC Completed, CC Tank and raft work Completed.            |

| Cluster           | S. No. | Name of the ULB      | Total No. of Projects (STP+NSTP) | Proposed Capacity (MLD) | Completion Time line | Present work status                                                                                                              |
|-------------------|--------|----------------------|----------------------------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                   | 18     | Atmakur              | NSTP 03                          | 0.19                    | June -2026           | 1.Soil test completed<br>2. Yet to submit the designs to the department                                                          |
|                   |        | <b>Sub Total</b>     | <b>STPs-2, NSTPs-4</b>           | <b>19.23</b>            |                      |                                                                                                                                  |
| Cluster 7         | 19     | Gooty                | STP 01                           | 3.60                    | June - 2026          | PCC work completed<br>10% work Completed                                                                                         |
|                   |        | Gooty                | STP 02                           | 4.40                    | Oct- 2026            | Land Issue.                                                                                                                      |
|                   | 20     | Kadiri               | STP 01                           | 14.90                   | June - 2026          | Raft Footing Completed wall concrete is in progress.                                                                             |
|                   |        | <b>Sub Total</b>     | <b>STPs-3</b>                    | <b>22.90</b>            |                      |                                                                                                                                  |
| Cluster 8         | 21     | Gudur                | NSTP 01                          | 0.11                    | Oct - 2026           | Land issue                                                                                                                       |
|                   | 22     | Venkatagiri          | STP 01                           | 9.58                    | June – 2026          | SBR Basin walk way in progress<br>Admin room blower room and office room civil works completed<br>Wet well raft work in progress |
|                   | 23     | Naidupet             | STP 01                           | 7.90                    | Dec - 2025           | 50 % work completed                                                                                                              |
|                   |        |                      | NSTP 01                          | 0.79                    | Oct – 2026           | Yet to be started                                                                                                                |
|                   | 24     | Punganur             | NSTP 02                          | 0.16                    | Oct – 2026           | Land identified. Work to be started.                                                                                             |
|                   |        | <b>Sub Total</b>     | <b>STPs-2, NSTPs-3</b>           | <b>18.54</b>            |                      |                                                                                                                                  |
| <b>Sub Totals</b> |        | <b>45 STPs/NSTPs</b> | <b>STPs-16, NSTPs-29</b>         | <b>113.35</b>           |                      |                                                                                                                                  |

- To acquire Land for establishment of STPs in 54 ULBs, Government has issued G.O.Rt. No. 493 and accorded Administrative Sanction of Rs. 267.409 crs.
- Wherever Tenders are cancelled, Retenders has to be called.

### III (G) Details of STPs under AMRUT 2.0

| S.No | Name of ULB     | No of STPs | STP capacity in MLD |
|------|-----------------|------------|---------------------|
| 1    | 2               | 3          | 4                   |
| 1    | Srikakulam      | 1          | 5.00                |
| 2    | GVMC            | 1          | 5.00                |
| 3    | Kakinada        | 1          | 22.00               |
| 4    | Bhimavaram      | 1          | 0.00                |
| 5    | Tadepalligudem  | 2          | 6.40                |
| 6    | Eluru           | 2          | 15.00               |
| 7    | Gudivada        | 2          | 6.00                |
| 8    | Machilipatnam   | 2          | 10.00               |
| 9    | Tenali          | 1          | 9.00                |
| 10   | Chilakaluripeta | 1          | 10.00               |
| 11   | Ongole          | 2          | 15.00               |
| 12   | Ananthapuram    | 1          | 25.00               |
| 13   | Srikalahasthi   | 2          | 1.50                |
| 14   | Hindupuram      | 1          | 23.00               |
| 15   | Chittoor        | 3          | 1.20                |
| 16   | Adoni           | 2          | 25.5                |
| 17   | Nandyala        | 3          | 32                  |
| 18   | Kadapa          | 1          | 15.00               |
|      | <b>TOTAL</b>    | <b>29</b>  | <b>226.60</b>       |

### **III (H) Details of STPs Under SBM 2.0**

- To acquire land for establishment of STPs in 54 ULBs, Government has issued G.O.Rt.No.493 and accorded Administrative Sanction of Rs.267.409 crs.
- Wherever Tenders are cancelled, Retenders has to be called.

Government have issued instructions to Municipal Commissioners to identify suitable lands required for construction of STPs & NSTPs. To speed up the Land Acquisition, necessary orders are also issued to the District Collectors to acquire the private land thro' Voluntary Acquisition (Sale) of Land Scheme/Programme.

It is proposed to construct 205 Nos. Sewage Treatment Plants in 72 Non-AMRUT ULBs Under SBM 2.0. Out of the said 205 STPs, Govt. land Ac.56.50 cents for 58 STPs is available in 27 ULBs and Land Alienation is in the process and Advance Possession of Land is also taken. Land Alienation process is in progress in 5 ULBs (6 STPs) for acquiring Government land of Ac 7.25 cents.

With respect to Land Acquisition of Private Land for construction of 141 STPs, it is submitted that vide G.O.Rt.No.492 MA&UD Dept., dated 16.07.2024 have accorded administrative sanction for Rs.50.00 Crs for construction of STPs in Phase-I and also accorded Administrative Sanction for Rs.267.40 Crs for the balance amount required for construction of STPs by acquiring Private land vide G.O.Rt.No.493, dated 16.07.2024 of MA & UD Department. The land acquisition process is completed for acquiring Ac 25.73 cents for construction 10 STPs in 8 ULBs. In remaining 52 ULBs, the land acquisition for acquiring private lands is in progress.

### III (I) Details of STPs/NSTPs to be Tendered under SBM 2.0.

| S. No.                             | Name of the ULB  | Proposed Capacity for 2040 (In MLD) | No. of Plants |          |
|------------------------------------|------------------|-------------------------------------|---------------|----------|
|                                    |                  |                                     | STPs          | NSTPs    |
| 1                                  | 2                | 3                                   | 4             | 5        |
| 1                                  | Amadalavalasa    | 6.370                               | 4             | 6        |
| 2                                  | Ichapuram        | 4.551                               | 1             | 1        |
| 3                                  | Palasa Kasibugga | 10.730                              | 1             | 0        |
| <b>Sub-Total for Srikakulam</b>    |                  | <b>21.65</b>                        | <b>6</b>      | <b>7</b> |
| 4                                  | Rajam            | 4.00                                | 4             | 7        |
| 5                                  | Bobbili          | 8.70                                | 2             | 2        |
| 6                                  | Nellimarla       | 5.00                                | 1             | 0        |
| <b>Sub-Total for Vizianagaram</b>  |                  | <b>17.70</b>                        | <b>7</b>      | <b>9</b> |
| 7                                  | Palakonda        | 5.243                               | 1             | 0        |
| 8                                  | Parvathipuram    | 8.393                               | 4             | 7        |
| 9                                  | Salur            | 6.933                               | 1             | 0        |
| <b>Sub-Total for Manyam</b>        |                  | <b>20.57</b>                        | <b>6</b>      | <b>7</b> |
| 10                                 | Narsipatnam      | 10.48                               | 2             | 3        |
| 11                                 | Yellamanchali    | 5.38                                | 2             | 6        |
| <b>Sub-Total for Anakapalli</b>    |                  | <b>15.86</b>                        | <b>4</b>      | <b>9</b> |
| 12                                 | Tuni             | 8.32                                | 1             | 0        |
| 13                                 | Samalkot         | 8.31                                | 1             | 0        |
| 14                                 | Pithapuram       | 7.72                                | 8             | 0        |
| 15                                 | Peddapuram       | 7.38                                | 1             | 1        |
| 16                                 | Gollaprolu       | 3.31                                | 1             | 0        |
| 17                                 | Yeleswaram       | 4.64                                | 1             | 0        |
| <b>Sub-Total for Kakinada</b>      |                  | <b>39.67</b>                        | <b>13</b>     | <b>1</b> |
| 18                                 | Nidadavole       | 5.86                                | 2             | 0        |
| 19                                 | Kovvur           | 5.36                                | 2             | 0        |
| <b>Sub-Total for East Godavari</b> |                  | <b>11.22</b>                        | <b>4</b>      | <b>0</b> |
| 20                                 | Mumidivaram      | 3.70                                | 1             | 0        |
| 21                                 | Amalapuram       | 7.58                                | 1             | 2        |
| 22                                 | Mandapeta        | 8.82                                | 2             | 0        |
| 23                                 | Ramachandrapuram | 6.46                                | 1             | 0        |
| <b>Sub-Total for Konaseema</b>     |                  | <b>26.56</b>                        | <b>5</b>      | <b>2</b> |
| 24                                 | Palacole         | 8.48                                | 2             | 0        |
| 25                                 | Narsapur         | 7.47                                | 2             | 0        |

| S. No.                             | Name of the ULB  | Proposed Capacity for 2040 (In MLD) | No. of Plants |          |
|------------------------------------|------------------|-------------------------------------|---------------|----------|
|                                    |                  |                                     | STPs          | NSTPs    |
| 26                                 | Tanuku           | 10.42                               | 1             | 2        |
| <b>Sub-Total for West Godavari</b> |                  | <b>26.37</b>                        | <b>5</b>      | <b>2</b> |
| 27                                 | Jangareddy Gudem | 11.62                               | 2             | 0        |
| 28                                 | Nuzivid          | 10.59                               | 2             | 1        |
| <b>Sub-Total for Eluru</b>         |                  | <b>22.21</b>                        | <b>4</b>      | <b>3</b> |
| 29                                 | Pedana           | 4.20                                | 1             | 1        |
| 30                                 | Vuyyuru          | 7.20                                | 2             | 0        |
| <b>Sub-Total for Krishna</b>       |                  | <b>11.39</b>                        | <b>3</b>      | <b>4</b> |
| 31                                 | Nandigama        | 8.41                                | 1             | 1        |
| 32                                 | Jaggiahpeta      | 12.02                               | 2             | 0        |
| 33                                 | Tiruvuru         | 8.50                                | 2             | 0        |
| <b>Sub-Total for NTR</b>           |                  | <b>28.92</b>                        | <b>5</b>      | <b>1</b> |
| 34                                 | Ponnur           | 8.09                                | 1             | 2        |
| <b>Sub-Total for Guntur</b>        |                  | <b>8.09</b>                         | <b>1</b>      | <b>2</b> |
| 35                                 | Macherla         | 10.21                               | 2             | 0        |
| 36                                 | Sattenapalli     | 6.36                                | 1             | 1        |
| 37                                 | Vinukonda        | 1.67                                | 0             | 0        |
| 38                                 | Piduguralla      | 4.04                                | 0             | 2        |
| <b>Sub-Total for Palnadu</b>       |                  | <b>22.28</b>                        | <b>3</b>      | <b>3</b> |
| 39                                 | Repalle          | 4.90                                | 1             | 2        |
| 40                                 | Bapatla          | 6.81                                | 0             | 1        |
| 41                                 | Chirala          | 6.46                                | 0             | 1        |
| 42                                 | Adanki           | 12.14                               | 2             | 0        |
| <b>Sub-Total for Bapatla</b>       |                  | <b>30.31</b>                        | <b>3</b>      | <b>4</b> |
| 43                                 | Markapur         | 9.30                                | 1             | 1        |
| 44                                 | Giddalur         | 0.13                                | 0             | 0        |
| 45                                 | Chimakurthy      | 5.06                                | 1             | 0        |
| <b>Sub-Total for Prakasam</b>      |                  | <b>14.49</b>                        | <b>2</b>      | <b>1</b> |
| 46                                 | Kandukur         | 0.56                                | 0             | 1        |
| 47                                 | Atmakur          | 3.27                                | 1             | 0        |
| <b>Sub-Total for SPS Nellore</b>   |                  | <b>3.83</b>                         | <b>1</b>      | <b>1</b> |
| 48                                 | Gudur            | 14.69                               | 2             | 0        |
| 49                                 | Venkatagiri      | 0.00                                | 0             | 2        |
| 50                                 | Naidupet         | 1.30                                | 0             | 0        |
| <b>Sub-Total for Sri Balaji</b>    |                  | <b>15.99</b>                        | <b>2</b>      | <b>2</b> |

| S. No.                             | Name of the ULB    | Proposed Capacity for 2040 (In MLD) | No. of Plants |           |
|------------------------------------|--------------------|-------------------------------------|---------------|-----------|
|                                    |                    |                                     | STPs          | NSTPs     |
| 51                                 | Punganur           | 11.18                               | 2             | 1         |
| 52                                 | Palamaneru         | 8.60                                | 1             | 2         |
| 53                                 | Nagari             | 10.46                               | 2             | 0         |
| 54                                 | Puttur             | 9.09                                | 2             | 1         |
| <b>Sub-Total for Chittoor</b>      |                    | <b>39.33</b>                        | <b>7</b>      | <b>4</b>  |
| 55                                 | Rajampeta          | 12.98                               | 1             | 2         |
| <b>Sub-Total for Annamayya</b>     |                    | <b>12.98</b>                        | <b>1</b>      | <b>2</b>  |
| 56                                 | Jammalamadugu      | 0.23                                | 0             | 1         |
| 57                                 | Badvel             | 13.44                               | 1             | 0         |
| 58                                 | Mydukur            | 0.46                                | 0             | 0         |
| 59                                 | Yerraguntla        | 6.20                                | 2             | 2         |
|                                    |                    | <b>20.33</b>                        | <b>3</b>      | <b>3</b>  |
| 61                                 | Kadiri             | 1.17                                | 0             | 0         |
| <b>Sub-Total for Sri Satya Sai</b> |                    | <b>1.17</b>                         | <b>0</b>      | <b>0</b>  |
| 62                                 | Gooty              | 0.16                                | 0             | 0         |
| 63                                 | Kalyandurgam       | 9.35                                | 1             | 1         |
| 64                                 | Rayadurg           | 10.26                               | 1             | 0         |
| <b>Sub-Total for Ananthapur</b>    |                    | <b>19.76</b>                        | <b>2</b>      | <b>1</b>  |
| 65                                 | Dhone              | 8.93                                | 1             | 0         |
| 66                                 | Atmakur            | 7.64                                | 1             | 2         |
| <b>Sub-Total for Nandyal</b>       |                    | <b>16.57</b>                        | <b>2</b>      | <b>2</b>  |
| 67                                 | Gudur              | 3.89                                | 1             | 0         |
| <b>Sub-Total for Kurnool</b>       |                    | <b>3.89</b>                         | <b>1</b>      | <b>0</b>  |
|                                    |                    | <b>451.159</b>                      | <b>90</b>     | <b>65</b> |
|                                    | <b>Grand Total</b> | <b>451.16</b>                       | <b>90</b>     | <b>65</b> |

#### **IV. Details of Industrial Pollution:**

- No. of Industries in the State: 10709 Nos.
- No. of water polluting industries in the State: 1501 Nos.
- Quantity of effluent generated from the industries in MLD: 4593.1300

##### **Effluent Break-Up Details:**

- Once through Cooling water: 3826.13 MLD
- Trade effluents: 438.5561 MLD
- Cooling tower/Boiler blow down: 277.5818 MLD
- Domestic waste water: 50.8621 MLD.

**Out of the total waste water generation from the industries, major portion is once through cooling water (about 83.301%) and temperature is to be maintained for discharge of once through cooling water should not be more than 50C of intake water.**

- From the Cooling tower/Boiler blow down (about 6.045%).
- The remaining about 10.655% is generated from Trade effluent & Domestic discharges.
- Number of industrial units having ETPs: 1124 No's
  - i. Existing: 1123 no's ETPs
  - ii. Under construction : 1  
(Temporarily sending Effluents to CETP)
  - iii. Proposed: Nil
- **Compliance status of the ETPs:**
  - APPCB is regularly monitoring the compliance status of ETPs and action is being initiated for non-compliance industries.
  - Total Number of Non - Compling industries: Nil

##### **Number and total capacity of CETPs (details of existing/ under construction / proposed).**

- i. Number of industrial units connected to CETP: 377 No's
- ii. Existing: 9 No's with total capacity of 37.32 MLD
- iii. CETP of 1.5 MLD for HTDS proposed at Anakapalli District
- iv. For HTDS effluents ( Existing – 3.0 MLD & Proposed - 1.0 MLD)  
The schedule for completion is as fallows:
  - 2 x 0.5 MLD expected by 31.01.2026
- For LTDS effluents (Existing – 7.0 MLD & Proposed- 3.0 MLD  
(expected to commission by 31.01.2026).
- (Proposed 2 MLD Capasity – Expected to commission by 31.01.2026)

## Status of Compliance and operation of the CETPs:

| S. No | Name and Address of the CETP & contact person                                                                              | Design Capacity (in MLD) | Current Operating capacity (in MLD) | Type and No. of member units                                                                            |
|-------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| 1.    | Brandix India Apparel City Private Limited, APSEZ, Atchutapuram Pudimadaka Road, Visakhapatnam.                            | 20.00                    | 3.009                               | Textile park- 14 units (Marine outfall)                                                                 |
| 2.    | Visakha Pharamcity (Formerly) M/s RamkyPharma City (India) Ltd, JN PharmaCity, Parawada Mandal, Visakhapatnam.             | 10.05                    | 4.927                               | Pharmaceutical & Bulk drugs – 97 units (Marine outfall)                                                 |
| 3.    | Atchuthapuram Effluent Treatment Plant, Atchutapuram Visakhapatnam.                                                        | 1.5                      | 0.614                               | Pharmaceutical & Bulk drugs, other units – 60 (Marine outfall)                                          |
| 4.    | Kondapally Envirotech Pvt. Ltd., (KEPL), IDA, Kondapalli(V), Ibrahimpatnam (M), Krishna District.                          | 0.2                      | 0.137                               | Pharmaceutical & Bulk drugs- 14 units (ZLD) (Reused in cooling towers of CETP and in member industries) |
| 5.    | Vijayawada Auto Cluster Development Company, Industrial Estate, Auto Nagar, Vijayawada.                                    | 0.2                      | 0.048                               | Food beverages, Herbal pharma, Oil solvents & lubricants - 35 units (For Green belt development)        |
| 6.    | Machilipatnam Imitation Jewellery Park Pvt. Ltd., Jewellery Park, Pothepalli, Machilipatnam.                               | 0.07                     | 0                                   | Electro Plating – 48 Units (ZLD)                                                                        |
| 7.    | Nagari Dyeing Owners Association, Chinthalapatteda (V), Nagari (M), Chittoor District.                                     | 4                        | 0                                   | Manual Dyeing units - 80 units (After treatment , shell be discharged into open channel )               |
| 8.    | M/s. Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC), MPSEZ, Menakuru (V), Naidupet (M), SPSR Nellore | 1.0                      | 0.089                               | Pharmaceutical – 25 units (After treatment , recycled into Various Units )                              |
| 9.    | M/s. APIIC Mega Food Park, CETP (Phase-I), Sy.No.11, Mallavalli (V), Bapulapadu (M), Krishna District.                     | 0.3                      | 0                                   | 2 Units (Onland for irrigation)                                                                         |
|       | <b>Total</b>                                                                                                               | <b>37.32</b>             | <b>8.824</b>                        |                                                                                                         |

## **V. Solid Waste Management:**

- Number of Urban Local Bodies : 123
- Current Municipal Solid Waste Generation: 6890 TPD
- Percentage of collection of Segregated Waste from Source is 98.25.
- Percentage of door to door garbage collection 100.
- Interim Plan is being implemented to provide immediate solution to Solid Waste Management in all ULBs to process & treat the wet, dry & combustible waste.

### **Door to Door Garbage collection & Source Segregation**

- No. of wards in 123 ULBs : 3928
- No. of wards with door to door garbage collection system: 3928
- No. of wards practicing segregation of waste at source: 3859
- 1.21 crores Dustbins in three Colors (3 Bins to each household) have been distributed free of cost to encourage segregation at household level.

### **Waste to Energy Projects**

- There are two Waste to Energy Plants established in Visakhapatnam & Guntur with 15 MW capacity each, which are functional, treating 1800 TPD of the Waste from 80 ULBs (Vishakhapatnam – 27 ULBs & Guntur 53 ULBs – Combustible Waste).
- For Disposal of Combustible Waste, 43 ULBs are mapped to 5 Cement Plants to treat 355 TPD.

### **Wet Waste Processing Plants**

- Total 46 Nos. Waste to Compost Plants, Bio-methanation Plants and ISWM Plants are established covering 55 ULBs. Out of which 33 Nos. are Waste to Compost Plants, 4 Nos. are Bio-CNG plants & 9 Nos. are Integrated Solid Waste Management Plants.
- 33 Nos. Waste to Compost Plants are established covering 37 ULBs and quantity of waste being treated is 1391 TPD.
- 4 Bio-CNG Plants are established covering 8 ULBs & the quantity of waste being treated is 175 TPD.
- 9 Nos. Integrated Solid Waste Management Projects are established covering 10 ULBs & quantity of waste being treated is 380 TPD.
- There are 68 Nos. Windrow Composting Units in 68 ULBs with a Processing Capacity of 1844 TPD of wet waste as an interim measure, till the establishment of ISWM Projects/Waste to Compost Plants/Bio-CNG Plants are established.

- Total 12 Waste to Compost/Bio-methanation Plants (10 Waste to Compost & 2 Bio-methanation) covering 12 ULBs are in progress with an installed capacity of 391 TPD.
- Work Orders issued to 37 Integrated Solid Waste Management Projects covering 51 ULBs. Out of these, 9 Plants are completed & functional, covering 9 ULBs.
- Compost produced is being sold to farmers by Processing Plant Developers & in ULB operated Plants, Compost is being used in Parks, Greenery in Central Medians, Avenue Plantation etc.
- CNG gas produced is being sold to Commercial establishments like Hotels, Restaurants etc.,

#### **Material Recovery facilities (MRFs)**

- MRFs already established in 5 Nos. (GVMC, Vijayawada, Kakinada, Tirupathi Municipal Corporations & Kandukur Municipality). Construction of MRFs is in progress in 40 ULBs. Tenders to be called for in 62 ULBs. In remaining 18 ULBs, ISWM Plants proposed in which MRFs facilities will be provided.
- Material Recovery facilities have been established as an interim measure in 118 ULBs to process the dry waste @ 945 TPD, till establishment of MRFs/ISWM Plants is completed.
- Sorted out recyclables are being sold to identified Recyclers by the ULBs. Thus, the total waste generated i.e., 6890 MTs is being treated with the existing processing facilities established in the ULBs.

#### **Construction & Demolition Waste Processing Plants**

- Construction & Demolition waste Processing Plants are established in Greater Visakhapatnam Municipal Corporation, Vijayawada Municipal Corporation and Tirupathi Municipal Corporation for treatment of C&D waste and utilizing the processed C&D Waste as paver blocks in footpath works, sand in building/road works. The Paver Blocks & sand are being sold to private agencies/contractors.
- In Kakinada & Kurnool Municipal Corporations, Crushing Units are established by ULBs. Fly Ash Bricks & 20 mm metal are being manufactured in Kurnool and being sold to private agencies & contractors. In Kakinada the crushed C&D Waste being used to fill the low-lying areas.

**Bio-Remediation of Legacy Waste:**

- 123 Dumpsites with an area of 1000 Acres are existing in the ULBs.
- Out of 32 ULBs under the category of above 1 Lakh Population, Bio-remediation was completed in 18 ULBs i.e., completed in Vijayawada, Tirupati, Ananthapuramu, Ongole, Guntur, Kurnool, Machilipatnam, Vizayanagaram Municipal Corporations, Dharmavaram, Guntakal, Chilakalurpet, Tadepalligudem, Gudivada, Adoni, Madanapalli, Nandyal, Produttur & Bhimavaram Municipalities.
- Work is under progress in the remaining 14 ULBs.
- Out of 91 ULBs under the category of below 1 Lakh population, Bio-remediation was completed in 21 ULBs i.e., Nuzvidu, Yelamanchili, Kovvur, Pulivendula, Badvel, Rayachoti, Mydukur, Mangalagiri – Tadepalli, Kondapalli, Palacole ,Tadigadapa, Kalyanadurgam, Amalapuram, Nidadvole, Tiruvuru, Satenapalli, Pitapuram Peddapuram , Samrlakot, Rajam & Tuni Municipalities.
- Work is in progress in the remaining 70 ULBs. So far, 54.27 lakh Tons of Legacy Waste has been treated, out of 85.90 Lakh Tons of estimated quantity.

**Status of ULB wise Management of Solid Waste**

| S. No | Name of the ULB   | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-------------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                   |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 1     | Amudalavalasa     | 19.00                 | Existing WtC         | 11.00                | 100%                 | WtE Vizag                     | 6.00              | Established | 2.00               | 100%                 |
| 2     | Ichchapuram       | 18.00                 | Existing WtC         | 11.00                | 100%                 | WtE Vizag                     | 6.00              | Established | 1.00               | 100%                 |
| 3     | Palasa- kasibugga | 28.00                 | Existing WtC         | 17.00                | 100%                 | WtE Vizag                     | 10.00             | Established | 1.00               | 100%                 |
| 4     | Rajam             | 21.00                 | Existing WtC         | 12.00                | 100%                 | WtE Vizag                     | 7.00              | Established | 2.00               | 100%                 |
| 5     | Bobbili           | 29.00                 | Existing WtC         | 16.00                | 100%                 | WtE Vizag                     | 12.00             | Established | 1.00               | 100%                 |
| 6     | Salur             | 24.00                 | Existing WtC         | 16.00                | 100%                 | WtE Vizag                     | 7.00              | Established | 1.00               | 100%                 |
| 7     | GVMC              | 918.00                | Existing WtC         | 519.00               | 100%                 | WtE Vizag                     | 353.00            | Established | 46.00              | 100%                 |
| 8     | Narsipatnam       | 30.00                 | Existing WtC         | 16.00                | 100%                 | WtE Vizag                     | 12.00             | Established | 2.00               | 100%                 |
| 9     | Yellamanchili     | 23.00                 | Existing WtC         | 13.00                | 100%                 | WtE Vizag                     | 8.00              | Established | 2.00               | 100%                 |
| 10    | Adoni             | 81.00                 | Existing CNG         | 23.00                | 100%                 | Connected to Cement Factories | 14.00             | Established | 46.00              | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 11    | Nuzivid         | 29.00                 | Existing WtC         | 16.00                | 100%                 | WtE Guntur                    | 10.00             | Established | 3.00               | 100%                 |
| 12    | Tiruvuru        | 17.00                 | Existing WtC         | 9.00                 | 100%                 | WtE Guntur                    | 6.00              | Established | 2.00               | 100%                 |
| 13    | Tenali          | 80.00                 | Existing WtC         | 44.00                | 100%                 | WtE Guntur                    | 32.00             | Established | 4.00               | 100%                 |
| 14    | Sattenpalle     | 28.00                 | CNG - Piduguralla    | 13.00                | 100%                 | WtE Guntur                    | 10.00             | Established | 5.00               | 100%                 |
| 15    | Narsaraopet     | 57.00                 | CNG - Piduguralla    | 13.00                | 100%                 | WtE Guntur                    | 30.00             | Established | 14.00              | 100%                 |
| 16    | Piduguralla     | 31.00                 | Existing CNG         | 13.00                | 100%                 | WtE Guntur                    | 12.00             | Established | 6.00               | 100%                 |
| 17    | Allagadda       | 20.00                 | Existing WtC         | 11.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 5.00               | 100%                 |
| 18    | Rayadurgam      | 30.00                 | Existing WtC         | 18.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 8.00               | 100%                 |
| 19    | Puttaparty      | 15.00                 | Existing WtC         | 8.00                 | 100%                 | Connected to Cement Factories | 3.00              | Established | 4.00               | 100%                 |
| 20    | Yemmiganur      | 46.00                 | CNG – Adoni          | 23.00                | 100%                 | Connected to Cement Factories | 8.00              | Established | 15.00              | 100%                 |
| 21    | Anantapur       | 131.00                | Windrow composting   | 81.00                | 100%                 | Connected to Cement Factories | 20.00             | Established | 30.00              | 100%                 |
| 22    | Atmakur K       | 22.00                 | Windrow composting   | 13.00                | 100%                 | Connected to Cement Factories | 3.00              | Established | 6.00               | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 23    | Badvel          | 35.00                 | ISWM Functional      | 20.00                | 100%                 | Connected to Cement Factories | 6.00              | Established | 9.00               | 100%                 |
| 24    | Dhone           | 29.00                 | Windrow composting   | 18.00                | 100%                 | Connected to Cement Factories | 5.00              | Established | 6.00               | 100%                 |
| 25    | Markapur        | 35.00                 | Existing WtC         | 19.00                | 100%                 | WtE Guntur                    | 14.00             | Established | 2.00               | 100%                 |
| 26    | Giddalur        | 19.00                 | Existing WtC         | 11.00                | 100%                 | Connected to Cement Factories | 3.00              | Established | 5.00               | 100%                 |
| 27    | Kanigiri        | 22.00                 | Existing WtC         | 12.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 2.00               | 100%                 |
| 28    | Chirala         | 42.00                 | Existing WtC         | 25.00                | 100%                 | WtE Guntur                    | 15.00             | Established | 2.00               | 100%                 |
| 29    | Gudivada        | 58.00                 | Windrow composting   | 32.00                | 100%                 | WtE Guntur                    | 23.00             | Established | 3.00               | 100%                 |
| 30    | Palamaneru      | 25.00                 | Existing WtC         | 15.00                | 100%                 | Connected to Cement Factories | 3.00              | Established | 7.00               | 100%                 |
| 31    | Punganur        | 27.00                 | Existing WtC         | 16.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 7.00               | 100%                 |
| 32    | Madanpalle      | 67.00                 | Existing CNG         | 28.00                | 100%                 | Connected to Cement Factories | 11.00             | Established | 28.00              | 100%                 |
| 33    | Sullurpet       | 22.00                 | Existing WtC         | 12.00                | 100%                 | WtE Guntur                    | 7.00              | Established | 3.00               | 100%                 |
| 34    | Srikakulam      | 65.00                 | ISWM Functional      | 35.00                | 100%                 | WtE Vizag                     | 27.00             | Established | 3.00               | 100%                 |

| S. No | Name of the ULB         | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-------------------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                         |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 35    | Palakonda               | 16.00                 | Windrow composting   | 8.00                 | 100%                 | WtE Vizag                     | 6.00              | Established | 2.00               | 100%                 |
| 36    | Vizianagaram            | 119.00                | ISWM Functional      | 65.00                | 100%                 | WtE Vizag                     | 48.00             | Established | 6.00               | 100%                 |
| 37    | Parvathipuram           | 26.00                 | Windrow composting   | 14.00                | 100%                 | WtE Vizag                     | 9.00              | Established | 3.00               | 100%                 |
| 38    | Nellimarla              | 14.00                 | Windrow composting   | 8.00                 | 100%                 | WtE Vizag                     | 5.00              | Established | 1.00               | 100%                 |
| 39    | Gudur N                 | 36.00                 | Windrow composting   | 19.00                | 100%                 | Connected to Cement Factories | 13.00             | Established | 7.00               | 100%                 |
| 40    | Guntakal                | 62.00                 | Windrow composting   | 32.00                | 100%                 | Connected to Cement Factories | 11.00             | Established | 19.00              | 100%                 |
| 41    | Jaggaihpeth             | 26.00                 | Windrow composting   | 14.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 4.00               | 100%                 |
| 42    | Jammalamadugu           | 22.00                 | Existing WtC         | 12.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 6.00               | 100%                 |
| 43    | Pedana                  | 16.00                 | Windrow composting   | 9.00                 | 100%                 | WtE Guntur                    | 5.00              | Established | 2.00               | 100%                 |
| 44    | Vuyyuru                 | 20.00                 | Windrow composting   | 11.00                | 100%                 | WtE Guntur                    | 6.00              | Established | 3.00               | 100%                 |
| 45    | Guntur                  | 363.00                | Windrow composting   | 200.00               | 100%                 | WtE Guntur                    | 145.00            | Established | 15.00              | 100%                 |
| 46    | Mangalagiri - Tadepalle | 70.00                 | Windrow composting   | 38.00                | 100%                 | WtE Guntur                    | 28.00             | Established | 4.00               | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 47    | Ponnur          | 29.00                 | Existing WtC         | 16.00                | 100%                 | WtE Guntur                    | 9.00              | Established | 4.00               | 100%                 |
| 48    | Chilakaluripet  | 49.00                 | Windrow composting   | 27.00                | 100%                 | WtE Guntur                    | 20.00             | Established | 2.00               | 100%                 |
| 49    | Bapatla         | 34.00                 | Windrow composting   | 19.00                | 100%                 | WtE Guntur                    | 10.00             | Established | 5.00               | 100%                 |
| 50    | Repalle         | 25.00                 | Existing WtC         | 13.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 4.00               | 100%                 |
| 51    | Vinukonda       | 30.00                 | ISWM Functional      | 16.00                | 100%                 | WtE Guntur                    | 9.00              | Established | 5.00               | 100%                 |
| 52    | Macherla        | 28.00                 | Existing WtC         | 19.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 1.00               | 100%                 |
| 53    | Kadapa          | 167.00                | Windrow composting   | 95.00                | 100%                 | Connected to Cement Factories | 26.00             | Established | 46.00              | 100%                 |
| 54    | Dharmavaram     | 62.00                 | Windrow composting   | 35.00                | 100%                 | Connected to Cement Factories | 11.00             | Established | 16.00              | 100%                 |
| 55    | Kadiri          | 43.00                 | Windrow composting   | 24.00                | 100%                 | Connected to Cement Factories | 7.00              | Established | 12.00              | 100%                 |
| 56    | Gooty           | 24.00                 | Windrow composting   | 13.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 7.00               | 100%                 |
| 57    | Hindupur        | 74.00                 | Windrow composting   | 40.00                | 100%                 | Connected to Cement Factories | 13.00             | Established | 21.00              | 100%                 |
| 58    | Kurnool         | 224.00                | Windrow composting   | 128.00               | 100%                 | Connected to Cement Factories | 36.00             | Established | 60.00              | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 59    | Kalyandurgam    | 21.00                 | WtC Functional       | 11.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 6.00               | 100%                 |
| 60    | Madakasira      | 12.00                 | Windrow composting   | 7.00                 | 100%                 | Connected to Cement Factories | 2.00              | Established | 3.00               | 100%                 |
| 61    | Machilipatnam   | 89.00                 | Windrow composting   | 49.00                | 100%                 | WtE Guntur                    | 36.00             | Established | 4.00               | 100%                 |
| 62    | Mydukur         | 22.00                 | Windrow composting   | 12.00                | 100%                 | Connected to Cement Factories | 3.00              | Established | 7.00               | 100%                 |
| 63    | Nandigama       | 22.00                 | Windrow composting   | 12.00                | 100%                 | WtE Guntur                    | 7.00              | Established | 3.00               | 100%                 |
| 64    | Nandikotkur     | 23.00                 | Windrow composting   | 13.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 6.00               | 100%                 |
| 65    | Gudur K         | 14.00                 | Windrow composting   | 8.00                 | 100%                 | Connected to Cement Factories | 2.00              | Established | 4.00               | 100%                 |
| 66    | Nandyal         | 98.00                 | Windrow composting   | 59.00                | 100%                 | Connected to Cement Factories | 16.00             | Established | 23.00              | 100%                 |
| 67    | Proddutur       | 79.00                 | Windrow composting   | 44.00                | 100%                 | Connected to Cement Factories | 13.00             | Established | 22.00              | 100%                 |
| 68    | Pulivendula     | 32.00                 | Existing WtC         | 19.00                | 100%                 | Connected to Cement Factories | 5.00              | Established | 8.00               | 100%                 |
| 69    | Rajahmundry     | 168.00                | ISWM Functional      | 92.00                | 100%                 | WtE Vizag                     | 68.00             | Established | 8.00               | 100%                 |
| 70    | Rajampeta       | 23.00                 | Windrow composting   | 13.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 6.00               | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                      |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 71    | Rayachoti       | 44.00                 | ISWM Functional      | 26.00                | 100%                 | Connected to Cement Factories | 7.00              | Established | 11.00              | 100%                 |
| 72    | Tadipatri       | 53.00                 | Existing WtC         | 31.00                | 100%                 | Connected to Cement Factories | 9.00              | Established | 13.00              | 100%                 |
| 73    | Tirupati        | 208.00                | Existing CNG         | 110.00               | 100%                 | Connected to Cement Factories | 35.00             | Established | 63.00              | 100%                 |
| 74    | Ongole          | 123.00                | Windrow composting   | 68.00                | 100%                 | WtE Guntur                    | 49.00             | Established | 6.00               | 100%                 |
| 75    | Chimakurthy     | 17.00                 | Existing WtC         | 9.00                 | 100%                 | WtE Guntur                    | 5.00              | Established | 3.00               | 100%                 |
| 76    | Addanki         | 20.00                 | Existing WtC         | 11.00                | 100%                 | WtE Guntur                    | 6.00              | Established | 3.00               | 100%                 |
| 77    | Kandukur        | 28.00                 | Windrow composting   | 14.00                | 100%                 | WtE Guntur                    | 10.00             | Established | 4.00               | 100%                 |
| 78    | Kakinada        | 159.00                | ISWM Functional      | 87.00                | 100%                 | WtE Vizag                     | 64.00             | Established | 8.00               | 100%                 |
| 79    | Vijayawada      | 507.00                | Existing WtC         | 279.00               | 100%                 | WtE Guntur                    | 203.00            | Established | 23.00              | 100%                 |
| 80    | Gollaprolu      | 11.00                 | Windrow composting   | 6.00                 | 100%                 | WtE Vizag                     | 3.00              | Established | 2.00               | 100%                 |
| 81    | Pithapuram      | 25.00                 | Windrow composting   | 13.00                | 100%                 | WtE Vizag                     | 8.00              | Established | 4.00               | 100%                 |
| 82    | Peddapuram      | 24.00                 | Windrow composting   | 13.00                | 100%                 | WtE Vizag                     | 7.00              | Established | 4.00               | 100%                 |

| S. No | Name of the ULB  | Waste Generated (TPD) | Wet waste processing | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing |                   |             |                    |                      |
|-------|------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|-------------|--------------------|----------------------|
|       |                  |                       |                      |                      |                      | RDF                  | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 83    | Samalkota        | 28.00                 | Windrow composting   | 16.00                | 100%                 | WtE Vizag            | 8.00              | Established | 4.00               | 100%                 |
| 84    | Yeleswaram       | 16.00                 | Windrow composting   | 9.00                 | 100%                 | WtE Vizag            | 5.00              | Established | 2.00               | 100%                 |
| 85    | Ramachandrapuram | 21.00                 | Windrow composting   | 12.00                | 100%                 | WtE Vizag            | 6.00              | Established | 3.00               | 100%                 |
| 86    | Mandapeta        | 26.00                 | Windrow composting   | 14.00                | 100%                 | WtE Vizag            | 8.00              | Established | 4.00               | 100%                 |
| 88    | Tuni             | 12.00                 | Windrow composting   | 6.00                 | 100%                 | WtE Vizag            | 4.00              | Established | 2.00               | 100%                 |
| 88    | Mummidivaram     | 26.00                 | Windrow composting   | 14.00                | 100%                 | WtE Vizag            | 8.00              | Established | 4.00               | 100%                 |
| 89    | Amalapuram       | 26.00                 | Existing WtC         | 14.00                | 100%                 | WtE Vizag            | 8.00              | Established | 4.00               | 100%                 |
| 90    | Eluru            | 106.00                | Windrow composting   | 59.00                | 100%                 | WtE Guntur           | 42.00             | Established | 5.00               | 100%                 |
| 91    | Tadepalligudem   | 51.00                 | Windrow composting   | 28.00                | 100%                 | WtE Guntur           | 20.00             | Established | 3.00               | 100%                 |
| 92    | Tanuku           | 44.00                 | Windrow composting   | 24.00                | 100%                 | WtE Guntur           | 13.00             | Established | 7.00               | 100%                 |
| 93    | Palakollu        | 33.00                 | Windrow composting   | 18.00                | 100%                 | WtE Guntur           | 10.00             | Established | 5.00               | 100%                 |
| 94    | Narsapuram       | 29.00                 | Windrow composting   | 16.00                | 100%                 | WtE Guntur           | 9.00              | Established | 4.00               | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing            | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|---------------------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                                 |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 95    | Bhimavaram      | 69.00                 | Windrow composting              | 38.00                | 100%                 | WtE Guntur                    | 28.00             | Established | 3.00               | 100%                 |
| 96    | Nidadavole      | 21.00                 | Windrow composting              | 12.00                | 100%                 | WtE Guntur                    | 6.00              | Established | 3.00               | 100%                 |
| 97    | Kovvur          | 19.00                 | Clustered with ISWM Rajahmundry | 10.00                | 100%                 | WtE Vizag                     | 6.00              | Established | 3.00               | 100%                 |
| 98    | JangareddyGudem | 26.00                 | Windrow composting              | 14.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 4.00               | 100%                 |
| 99    | Chittoor        | 92.00                 | Windrow composting              | 55.00                | 100%                 | Connected to Cement Factories | 16.00             | Established | 21.00              | 100%                 |
| 100   | SriKalahasti    | 39.00                 | Windrow composting              | 23.00                | 100%                 | Connected to Cement Factories | 7.00              | Established | 9.00               | 100%                 |
| 101   | Nagari          | 30.00                 | Windrow composting              | 17.00                | 100%                 | Connected to Cement Factories | 6.00              | Established | 7.00               | 100%                 |
| 102   | Puttur          | 26.00                 | Windrow composting              | 15.00                | 100%                 | Connected to Cement Factories | 5.00              | Established | 6.00               | 100%                 |
| 103   | Nellore         | 300.00                | Windrow composting              | 165.00               | 100%                 | WtE Guntur                    | 120.00            | Established | 15.00              | 100%                 |
| 104   | Venkatagiri     | 25.00                 | ISWM Functional                 | 13.00                | 100%                 | WtE Guntur                    | 8.00              | Established | 4.00               | 100%                 |
| 105   | Yerraguntla     | 17.00                 | Windrow composting              | 10.00                | 100%                 | Connected to Cement Factories | 4.00              | Established | 3.00               | 100%                 |
| 106   | Naidupet        | 22.00                 | Windrow composting              | 12.00                | 100%                 | WtE Guntur                    | 7.00              | Established | 3.00               | 100%                 |

| S. No | Name of the ULB | Waste Generated (TPD) | Wet waste processing                        | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|-----------------|-----------------------|---------------------------------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                 |                       |                                             |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 107   | Atmakur N       | 15.00                 | Windrow composting                          | 8.00                 | 100%                 | WtE Guntur                    | 5.00              | Established | 2.00               | 100%                 |
| 108   | Kavali          | 51.00                 | Windrow composting                          | 28.00                | 100%                 | WtE Guntur                    | 20.00             | Established | 3.00               | 100%                 |
| 109   | Kondapalli      | 21.00                 | ISWM Functional                             | 12.00                | 100%                 | WtE Guntur                    | 6.00              | Established | 3.00               | 100%                 |
| 110   | Akiveedu        | 11.00                 | Windrow composting                          | 6.00                 | 100%                 | WtE Guntur                    | 2.00              | Established | 3.00               | 100%                 |
| 111   | Dachepali       | 11.00                 | Clustered with Existing Bio CNG Piduguralla | 6.00                 | 100%                 | WtE Guntur                    | 3.00              | Established | 2.00               | 100%                 |
| 112   | Gurazala        | 9.00                  | Clustered with Existing WtC, Macherla       | 5.00                 | 100%                 | WtE Guntur                    | 3.00              | Established | 1.00               | 100%                 |
| 113   | Darsi           | 12.00                 | Windrow composting                          | 6.00                 | 100%                 | WtE Guntur                    | 4.00              | Established | 2.00               | 100%                 |
| 114   | BuchireddyPalem | 12.00                 | Windrow composting                          | 6.00                 | 100%                 | WtE Guntur                    | 4.00              | Established | 2.00               | 100%                 |
| 115   | Penukonda       | 10.00                 | Clustered with Existing WtC, Puttaparthi    | 5.00                 | 100%                 | Connected to Cement Factories | 2.00              | Established | 3.00               | 100%                 |
| 116   | Bethamcharla    | 14.00                 | Windrow composting                          | 9.00                 | 100%                 | Connected to Cement Factories | 2.00              | Established | 3.00               | 100%                 |
| 117   | Kamlapuram      | 7.00                  | Windrow composting                          | 4.00                 | 100%                 | Connected to Cement Factories | 1.00              | Established | 2.00               | 100%                 |

| S. No | Name of the ULB     | Waste Generated (TPD) | Wet waste processing                    | Plant Capacity (TPD) | Capacity Utilization | Dry Waste Processing          |                   |             |                    |                      |
|-------|---------------------|-----------------------|-----------------------------------------|----------------------|----------------------|-------------------------------|-------------------|-------------|--------------------|----------------------|
|       |                     |                       |                                         |                      |                      | RDF                           | Waste Sent in TPD | MRF         | Plant Capacity TPD | Capacity Utilization |
| 118   | Kuppam              | 15.00                 | Windrow composting                      | 9.00                 | 100%                 | Connected to Cement Factories | 3.00              | Established | 3.00               | 100%                 |
| 119   | Y.S.R. - Tadigadapa | 29.00                 | Clustered with Existing WtC, Vijayawada | 19.00                | 100%                 | WtE Guntur                    | 9.00              | Established | 1.00               | 100%                 |
| 120   | Chintalapudi        | 4.00                  | Windrow composting                      | 2.00                 | 100%                 | WtE Guntur                    | 1.00              | Established | 1.00               | 100%                 |
| 121   | Podili              | 6.00                  | Clustered with Existing WtC, Kanigiri   | 3.00                 | 100%                 | WtE Guntur                    | 2.00              | Established | 1.00               | 100%                 |
| 122   | Alluru              | 9.00                  | Windrow composting                      | 5.00                 | 100%                 | WtE Guntur                    | 3.00              | Established | 1.00               | 100%                 |
| 123   | B.KothaKota         | 6.00                  | Windrow composting                      | 3.00                 | 100%                 | Connected to Cement Factories | 1.00              | Established | 2.00               | 100%                 |

## **VI. Bio-medical Waste Management:**

- Total Bio-medical waste generation: 17 Tonns/Day
- No. of Hospitals and Health Care Facilities: 16,098 Nos.

|                                      |   |                                                                                                                                                                                                                                          |
|--------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status of Treatment Facility/ CBMWTF | : | Presently, there are 12 Nos. of Common Bio-medical Waste Treatment and disposal Facilities ( CBMWTFs) operating in the State of Andhra Pradesh for treatment and for disposal of Bio-Medical waste as per the BMW Management Rules 2016. |
|--------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **VII. Hazardous Waste Management:**

- Total Hazardous Waste generation is about 54,079.19 Tones during the month of June, 2025 and cumulative quantity (April 2024 to June 2025) is approximately 8,13,700.9231 Tones.
- No of industries generating Hazardous Waste: 2611 Nos as per Hazardous Waste inventory, 2023-24.
- **For the month of June, 2025, the Quantity of Hazardous Waste Treated & Disposed is as follows:**
  - i) Utilizable waste is 39,755.49 TPM (suitable to use as raw material or as alternative fuel viz. Co-processing in Cement Plants so as to conserve the resources),
  - ii) Recyclable waste is 1772.86 TPM (suitable for recycling /recovery of material viz. oil reclamation units, lead and zinc recovery units).
  - iii) Incinerable waste is 183.18 TPM (not suitable for any recycling / reuse and having high calorific value i.e. > 2500 K cal/kg) and
  - iv) Land fillable waste is 12367.67 TPM (not suitable for any recycling / reuse and having low calorific value i.e. < 2500 K cal/kg) is reaching and treated at the TSDFs in Visakhapatnam and Nellore.

**Note: The above data is obtained from the APEMC online portal. The above data may vary during verification of annual returns submitted by the industry.**

- **Details of on-going or proposed TSDF:** Two common TSDF are existing in the State of Andhra Pradesh.
  - ✓ M/s Coastal Waste Management Project Unit-1, Parwada, Visakhapatnam.
  - ✓ M/s Coastal Waste Management Project Unit-2 a division of Mumbai Waste Management Limited, S.P.S.R. Nellore District.

### VIII. Plastic Waste Management:

| Total Plastic Waste Generation                                                | 61996.539 TPA<br>(As per Annual Report for the F.Y. 2023-24).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                     |                                            |     |                                 |    |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|--------------------------------------------|-----|---------------------------------|----|
| Implementation of Plastic Waste Management Rules, 2016 in Urban Local Bodies. | <ul style="list-style-type: none"> <li>156 Nos of Producers and 134 Importers, 65 Brand owners &amp; 58 Nos of plastic waste processors are registered in the EPR Portal of CPCB.</li> <li>The State has released G.O.Ms.No.81, dated 29.11.2022 for implementation of identified Banned Single Use Plastic (SUP) by designating enforcement authorities and stipulating penalties for effective enforcement of PWM Rules.</li> <li>APPCB along with stake holding depts has conducted 30,896 Special Inspection Drives for the month of June, 2025 &amp; seized 6386.94 Kgs of banned SUP material and levied Rs.5.90 Lakhs on violators.</li> <li>Communicated CPCB SOP on Characterization and Assessment of Plastic Waste Generation to all the Stake holding Departments for implementation in the State. CPCB has conducted characterization and assessment of plastic waste generation in Vijayawada City and directed APPCB to conduct characterization and assessment similarly in the ULBs of Visakhapatnam and Kakinada. In this regard, letters were addressed to the Commissioners of Visakhapatnam and Kakinada on 12.12.2024.</li> <li>The status of EPR registrations of PIBOs and PWPs in the State of Andhra Pradesh is as follows: <table border="1"> <thead> <tr> <th>Type of Entity</th><th>No of Registrations</th></tr> </thead> <tbody> <tr> <td>Producers, Importers, Brand Owners (PIBOs)</td><td>355</td></tr> <tr> <td>Plastic Waste Processors (PWPs)</td><td>58</td></tr> </tbody> </table> </li> </ul> <p>APPCB has monitoring the 8(5+3) polluted river stretches at locations on monthly basis and the data is being uploaded in RRC Website at <a href="https://rrc.ap.gov.in/Views/Monitoring.aspx">https://rrc.ap.gov.in/Views/Monitoring.aspx</a> every</p> | Type of Entity | No of Registrations | Producers, Importers, Brand Owners (PIBOs) | 355 | Plastic Waste Processors (PWPs) | 58 |
| Type of Entity                                                                | No of Registrations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                     |                                            |     |                                 |    |
| Producers, Importers, Brand Owners (PIBOs)                                    | 355                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                     |                                            |     |                                 |    |
| Plastic Waste Processors (PWPs)                                               | 58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                     |                                            |     |                                 |    |

**IX. Details of Alternate Treatment Technology being adopted by the State****Details of Faecal Sludge Treatment Plants:**

No. of Completed FSTPs : 9 (165 KLD)

No. of In-progress FSTPs : 83 (1170 KLD)

**IX. (A): Details of Completed FSTPs:**

| S.No.        | Name of ULB | Capacity (in KLD) | Operational Status of FSTP |
|--------------|-------------|-------------------|----------------------------|
| 1            | Narsapur    | 15                | Operational                |
| 2            | Rajam       | 15                | Operational                |
| 3            | Palamaneru  | 15                | Operational                |
| 4            | Bobbili     | 15                | Operational                |
| 5            | Vinukonda   | 15                | Operational                |
| 6            | Dhone       | 20                | Completed                  |
| 7            | Markapur    | 20                | Completed                  |
| 8            | Chirala     | 25                | Completed                  |
| 9            | Rayachoti   | 25                | Completed                  |
| <b>Total</b> |             | <b>165</b>        |                            |

**IX (B): Details of In-Progress FSTPs:**

| S.No | Name of the ULB | Plant Capacity (in KLD) | Expected Date of Completion   |
|------|-----------------|-------------------------|-------------------------------|
| 1    | Gooty           | 15                      | 80% Completed<br>August -2025 |
| 2    | Jammalamadugu   | 15                      | 90% Completed<br>August -2025 |
| 3    | Kadiri          | 25                      | 80% Completed<br>August -2025 |
| 4    | Kalyanadurgam   | 10                      | Oct-2025                      |
| 5    | Madakasira      | 5                       | Oct-2025                      |
| 6    | Pulivendula     | 20                      | 98% Completed<br>August -2025 |
| 7    | Puttaparthi     | 10                      | Oct-2025                      |
| 8    | Rayadurg        | 20                      | Oct-2025                      |
| 9    | Allagadda       | 10                      | Oct-2025                      |

| S.No | Name of the ULB | Plant Capacity<br>(in KLD) | Expected Date of Completion |
|------|-----------------|----------------------------|-----------------------------|
| 10   | Atmakur (K)     | 15                         | Oct-2025                    |
| 11   | Badvel          | 25                         | Oct-2025                    |
| 12   | Gudur (K)       | 5                          | Oct-2025                    |
| 13   | Mydukuru        | 15                         | 10% Completed<br>Oct-2025   |
| 14   | Nandikotkur     | 15                         | Oct-2025                    |
| 15   | Yelamanchili    | 15                         | Oct-2025                    |
| 16   | Punganur        | 15                         | 90% Completed<br>Aug-2025   |
| 17   | Rajampeta       | 15                         | 10% Completed<br>Oct-2025   |
| 18   | Yerraguntla     | 10                         | Oct-2025                    |
| 19   | Atmakur (N)     | 10                         | Oct-2025                    |
| 20   | Giddalur        | 10                         | Oct-2025                    |
| 21   | Gudur (TPT)     | 20                         | 45% Completed<br>Aug-2025   |
| 22   | Kandukur        | 20                         | 35% Completed<br>Oct-2025   |
| 23   | Kanigiri        | 15                         | 25% Completed<br>Oct-2025   |
| 24   | Nagari          | 20                         | 50% Completed<br>Aug-2025   |
| 25   | Naidupet        | 15                         | Oct-2025                    |
| 26   | Puttur          | 15                         | Oct-2025                    |
| 27   | Sullurpeta      | 15                         | 35% Completed<br>Oct-2025   |
| 28   | Venkatagiri     | 15                         | 30% Completed<br>Oct-2025   |
| 29   | Addanki         | 10                         | Oct-2025                    |
| 30   | Bapatla         | 25                         | 85% Completed, Aug-2025     |
| 31   | Chimakurthy     | 10                         | Oct-2025                    |
| 32   | Macherla        | 15                         | 35% Completed<br>Oct-2025   |
| 33   | Mangalagiri     | 25                         | Oct-2025                    |
| 34   | Piduguralla     | 15                         | 30% Completed<br>Oct-2025   |
| 35   | Ponnur          | 15                         | 90% Completed<br>Aug-2025   |

| S.No | Name of the ULB  | Plant Capacity<br>(in KLD) | Expected Date of Completion |
|------|------------------|----------------------------|-----------------------------|
| 36   | Repalle          | 15                         | 10% Completed<br>Nov -2025  |
| 37   | Sattenapalli     | 15                         | 10% Completed<br>Nov -2025  |
| 38   | Salur            | 15                         | Nov -2025                   |
| 39   | Amalapuram       | 15                         | Nov -2025                   |
| 40   | Gollaprolu       | 5                          | Nov -2025                   |
| 41   | Kovvur           | 10                         | Nov -2025                   |
| 42   | Mandapeta        | 15                         | Nov -2025                   |
| 43   | Mummidivaram     | 10                         | Nov -2025                   |
| 44   | Peddapuram       | 15                         | 50% Completed<br>Sep -2025  |
| 45   | Pithapuram       | 15                         | 30% Completed<br>Oct -2025  |
| 46   | Ramachandrapuram | 15                         | 30% Completed<br>Oct -2025  |
| 47   | Samalkota        | 15                         | Nov -2025                   |
| 48   | Tuni             | 15                         | Nov -2025                   |
| 49   | Yeleshwaram      | 10                         | 30% Completed<br>Oct -2025  |
| 50   | Amudalavalasa    | 10                         | Nov -2025                   |
| 51   | Parvathipuram    | 15                         | Nov -2025                   |
| 52   | Ichapuram        | 10                         | Nov -2025                   |
| 53   | Narsipatnam      | 20                         | Nov -2025                   |
| 54   | Nellimarla       | 10                         | Nov -2025                   |
| 55   | Palakonda        | 10                         | Nov -2025                   |
| 56   | Palasa-Kasibugga | 15                         | Nov -2025                   |
| 57   | Kondapalli       | 20                         | 35% Completed<br>Oct-2025   |
| 58   | Jaggaiahpeta     | 15                         | 45% Completed<br>Sep -2025  |
| 59   | Nandigama        | 15                         | 70% Completed<br>Aug -2025  |
| 60   | Jangareddigudem  | 15                         | 10% Completed<br>Oct -2025  |
| 61   | Nidadavolu       | 15                         | 10% Completed<br>Oct -2025  |
| 62   | Palacole         | 25                         | Nov -2025                   |

| S.No | Name of the ULB | Plant Capacity<br>(in KLD) | Expected Date of Completion |
|------|-----------------|----------------------------|-----------------------------|
| 63   | Pedana          | 10                         | Nov -2025                   |
| 64   | Tadepalli       | 30                         | 40% Completed<br>Sep -2025  |
| 65   | Tanuku          | 20                         | 10% Completed<br>Oct-2025   |
| 66   | Vuyyuru         | 10                         | Nov -2025                   |
| 67   | Nuzividu        | 20                         | 10% Completed<br>Oct-2025   |
| 68   | Tiruvuru        | 10                         | 40% Completed<br>Sep -2025  |
| 69   | Akiveedu        | 10                         | Nov -2025                   |
| 70   | Dachepali       | 10                         | 10% Completed<br>Oct-2025   |
| 71   | Gurazala        | 10                         | 10% Completed<br>Oct-2025   |
| 72   | Darsi           | 10                         | 10% Completed<br>Oct-2025   |
| 73   | BuchireddyPalem | 10                         | 10% Completed<br>Oct-2025   |
| 74   | Penukonda       | 10                         | Nov -2025                   |
| 75   | Bethamcharla    | 10                         | 10% Completed<br>Oct-2025   |
| 76   | Kamalapuram     | 10                         | Nov -2025                   |
| 77   | Kuppam          | 15                         | 10% Completed<br>Oct-2025   |
| 78   | Tadigadapa      | 25                         | Nov -2025                   |
| 79   | Chintalapudi    | 10                         | 15% Completed<br>Oct-2025   |
| 80   | Podili          | 10                         | Nov -2025                   |
| 81   | Alluru          | 10                         | 10% Completed<br>Oct-2025   |
| 82   | B.KothaKota     | 10                         | 10% Completed<br>Oct-2025   |
|      | <b>Total</b>    | <b>1170</b>                |                             |

**X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:**

A total 32 No's of outfall points of the major disposal drains have been identified which are contributing to River Pollution. All the above 32 No's of outfall points are provided with Meshes/Screens to prevent solid waste from falling in to the Rivers.

**XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:**

Commissioner & Director of Municipal Administration has been appointed as a Nodal Officer for Polluted River Stretches as per G.O.Rt.No.103 EFS&T Department Dated: 25-11-2020.

**XII. Details of Meetings carried under the Chairmanship of Chief Secretary in the State/UT:**

A Review meeting was conducted by the Chief Secretary to Government on 12.10.2023 with the officials of Municipal Administration Department, Swachh Andhra Corporation, Engineer-in-Chief (Public Health), APUFIDC, APPCB etc., on solid and liquid waste management and on the Orders of the Hon'ble National Green Tribunal, New Delhi in O.A.No.606 of 2018.

**XIII. Latest water quality of polluted river, its tributaries, drains with flow details:**

- APPCB has been monitoring the 8 (5+3) polluted river stretches at 31 (27+4) locations on monthly basis and the data is being uploaded in RRC Website <https://rrc.ap.gov.in/Views/Monitoring.aspx> every month. (Annexure)

**XIV. Ground Water Regulation:**

The main objective of the Ground Water and Audit Department is to monitor Ground Water regime, scientific Development and management of Ground Water resources in the state. In view of repeated droughts and alarming depletion in groundwater resources, emphasis is laid on efficient water conservation and management. One such measure is the enactment called Andhra Pradesh Water, Tree Act (APWALTA) in 2002. This act is a comprehensive act covering surface and groundwater resources. The act aims to promote water conservation, enhance tree cover and regulate the exploitation and use of ground and surface water. The act empowered the State Government to appoint a State Level Authority viz., Andhra Pradesh Water, Land and Tree Authority.

The Authority has the mandate to promote water conservation, enhance tree cover, regulate exploitation of ground and surface water, make regulations for the functioning of the authorities at District and Mandal Level (administrative units within Districts).

State Level WALTA Authority : Commissioner of Rural Development Department.

Mandal Level WALTA Authority : Tahsildhar

The Groundwater Department is providing necessary technical inputs on Ground water issues to the authority whenever requested for effective implementation of the Act.

### **Annual Assessment of Ground Water Resources:**

Ground Water Resources Assessment for the State of Andhra Pradesh is being carried out annually by the ground water & Water audit Department under the guidelines of State Level Committee (SLC) on Groundwater Assessment at State Level and under the overall supervision of the Central Level Expert Group based on the norms and guidelines of the GEC-2015 methodology. Such exercise has been taken up recently for the year 2023. The assessment involves comparing of annual extractable Groundwater Resources, total annual Groundwater extraction and the % of utilization with respect to annual extractable resource i.e. stage of development for all 17467 villages, 679 Mandals and 748 micro basins in the State.

Out of all the states in the country only Andhra Pradesh and Telangana states are doing this assessment taking village as basic assessment unit rest of the states are doing the exercise taking Mandal as basic assessment unit. Based on the computation assessment units i.e., Villages are categorized as Over Exploited where the groundwater extraction is > 100%, critical where the extraction between 90-100%, semi-critical where the extraction is 70- 90 % and Safe where the extraction is <70%. of the Availability.

After every periodic assessment the Government come up with a notification listing over exploited villages and ban further exploitation of Groundwater and sand mining in these villages. The below given table gives the region wise classification of these villages in the State. That implies no new permissions to drill bore wells be entertained in these villages.

Number of Mandals and Villages notified as over-exploited(OE) in Andhra Pradesh

(as per GEC-2023): these are approved in the state Level Committee (SLC) and Villages are to be notified shortly.

| <b>Region</b> | <b>No. of Over Exploited Mandals</b> | <b>No. of Notified OE Villages</b> |
|---------------|--------------------------------------|------------------------------------|
| Coastal       | 05                                   | 185                                |
| Rayalaseema   | 04                                   | 115                                |
| <b>Total</b>  | <b>09</b>                            | <b>300</b>                         |

### **XV. Good Irrigation practices and Rain Water Harvesting:**

The Ground Water and Water Audit Department is not directly involved in execution of the Water Conservation and rainwater harvesting in the state. However, the inferences drawn from the activities of the Ground Water and Water Audit Department are disseminated to the line departments, planners, stake holders for taking appropriate management measures for optimal utilization and sustainable development of Groundwater Resource.

- **Ground Water Quality:**

The Ground Water and Water Audit Department collect Pre and Post monsoon water samples from the permanent monitoring stations and analyze the samples for major cations and anions as to assess irrigation suitability. The Rural Water Supply (RWS) Department is having the appropriate laboratory equipment to analyze all parameters at regional level as the department is specialized in dealing with the issues related to drinking water Parameters. The Pollution Control Board possess the requisite equipment to analyze all the parameters to know the major pollution hotspots and to study the periodical variations, particularly in industrial area.

- **Groundwater Charging:**

Not charging any Groundwater extraction charges as per present policies and legislations However the process of implementation of Groundwater extraction charges for industrial use is under process.

**XVI.** Rain Water Harvestings:

**XVII.** Demarcation of Floodplain and removal of illegal encroachments:

**XVIII.** Maintaining minimum e-flow of river:

**XIX.** Plantation activities along the rivers:

**XX. Development of Biodiversity Parks:**

The Andhra Pradesh State Biodiversity Board was established under Biodiversity Act, 2002 (Central Act) and was established in the Year 2006. The main objectives or functions of the Biodiversity Board are:

1. Conservation of the Bio Diversity in the State.
2. Sustainable utilization of bio- resources and
3. Fair and equitable shareing of benefits arrived out of utilization of bio resources to all the beneficiaries.

The Andhra Pradesh State Biodiversity Board as part of fulfillment of its objects it has taken up various activities as shown below:

**Development of Biodiversity of Parks & Digital Museums:**

The A.P. State Biodiversity Board have approved a vision plan and perspective plan in its meeting held on 28.07.2020 wherein it has agreed to set up Biodiversity Parks and Digital Museums in 7 districts out of 13 districts in the State to showcase the ecosystems, fauna and flora of Andhra Pradesh and to bring awareness and interest on the ecology and conservation of biodiversity among the general public especially for the student community.

Out of 7 parks proposed the Government have permitted the District Collector, YSR District, Kadapa to handed over 6 Acres of land at Chinnachowk Village, Kadapa Rural Mandal. The A.P. Greening & Beautification Corporation is taking up the works of Biodiversity Park, remaining 6 parks are in process.

As a part of establishment of Biodiversity Digital Museums, the A.P. State Bio-Diversity Board have entered into an agreement with M/s. KELTRON, Tiruvananthapuram a Government of Kerala Undertaking for supply of Digital Kiosks of 32” 2nos and 42” 1no to each digital museum which displays the world biodiversity, Indian Biodiversity and State Biodiversity in particular to that area in two languages i.e., English and Telugu. It also provides Play Station, Quiz and Other child interested games related to Ecology. Further, the A.P. State Biodiversity Board have also designed and ordered models and wall panels to display the Andhra Pradesh Ecology Systems in FRP made along with a 10 x 6 size display table and clear acrylic box and wall panels reflecting fauna and flora of A.P, Biodiversity acts printed on Vinyl with lamination, pasting of Vinyl to ACP panel and framing including computer design of 5’ x 3’ size of 10 nos to each museum. All the 7 museums were located in Government buildings identified by concerned Municipal Corporations within the city limits.

The Andhra Pradesh State Bio Diversity Board have taken initiation on the orders of Hon’ble National Green Tribunal (NGT). New Delhi and also as per the directions of the Secretary, Jala Shakti, Government of India during the 15<sup>th</sup> Central Monitoring Committee meeting held on 10.01.2023 regarding the action Plan relating to conservation of biodiversity, setting up of biodiversity parks on flood plains along polluted river stretches.

Accordingly, the Andhra Pradesh State Biodiversity Board in its meeting held on 21.11.2023 have approved for Establishment of Bio diversity parks on the flood plains of polluted river stretches of Andhra Pradesh, as such a letter has been addressed to the concerned District Collectors of the five identified polluted River Stretches of Andhra Pradesh to identify at least 20.00 Acres of land to establish biodiversity parks and explaining the necessity and also benefits of the establishments of the bio diversity parks in the river plains taking the Yamuna Bio diversity park developed by DDA on the floods plains as a modal. It is also appropriate to inform that a letter has been addressed to Prof. .C.R Babu, who is the architect of Yamuna Biodiversity park and other seven parks in New Delhi to identify possibilities to establish bio Diversity parks in the river plains of Andhra Pradesh vide this office letter no: 1221/NGT/2023, Dated: 13.12.2023.

## **Conservation Activities:**

### **1) Home Herbal Garden:**

The National Medicinal Plant Board, New Delhi have sanctioned projects on conservation of Nurseries namely, Home Herbal Garden (HHG) and other one nursery activities. The APSBB have procured and raised nurseries for supply of plants as proposed by the NMPB to supply to the households about 7,80,000 plants are proposed for 13,000 household beneficiaries in 13 districts of A.P. Each district is selected 10 Mandals and in each Mandal 10 villages and in each village 10 beneficiaries totalling to 13,000 beneficiaries as in 1st phase. Till now, 5,89,300 plants were distributed to the beneficiaries.

### **2) Nurseries:**

The National Medicinal Plant Board, New Delhi have sanctioned nursery project to APSBB for raising 7,80,000 bag plant nurseries in 13 districts of Andhra Pradesh out of 13 districts nurseries raised in 11 districts, each nursery consisting of 60,000 bag plants which are to be distributed to the identified beneficiaries of the Grama Sabhas. About 2,28,930 nursery plants were distributed till now under the scheme.

### **3) Other Nurseries:**

The APSBB have raised and procured bag plants of 1,14,000 with ABS funds available and out of the scheme 51,000 bag plants were distributed so far to the identified beneficiaries.

### **4) Awareness programmes:**

The APSBB have created massive awareness programmes to the BMCs, Officials and general public (especially targeting student community) in the past 2.5 years through physical and virtual mode. Most of the Programmes are virtually organised due to Covid pandemic and created awareness among all sections of public. It also taken up printing of leaflets, brochures, knowledge material and widely distributed through BMCs of all the levels and also by conducting awareness programmes for all stakeholders.

The APSBB have also produced documentary films under the series a window to the A.P. State Biodiversity, about 7 films on wetlands, dry lands, Mada forests, grass lands and Forest Ecology also on HHG, the experiences of biodiversity conservers in the society. The APSBB has strated awarencess programmes and as a part it scheduled a programme from May, 2024 to all the BMC Members and stakeholders to create awareness on Bio diversity act and conservation of Biodiversity in phased manner by grouping 50

persons in each training programme at A.P. forest Academy, Rajamahedhravaram and during May 2024 (2) training camps in each month were organized.

The APSBB have taken up reprinting of the books on Biosiversity Act, 2002 and Amendment act in 2023 for distribution to the BMC members and other stakeholders to create awareness on BD Act.

The APSBB have Planed 500 nos wood bearing plants and medical plants on the various occasions in the month of September, 2024 through the State.

#### **5) CAAP and ICAAP Activities:**

As a part of Operationalization of BMCs the APSBB have designed a programme namely Core Activities Action Plan (CAAP) In all BMCs in the State by identifying 15 core activities and selected 551 Mandal Biodiversity Coordinators out of 661 Mandals and organized to open Local Biodiversity fund (LBF) accounts in BMCs on joint operation mode.

To make a model BMCs an Intensive Core Activities Action Plan (ICAAP) with 10 core activities in 78 Mandals of 661 Mandals by taking 20 villages in each Mandal to operate the ICAAP. The 78 Mandals were divided into 26 clusters consisting of 3 Mandals in each cluster to implement the ICAAP activities. In IACCP activities raising nurseries of 1 lakh bag plants in each cluster, establishment of Mandal Biodiversity Park/Raasi Vanam/ Nakshatra Vanam/ Butterfly Park/Smruthi Vanam etc., of 1 Acre in each Mandal. Promotion of Organic farming and land races, cultivation of Wild variety crops, Promotion of unique animal breed, Identification of BHS etc., are included in the ICAAP.

**Staement showing the Particulars of Cinservation and awarenss programees don under APSBB during the Period up to June - 2025.**

| Sl. No. | Name of the activity                           | Number of programmes taken up during the mentioned period |          |
|---------|------------------------------------------------|-----------------------------------------------------------|----------|
|         |                                                | 2024-25                                                   |          |
|         |                                                | Target                                                    | Achieved |
| 1.      | Biodiversity Management Committees constituted | -                                                         | 14,157   |
| 2.      | PBRs written (e-PBRs)                          | -                                                         | 14,157   |
|         | ZP level – 13                                  |                                                           |          |
|         | Mandal level – 661                             |                                                           |          |
|         | Municipal Corporation level – 120              |                                                           |          |
|         | Gram Panchayath level – 13,363                 |                                                           |          |
| 3.      | Awareness programmes Physical                  | -                                                         | 07       |
|         | Virtual                                        | -                                                         | 01       |
| 4.      | Conservation (Nurseries raised)                | -                                                         | -        |
|         | i)NMPB – Home Herbal Garden                    | -                                                         | -        |
|         | ii)NMPB – Nurseries                            | -                                                         | -        |
|         | iii)Others – Nurseries under ABS funds         | -                                                         | -        |
|         | iv)Others – ICAAP Nurseries                    | -                                                         | -        |
|         | v) Other events                                | -                                                         | 20       |
| 5.      | Biodiversity Parks in Districts                | 07                                                        | 01       |
| 6.      | Biodiversity Parks in flood plains             | 05                                                        | -        |
| 7.      | Biodiversity Museums                           | 07                                                        | 07       |

**XXI. Reuse of Treated Water:**

13 ULBs Utilizing Re–Use of Treated Waste Water

| S.No | Name of the ULB   | Installed Capacity<br>(in MLD) | Qty of treated sewage<br>utilised<br>(in MLD) |
|------|-------------------|--------------------------------|-----------------------------------------------|
| 1    | 2                 | 3                              | 4                                             |
| 1    | Visakhapatnam     | 233.00                         | 85.95                                         |
| 2    | Rajamahendravaram | 30.00                          | 20.00                                         |
| 3    | Vijayawada        | 130.00                         | 45.00                                         |
| 4    | Tirupathi         | 50.00                          | 33.00                                         |
| 5    | Narsaraopeta      | 15.55                          | 8.50                                          |
| 6    | Tadipatri         | 11.50                          | 6.50                                          |
| 7    | Puttaparthi       | 1.50                           | 0.30                                          |
| 8    | Kurnool           | 2.40                           | 0.10                                          |
| 9    | Kadapa            | 20.00                          | 10.00                                         |
| 10   | Pulivendula       | 10.00                          | 3.00                                          |
| 11   | Yemmiganuru       | 19.80                          | 5.00                                          |
| 12   | Ongole            | 15.00                          | 15.00                                         |
| 13   | Nellore           | 71.00                          | 0.50                                          |
|      | <b>Total</b>      | <b>609.75</b>                  | <b>232.85</b>                                 |

**XXII.** Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

2 River stretches are identified as Model Rivers. i.e. Under Category - IV River Tungabhadra & under Category – V River Krishna.

**XXIII.** Status of Preparation of Action Plan by the 13 Coastal States:

**XXIV.** Regulation of Mining Activities in the State/UT:

**XXV.** Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.

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## **Water Quality Status Of Polluted River Stretches in Andhra Pradesh - 2025**

### **I. River Godavari:**

Andhra Pradesh Pollution Control Board is monitoring water quality of river Godavari at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| <b>S. No.</b> | <b>Code</b> | <b>Location Point</b>                                                                                |
|---------------|-------------|------------------------------------------------------------------------------------------------------|
| 1             | 4367        | Koundinyamukti (Kukunur) border point between Andhra Pradesh & Telangana States, West Godavari Dist. |
| 2             | 4359        | After confluence with Sabari at Kunavaram (waddigudem), East Godavari Dist.                          |
| 3             | 0014        | Polavaram, West Godavari Dist.                                                                       |
| 4             | 1218        | Upstream of Rajahmundry at Kumaradevam                                                               |
| 5             | 2370        | At Rajahmundry Upstream of Nalla channel                                                             |
| 6             | 2371        | At Rajahmundry Downstream of Nalla channel                                                           |
| 7             | 1219        | Downstream of Rajahmundry at Dhawaleswaram                                                           |
| 8             | 4365        | Upstream of Narasapuram town before confluence with sewage, West Godavari Dist.                      |
| 9             | 4366        | Downstream of Narasapuram town after confluence with town sewage, West Godavari Dist.                |
| 10            | 4358        | Near GMC Balayogi bridge, Govalanka, East Godavari Dist.                                             |

| Parameter | Code | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul | Aug | Sep | Oct | Nov | Dec | Standard  |         |           |
|-----------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----------|---------|-----------|
|           |      |      |      |      |      |      |      |     |     |     |     |     |     | Class A   | Class B | Class C   |
| pH        | 4367 | 8.27 | 8.28 | 8.09 | 8.36 | 8.13 | 7.62 |     |     |     |     |     |     | 6.0 - 8.5 |         | 6.0 – 9.0 |
|           | 4359 | 8.12 | 7.51 | 7.12 | 7.28 | 6.91 | 7.06 |     |     |     |     |     |     |           |         |           |
|           | 0014 | 7.88 | 7.88 | 7.76 | 7.83 | 7.52 | 7.62 |     |     |     |     |     |     |           |         |           |
|           | 1218 | 7.50 | 7.56 | 7.53 | 8.02 | 8.27 | 7.38 |     |     |     |     |     |     |           |         |           |
|           | 2370 | 8.26 | 8.25 | 7.80 | 8.28 | 7.47 | 7.17 |     |     |     |     |     |     |           |         |           |
|           | 2371 | 8.24 | 8.20 | 7.37 | 7.16 | 7.80 | 7.26 |     |     |     |     |     |     |           |         |           |
|           | 1219 | 7.54 | 8.06 | 8.03 | 7.26 | 7.85 | 7.65 |     |     |     |     |     |     |           |         |           |
|           | 4365 | 7.87 | 7.42 | 7.98 | 7.76 | 7.84 | 8.00 |     |     |     |     |     |     |           |         |           |
|           | 4366 | 7.76 | 7.32 | 7.74 | 7.60 | 7.74 | 8.14 |     |     |     |     |     |     |           |         |           |
|           | 4358 | 7.80 | 8.07 | 8.12 | 7.94 | 8.11 | 8.04 |     |     |     |     |     |     |           |         |           |
| DO        | 4367 | 7.3  | 7.0  | 8.1  | 8.4  | 8.0  | 8.1  |     |     |     |     |     |     | 6.0       | 5.0     | 4.0       |
|           | 4359 | 6.6  | 7.4  | 6.8  | 6.4  | 7.3  | 6.8  |     |     |     |     |     |     |           |         |           |
|           | 0014 | 7.0  | 7.7  | 7.3  | 7.7  | 7.5  | 7.2  |     |     |     |     |     |     |           |         |           |
|           | 1218 | 7.6  | 7.8  | 7.9  | 8    | 8.1  | 8.0  |     |     |     |     |     |     |           |         |           |
|           | 2370 | 7.7  | 7.9  | 7.8  | 7.9  | 7.6  | 7.8  |     |     |     |     |     |     |           |         |           |
|           | 2371 | 7.1  | 7.2  | 7.0  | 7.2  | 7.0  | 7.5  |     |     |     |     |     |     |           |         |           |
|           | 1219 | 7.4  | 7.2  | 7.3  | 7.5  | 7.2  | 7.4  |     |     |     |     |     |     |           |         |           |
|           | 4365 | 6.5  | 7.5  | 7.2  | 6.1  | 7.0  | 7.5  |     |     |     |     |     |     |           |         |           |
|           | 4366 | 6.7  | 6.3  | 6.2  | 6.2  | 7.5  | 7.0  |     |     |     |     |     |     |           |         |           |
|           | 4358 | 6.6  | 6.8  | 7.2  | 7.5  | 7.1  | 7.3  |     |     |     |     |     |     |           |         |           |

|                       |      |     |     |     |     |     |     |  |  |  |  |  |  |     |     |      |
|-----------------------|------|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|-----|-----|------|
| <b>BOD</b>            | 4367 | 2.1 | 2.2 | 2.5 | 2.4 | 2.0 | 2.3 |  |  |  |  |  |  | 2.0 | 3.0 | 3.0  |
|                       | 4359 | 2.4 | 2.3 | 1.8 | 1.9 | 2.0 | 1.8 |  |  |  |  |  |  |     |     |      |
|                       | 0014 | 2.2 | 2.3 | 2.1 | 1.7 | 1.8 | 2.1 |  |  |  |  |  |  |     |     |      |
|                       | 1218 | 2.3 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |  |  |  |  |  |  |     |     |      |
|                       | 2370 | 2.0 | 1.9 | 1.9 | 1.7 | 1.9 | 1.8 |  |  |  |  |  |  |     |     |      |
|                       | 2371 | 2.2 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 |  |  |  |  |  |  |     |     |      |
|                       | 1219 | 2.1 | 2.1 | 2.0 | 1.9 | 1.9 | 1.9 |  |  |  |  |  |  |     |     |      |
|                       | 4365 | 2.1 | 2.2 | 2.3 | 2.0 | 1.9 | 2.0 |  |  |  |  |  |  |     |     |      |
|                       | 4366 | 2.2 | 2.2 | 2.4 | 2.3 | 2.1 | 2.2 |  |  |  |  |  |  |     |     |      |
|                       | 4358 | 2.3 | 2.1 | 2.0 | 1.9 | 1.9 | 1.8 |  |  |  |  |  |  |     |     |      |
| <b>Total Coliform</b> | 4367 | 64  | 43  | 75  | 64  | 75  | 93  |  |  |  |  |  |  | 50  | 500 | 5000 |
|                       | 4359 | 75  | 64  | 93  | 75  | 64  | 75  |  |  |  |  |  |  |     |     |      |
|                       | 0014 | 64  | 43  | 43  | 39  | 43  | 75  |  |  |  |  |  |  |     |     |      |
|                       | 1218 | 93  | 64  | 43  | 43  | 64  | 75  |  |  |  |  |  |  |     |     |      |
|                       | 2370 | 93  | 75  | 64  | 43  | 75  | 93  |  |  |  |  |  |  |     |     |      |
|                       | 2371 | 120 | 93  | 93  | 64  | 93  | 120 |  |  |  |  |  |  |     |     |      |
|                       | 1219 | 120 | 93  | 75  | 93  | 120 | 150 |  |  |  |  |  |  |     |     |      |
|                       | 4365 | 93  | 120 | 120 | 93  | 120 | 150 |  |  |  |  |  |  |     |     |      |
|                       | 4366 | 210 | 150 | 150 | 120 | 150 | 210 |  |  |  |  |  |  |     |     |      |
|                       | 4358 | 93  | 75  | 64  | 43  | 75  | 120 |  |  |  |  |  |  |     |     |      |
| <b>Fecal Coliform</b> | 4367 | 4   | 4   | 4   | 3   | 3   | 4   |  |  |  |  |  |  | --- | 500 | ---  |
|                       | 4359 | 4   | 3   | 3   | 4   | 3   | 3   |  |  |  |  |  |  |     |     |      |
|                       | 0014 | 4   | 3   | 3   | <3  | 4   | 4   |  |  |  |  |  |  |     |     |      |
|                       | 1218 | 3   | 4   | 4   | 3   | 3   | 3   |  |  |  |  |  |  |     |     |      |
|                       | 2370 | 3   | 4   | 3   | 4   | 3   | 4   |  |  |  |  |  |  |     |     |      |
|                       | 2371 | 3   | 4   | 4   | 3   | 4   | 3   |  |  |  |  |  |  |     |     |      |
|                       | 1219 | 3   | 4   | 4   | 3   | 4   | 3   |  |  |  |  |  |  |     |     |      |
|                       | 4365 | 4   | 3   | 4   | 3   | 3   | 4   |  |  |  |  |  |  |     |     |      |
|                       | 4366 | 3   | 7   | 3   | 4   | 4   | 3   |  |  |  |  |  |  |     |     |      |
|                       | 4358 | 4   | 3   | 3   | 4   | 4   | 3   |  |  |  |  |  |  |     |     |      |

|                                                                                                                                                                                   |      |       |       |       |       |       |           |  |  |  |  |  |  |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-----------|--|--|--|--|--|--|----------|
| TDS                                                                                                                                                                               | 4367 | 220   | 288   | 420   | 352   | 348   | 384       |  |  |  |  |  |  | 500-2000 |
|                                                                                                                                                                                   | 4359 | 78    | 76    | 64    | 56    | 68    | 64        |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 0014 | 164   | 168   | 104   | 84    | 76    | 92        |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 1218 | 244   | 256   | 224   | 200   | 92    | 90        |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 2370 | 196   | 188   | 152   | 156   | 144   | 192       |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 2371 | 160   | 156   | 128   | 100   | 92    | 96        |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 1219 | 168   | 156   | 100   | 112   | 96    | 88        |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 4365 | 16872 | 20876 | 24344 | 25156 | 20236 | 1259<br>2 |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 4366 | 21336 | 26532 | 30752 | 31436 | 22524 | 1713<br>2 |  |  |  |  |  |  |          |
|                                                                                                                                                                                   | 4358 | 19224 | 28056 | 31428 | 33128 | 25436 | 2024<br>4 |  |  |  |  |  |  |          |
| <b>Note: (1)</b> All values are expressed in mg/L except pH & Total Coliform value. Total Coliform is expressed in MPN count / 100 ml.                                            |      |       |       |       |       |       |           |  |  |  |  |  |  |          |
| <b>Remarks:</b> High TDS values at Upstream, Downstream of Narasapuram & Near GMC Balayogi bridge, Govalanka could be attributed to the intrusion of backwaters of Bay of Bengal. |      |       |       |       |       |       |           |  |  |  |  |  |  |          |

## **2. River Krishna:**

Andhra Pradesh Pollution Control Board is monitoring water quality of river Krishna at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                                              |
|--------|------|-------------------------------------------------------------|
| 01     | 1175 | Sangameswaram, Kurnool Dist.                                |
| 02     | 3083 | Srisailam, Kurnool Dist.                                    |
| 03     | 4381 | After confluence with river Musi at Vadapalli, Guntur Dist. |
| 04     | 1786 | Vedadri, Krishna Dist.                                      |
| 05     | 1787 | Amaravathi, Guntur Dist.                                    |
| 06     | 0025 | Prakasham barrage, Vijayawada, Krishna Dist.                |
| 07     | 4375 | Pavitrasangamam at Ibrahimpatnam, Krishna Dist.             |
| 08     | 1782 | Hamsaladeevi, Krishna Dist.                                 |

| Parameters | Code | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul | Aug | Sep | Oct | Nov | Dec | *Standard |         |           |
|------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----------|---------|-----------|
|            |      |      |      |      |      |      |      |     |     |     |     |     |     | Class A   | Class B | Class C   |
| pH         | 1175 | 8.08 | 8.50 | 7.72 | 8.02 | 7.57 | 7.54 |     |     |     |     |     |     | 6.0 - 8.5 |         | 6.0 – 9.0 |
|            | 3083 | 7.75 | 8.04 | 8.26 | 7.72 | 8.14 | 7.63 |     |     |     |     |     |     |           |         |           |
|            | 4381 | 7.39 | 7.53 | 7.39 | 7.14 | 7.57 | 7.96 |     |     |     |     |     |     |           |         |           |
|            | 1786 | 7.83 | 7.40 | 7.34 | 7.48 | 8.2  | 7.86 |     |     |     |     |     |     |           |         |           |
|            | 1787 | 7.73 | 7.76 | 7.56 | 7.49 | 7.77 | 7.88 |     |     |     |     |     |     |           |         |           |
|            | 0025 | 7.71 | 7.80 | 7.54 | 7.66 | 8.05 | 7.56 |     |     |     |     |     |     |           |         |           |
|            | 4375 | 7.73 | 7.82 | 7.60 | 7.95 | 8.03 | 8.14 |     |     |     |     |     |     |           |         |           |
|            | 1782 | 7.72 | 7.80 | 7.70 | 7.87 | 7.58 | 7.48 |     |     |     |     |     |     |           |         |           |
| DO         | 1175 | 8.2  | 8.0  | 8.2  | 7.2  | 8.0  | 7.9  |     |     |     |     |     |     | 6.0       | 5.0     | 4.0       |
|            | 3083 | 6.5  | 7.4  | 7.9  | 8.1  | 6.1  | 8.2  |     |     |     |     |     |     |           |         |           |
|            | 4381 | 7.6  | 7.1  | 7.3  | 6.9  | 7.1  | 7.3  |     |     |     |     |     |     |           |         |           |
|            | 1786 | 7.2  | 7.1  | 6.9  | 6.8  | 6.9  | 7.1  |     |     |     |     |     |     |           |         |           |
|            | 1787 | 7.5  | 6.9  | 6.8  | 7.1  | 6.9  | 7.1  |     |     |     |     |     |     |           |         |           |
|            | 0025 | 7.4  | 7.1  | 7.2  | 7.4  | 7.1  | 7.4  |     |     |     |     |     |     |           |         |           |
|            | 4375 | 7.3  | 7.1  | 7.5  | 7.2  | 7.1  | 7.5  |     |     |     |     |     |     |           |         |           |
|            | 1782 | 6.1  | 6.3  | 6.5  | 6.3  | 6.2  | 6.4  |     |     |     |     |     |     |           |         |           |
| BOD        | 1175 | 2.2  | 2    | 1.4  | 2.2  | 2.4  | 2.2  |     |     |     |     |     |     | 2.0       | 3.0     | 3.0       |
|            | 3083 | 1.1  | 1.4  | 1.8  | 1.8  | 1.6  | 1.6  |     |     |     |     |     |     |           |         |           |
|            | 4381 | 2.8  | 2.9  | 2.6  | 2.7  | 2.8  | 2.6  |     |     |     |     |     |     |           |         |           |
|            | 1786 | 2.7  | 2.9  | 2.8  | 2.7  | 2.9  | 2.7  |     |     |     |     |     |     |           |         |           |
|            | 1787 | 2.5  | 2.8  | 2.7  | 2.4  | 2.8  | 2.4  |     |     |     |     |     |     |           |         |           |
|            | 0025 | 2.4  | 2.9  | 2.6  | 2.8  | 2.6  | 2.5  |     |     |     |     |     |     |           |         |           |
|            | 4375 | 2.9  | 2.8  | 2.4  | 2.6  | 2.8  | 2.4  |     |     |     |     |     |     |           |         |           |
|            | 1782 | 2.7  | 2.9  | 2.6  | 2.8  | 2.7  | 2.8  |     |     |     |     |     |     |           |         |           |

|                                                                                                                                                                     |      |       |       |       |       |       |       |  |  |  |  |  |  |            |     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|------------|-----|------|
| Total Coliform                                                                                                                                                      | 1175 | 170   | 163   | 214   | 435   | 816   | 770   |  |  |  |  |  |  | 50         | 500 | 5000 |
|                                                                                                                                                                     | 3083 | 155   | 144   | 220   | 205   | 1203  | 830   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4381 | 150   | 75    | 150   | 120   | 150   | 120   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1786 | 120   | 150   | 210   | 240   | 210   | 150   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1787 | 120   | 93    | 210   | 150   | 120   | 150   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 0025 | 150   | 75    | 150   | 120   | 150   | 120   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4375 | 93    | 71    | 64    | 75    | 93    | 120   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1782 | 75    | 64    | 75    | 63    | 75    | 93    |  |  |  |  |  |  |            |     |      |
| Fecal Coliform                                                                                                                                                      | 1175 | 71    | 58    | 30    | 93    | 140   | 132   |  |  |  |  |  |  | ---        | 500 | ---  |
|                                                                                                                                                                     | 3083 | 49    | 57    | 102   | 99    | 165   | 66    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4381 | 21    | 20    | 21    | 20    | 21    | 15    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1786 | 11    | 15    | 21    | 23    | 20    | 21    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1787 | 14    | 11    | 20    | 21    | 15    | 14    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 0025 | 15    | 11    | 14    | 20    | 21    | 20    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4375 | 7     | 9     | 11    | 14    | 21    | 15    |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1782 | 11    | 14    | 11    | 7     | 11    | 14    |  |  |  |  |  |  |            |     |      |
| TDS                                                                                                                                                                 | 1175 | 558   | 351   | 374   | 492   | 630   | 642   |  |  |  |  |  |  | 500 - 2000 |     |      |
|                                                                                                                                                                     | 3083 | 312   | 380   | 330   | 329   | 315   | 331   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4381 | 520   | 542   | 580   | 630   | 608   | 580   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1786 | 470   | 534   | 582   | 602   | 618   | 530   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1787 | 430   | 480   | 510   | 532   | 560   | 470   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 0025 | 520   | 546   | 520   | 552   | 564   | 510   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 4375 | 456   | 476   | 458   | 487   | 510   | 438   |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                                     | 1782 | 10890 | 11700 | 11420 | 12400 | 13720 | 12400 |  |  |  |  |  |  |            |     |      |
| <b>Note:</b> All values are expressed in mg/L except pH, Total Coliform value & Fecal Coliform. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml. |      |       |       |       |       |       |       |  |  |  |  |  |  |            |     |      |
| <b>Remarks:</b> High TDS values at Hamsaladeevi could be attributed to the intrusion of backwaters of Bay of Bengal.                                                |      |       |       |       |       |       |       |  |  |  |  |  |  |            |     |      |

### 3. River Tungabhadra:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Tungabhadra at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                                                                                                |
|--------|------|---------------------------------------------------------------------------------------------------------------|
| 01     | 1785 | Manthralayam, Kurnool Dist.                                                                                   |
| 02     | 1174 | Bhavapuram, Kurnool Dist.                                                                                     |
| 03     | 4388 | U/S of Kurnool town B/C with domestic sewage & A/c of Rayalaseema Alkalies Industries at Gondiparla, Kurnool. |
| 04     | 4389 | D/S of Kurnool town A/C with domestic sewage at Gondiparla, Kurnool.                                          |

| Parameters | Code | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul | Aug | Sep | Oct | Nov | Dec | *Standard |         |           |
|------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----------|---------|-----------|
|            |      |      |      |      |      |      |      |     |     |     |     |     |     | Class A   | Class B | Class C   |
| pH         | 1785 | 8.23 | 8.44 | 7.91 | 8.30 | 8.20 | 8.07 |     |     |     |     |     |     | 6.0 – 8.5 |         | 6.0 – 9.0 |
|            | 1174 | 8.15 | 8.46 | 8.25 | 8.40 | 8.08 | 8.44 |     |     |     |     |     |     |           |         |           |
|            | 4388 | 7.8  | 8.4  | 7.49 | 8.34 | 7.98 | 8.29 |     |     |     |     |     |     |           |         |           |
|            | 4389 | 7.55 | 8.22 | 7.35 | 8.0  | 8.31 | 8.21 |     |     |     |     |     |     |           |         |           |
| DO         | 1785 | 7.6  | 7.0  | 7.9  | 6.0  | 8.4  | 7.8  |     |     |     |     |     |     | 6.0       | 5.0     | 4.0       |
|            | 1174 | 7.8  | 7.6  | 6.8  | 8.0  | 6.7  | 7    |     |     |     |     |     |     |           |         |           |
|            | 4388 | 8    | 8.2  | 7.1  | 8.6  | 7.8  | 7.3  |     |     |     |     |     |     |           |         |           |
|            | 4389 | 7.9  | 7.5  | 7.1  | 5.7  | 8.1  | 7.4  |     |     |     |     |     |     |           |         |           |
| BOD        | 1785 | 1.4  | 2.1  | 2    | 2.2  | 1.9  | 2.0  |     |     |     |     |     |     | 2.0       | 3.0     | 3.0       |
|            | 1174 | 1.2  | 1.6  | 2.1  | 2.4  | 2.5  | 2.6  |     |     |     |     |     |     |           |         |           |
|            | 4388 | 1.8  | 2.1  | 2.8  | 2.3  | 2.8  | 2.0  |     |     |     |     |     |     |           |         |           |
|            | 4389 | 2.1  | 2.8  | 2.1  | 2.8  | 2.0  | 2.8  |     |     |     |     |     |     |           |         |           |

|                                                                                                                                                        |      |      |     |      |      |      |     |  |  |  |  |  |  |            |     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----|------|------|------|-----|--|--|--|--|--|--|------------|-----|------|
| Total Coliform                                                                                                                                         | 1785 | 180  | 251 | 108  | 308  | 1203 | 389 |  |  |  |  |  |  | 50         | 500 | 5000 |
|                                                                                                                                                        | 1174 | 134  | 142 | 284  | 575  | 770  | 629 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4388 | 190  | 214 | 206  | 687  | 1046 | 870 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4389 | 214  | 188 | 208  | 330  | 272  | 315 |  |  |  |  |  |  |            |     |      |
| Fecal Coliform                                                                                                                                         | 1785 | 78   | 103 | 4.1  | 96   | 239  | 28  |  |  |  |  |  |  | ---        | 500 | ---  |
|                                                                                                                                                        | 1174 | 40   | 44  | 127  | 214  | 172  | 116 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4388 | 74   | 77  | 97   | 186  | 200  | 167 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4389 | 91   | 79  | 10   | 98   | 79   | 71  |  |  |  |  |  |  |            |     |      |
| TDS                                                                                                                                                    | 1785 | 1085 | 937 | 771  | 620  | 1225 | 454 |  |  |  |  |  |  | 500 - 2000 |     |      |
|                                                                                                                                                        | 1174 | 802  | 931 | 1020 | 892  | 862  | 840 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4388 | 887  | 968 | 1260 | 1328 | 1189 | 856 |  |  |  |  |  |  |            |     |      |
|                                                                                                                                                        | 4389 | 738  | 876 | 974  | 1024 | 1022 | 849 |  |  |  |  |  |  |            |     |      |
| Note: All values are expressed in mg/L except pH, Total Coliform & Fecal coliform. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml. |      |      |     |      |      |      |     |  |  |  |  |  |  |            |     |      |

#### 4. River Nagavali:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Nagavali at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                               |
|--------|------|----------------------------------------------|
| 01     | 4351 | River Nagavali at Kureru, Vizianagaram Dist. |
| 02     | 1448 | Thotapally, Vizianagaram Dist.               |
| 03     | 4346 | River Nagavali U/S of Srikakulam town.       |
| 04     | 4347 | River Nagavali D/S of Srikakulam town.       |

| Parameters     | Code | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul | Aug | Sep | Oct | Nov | Dec | *Standard |           |         |
|----------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----------|-----------|---------|
|                |      |      |      |      |      |      |      |     |     |     |     |     |     | Class A   | Class B   | Class C |
| pH             | 4351 | 8.06 | 7.89 | 7.97 | 7.76 | 7.80 | 7.89 |     |     |     |     |     |     | 6.0 – 8.5 | 6.0 – 9.0 |         |
|                | 1448 | 8.14 | 7.99 | 7.74 | 7.65 | 8.21 | 7.21 |     |     |     |     |     |     |           |           |         |
|                | 4346 | 7.73 | 8.36 | 8.70 | 8.46 | 7.88 | 7.73 |     |     |     |     |     |     |           |           |         |
|                | 4347 | 7.62 | 8.32 | 8.24 | 8.44 | 7.71 | 7.31 |     |     |     |     |     |     |           |           |         |
| DO             | 4351 | 7.7  | 6.0  | 8.0  | 6.7  | 6.5  | 5.7  |     |     |     |     |     |     | 6.0       | 5.0       | 4.0     |
|                | 1448 | 7.5  | 6.2  | 7.8  | 7.5  | 7.7  | 7.8  |     |     |     |     |     |     |           |           |         |
|                | 4346 | 7.6  | 6.7  | 7.6  | 7.0  | 6.5  | 6.8  |     |     |     |     |     |     |           |           |         |
|                | 4347 | 7.5  | 6.5  | 7.8  | 7.5  | 7.8  | 7.0  |     |     |     |     |     |     |           |           |         |
| BOD            | 4351 | 2.3  | 2.0  | 1.9  | 1.8  | 1.7  | 2.2  |     |     |     |     |     |     | 2.0       | 3.0       | 3.0     |
|                | 1448 | 2.2  | 2.1  | 2.1  | 1.8  | 2.0  | 2.1  |     |     |     |     |     |     |           |           |         |
|                | 4346 | 2.3  | 2.0  | 2.1  | 1.9  | 1.8  | 2.0  |     |     |     |     |     |     |           |           |         |
|                | 4347 | 2.4  | 2.5  | 2.0  | 2.1  | 1.9  | 2.1  |     |     |     |     |     |     |           |           |         |
| Total Coliform | 4351 | 120  | 75   | 93   | 75   | 64   | 93   |     |     |     |     |     |     | 50        | 500       | 5000    |
|                | 1448 | 93   | 64   | 75   | 64   | 93   | 75   |     |     |     |     |     |     |           |           |         |
|                | 4346 | 93   | 75   | 75   | 64   | 75   | 93   |     |     |     |     |     |     |           |           |         |
|                | 4347 | 120  | 93   | 93   | 75   | 93   | 120  |     |     |     |     |     |     |           |           |         |
| Fecal Coliform | 4351 | 3    | 4    | 4    | 3    | 4    | 3    |     |     |     |     |     |     | ----      | 500       | ----    |
|                | 1448 | 3    | <3   | 3    | <3   | 3    | 4    |     |     |     |     |     |     |           |           |         |
|                | 4346 | 3    | 4    | 4    | 3    | 3    | 4    |     |     |     |     |     |     |           |           |         |
|                | 4347 | 4    | 3    | 3    | 4    | 4    | 3    |     |     |     |     |     |     |           |           |         |
| TDS            | 4351 | 204  | 268  | 368  | 372  | 316  | 160  |     |     |     |     |     |     | 500-2000  |           |         |
|                | 1448 | 232  | 244  | 296  | 310  | 228  | 204  |     |     |     |     |     |     |           |           |         |
|                | 4346 | 256  | 268  | 288  | 276  | 264  | 220  |     |     |     |     |     |     |           |           |         |
|                | 4347 | 270  | 312  | 596  | 312  | 272  | 260  |     |     |     |     |     |     |           |           |         |

**Note:** All values are expressed in mg/L except pH, Total Coliform value & Fecal Coliform. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml.

## 5. River Kundu:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Kundu at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point            |
|--------|------|---------------------------|
| 1      | 2351 | At Nandyal, Kurnool Dist. |

| Parameters                                                                                                                                             | Jan  | Feb  | Mar  | Apr   | May   | Jun   | Jul | Aug | Sep | Oct | Nov | Dec | *Standard  |         |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------|-------|-------|-----|-----|-----|-----|-----|-----|------------|---------|-----------|
|                                                                                                                                                        |      |      |      |       |       |       |     |     |     |     |     |     | Class A    | Class B | Class C   |
| pH                                                                                                                                                     | 7.82 | 7.47 | 7.34 | Dried | Dried | Dried |     |     |     |     |     |     | 6.0 – 8.5  |         | 6.0 – 9.0 |
| DO                                                                                                                                                     | 7.7  | 7.9  | 6.8  | Dried | Dried | Dried |     |     |     |     |     |     | 6.0        | 5.0     | 4.0       |
| BOD                                                                                                                                                    | 2.3  | 2.8  | 2    | Dried | Dried | Dried |     |     |     |     |     |     | 2.0        | 3.0     | 3.0       |
| Total Coliform                                                                                                                                         | 173  | 214  | 284  | Dried | Dried | Dried |     |     |     |     |     |     | 50         | 500     | 5000      |
| Fecal Coliform                                                                                                                                         | 94   | 91   | 85   | Dried | Dried | Dried |     |     |     |     |     |     | ---        | 500     | ---       |
| TDS                                                                                                                                                    | 487  | 519  | 635  | Dried | Dried | Dried |     |     |     |     |     |     | 500 - 2000 |         |           |
| Note: All values are expressed in mg/L except pH, Total Coliform & Fecal Coliform. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml. |      |      |      |       |       |       |     |     |     |     |     |     |            |         |           |

**CPCB identified three (3 No's) new rivers based on BOD value during year 2019 & 2021 (BOD > 3mg/L)  
In Andhra Pradesh identified following polluted river stretches.**

| S NO | ANDHRA PRADESH STATE                        | RIVER NAME | NWMP STN CODE | LOCATION                                                                                       | MAX BOD OBSERVED (mg/L) |
|------|---------------------------------------------|------------|---------------|------------------------------------------------------------------------------------------------|-------------------------|
| 1    | Priority IV (BOD between 6.1 and 10.0 mg/L) | GOSTANI    | 4372          | RIVER GOSTANI SAMPLE BEFORE CONFLUENCE WITH M/S DELTA PAPER MILL EFFLUENTS, VENDRA, PALAKODERU | 8.6                     |
| 2    | Priority V (BOD between 3.1 and 6.0 mg/L)   | UPPUTERU   | 4379          | RIVER UPPUTERU BEFORE CONFLUENCE WITH SEA, AT CHINAGOLLAPALEM VILLAGE, KRUTHIVENNU (M)         | 3.4                     |
| 3    | Priority I (BOD more than 30.0 mg/L)        | VASISHTA   | 4365          | RIVER VASISHTA (GODAVARI) UPSTREAM OF NARASAPURAM TOWN BEFORE CONFLUENCE OF TOWN SEWAGE        | 5.9                     |
| 4    |                                             |            | 4366          | RIVER VASISHTA (GODAVARI) DOWNSTREAM OF NARASAPURAM TOWN AFTER CONFLUENCE OF TOWN SEWAGE       | 58.0                    |

## 6. River Gostani:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Gostani at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                                                                                  |
|--------|------|-------------------------------------------------------------------------------------------------|
| 1      | 4372 | River Gostani Sample before confluence with M/s Delta Paper Mill Effluents, Vendra, Palakoderu. |

| Parameters                                                                                                                                                                                            | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul | Aug | Sep | Oct | Nov | Dec | *Standard  |         |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|------------|---------|-----------|
|                                                                                                                                                                                                       |      |      |      |      |      |      |     |     |     |     |     |     | Class A    | Class B | Class C   |
| pH                                                                                                                                                                                                    | 7.92 | 7.77 | 7.41 | 6.99 | 7.0  | 7.41 |     |     |     |     |     |     | 6.0 – 8.5  |         | 6.0 – 9.0 |
| DO                                                                                                                                                                                                    | 2.8  | 3.5  | 1.5  | 2.0  | 2.2  | 1.8  |     |     |     |     |     |     | 6.0        | 5.0     | 4.0       |
| BOD                                                                                                                                                                                                   | 3.6  | 3.8  | 4.0  | 3.8  | 3.6  | 3.8  |     |     |     |     |     |     | 2.0        | 3.0     | 3.0       |
| Total Coliform                                                                                                                                                                                        | 64   | 93   | 93   | 75   | 93   | 150  |     |     |     |     |     |     | 50         | 500     | 5000      |
| Fecal Coliform                                                                                                                                                                                        | 4    | 3    | 3    | 4    | 4    | 3    |     |     |     |     |     |     | ---        | 500     | ---       |
| TDS                                                                                                                                                                                                   | 768  | 1420 | 1688 | 1192 | 1224 | 3480 |     |     |     |     |     |     | 500 - 2000 |         |           |
| <b>Note:</b> All values are expressed in mg/L except pH, Total Coliform & Fecal Coliform value. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml.                                   |      |      |      |      |      |      |     |     |     |     |     |     |            |         |           |
| <b>Remarks:</b> Deviations observed in Bio-chemical Oxygen Demand parameter against the prescribed water quality criteria requirements.                                                               |      |      |      |      |      |      |     |     |     |     |     |     |            |         |           |
| <b>Remarks:</b> High TDS values River Gostani Sample before confluence with M/s Delta Paper Mill Effluents at Vendra, Palakoderu could be attributed to the intrusion of backwaters of Bay of Bengal. |      |      |      |      |      |      |     |     |     |     |     |     |            |         |           |

## 7. River Upputeru:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Upputeru at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                                                                    |
|--------|------|-----------------------------------------------------------------------------------|
| 1      | 4379 | River Upputeru before confluence with Sea at Chinnagollapalem (V), Kruthivenu (M) |

| Parameters            | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul | Aug | Sep | Oct | Nov | Dec | *Standard  |         |           |
|-----------------------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|------------|---------|-----------|
|                       |       |       |       |       |       |       |     |     |     |     |     |     | Class A    | Class B | Class C   |
| <b>pH</b>             | 7.80  | 7.93  | 7.51  | 7.63  | 7.50  | 7.84  |     |     |     |     |     |     | 6.0 – 8.5  |         | 6.0 – 9.0 |
| <b>DO</b>             | 6.4   | 6.1   | 6.4   | 5.9   | 6.3   | 6.1   |     |     |     |     |     |     | 6.0        | 5.0     | 4.0       |
| <b>BOD</b>            | 2.7   | 2.8   | 2.9   | 2.8   | 2.7   | 2.5   |     |     |     |     |     |     | 2.0        | 3.0     | 3.0       |
| <b>Total Coliform</b> | 64    | 93    | 120   | 93    | 75    | 150   |     |     |     |     |     |     | 50         | 500     | 5000      |
| <b>Fecal Coliform</b> | 9     | 7     | 15    | 11    | 14    | 28    |     |     |     |     |     |     | ---        | 500     | ---       |
| <b>TDS</b>            | 26900 | 28990 | 35300 | 34500 | 33500 | 32280 |     |     |     |     |     |     | 500 - 2000 |         |           |

**Note:** All values are expressed in mg/L except pH, Total Coliform & Fecal Coliform value. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml.

**Remarks:** High TDS values at River Upputeru before confluence with Sea at Chinnagollapalem (V), Kruthivenu (M) could be attributed to the intrusion of backwaters of Bay of Bengal.

## 8. River Vasishta:

Andhra Pradesh Pollution Control Board is monitoring water quality of river Vasishta at the following locations. Data pertaining to important parameters like, pH, Dissolved Oxygen, BOD, Total Coliform, Fecal Coliform and TDS for the year, 2025 is as follows:

| S. No. | Code | Location point                                                                        |
|--------|------|---------------------------------------------------------------------------------------|
| 1      | 4365 | Upstream of Narasapuram town before confluence with sewage, West Godavari Dist.       |
| 2      | 4366 | Downstream of Narasapuram town after confluence with town sewage, West Godavari Dist. |

| Parameters     | Code | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul | Aug | Sep | Oct | Nov | Dec | *Standard |           |         |
|----------------|------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----------|-----------|---------|
|                |      |       |       |       |       |       |       |     |     |     |     |     |     | Class A   | Class B   | Class C |
| pH             | 4365 | 7.87  | 7.42  | 7.98  | 7.76  | 7.84  | 8.00  |     |     |     |     |     |     | 6.0 – 8.5 | 6.0 – 9.0 |         |
|                | 4366 | 7.76  | 7.32  | 7.74  | 7.60  | 7.74  | 8.14  |     |     |     |     |     |     |           |           |         |
| DO             | 4365 | 6.5   | 7.5   | 7.2   | 6.1   | 7.0   | 7.5   |     |     |     |     |     |     | 6.0       | 5.0       | 4.0     |
|                | 4366 | 6.7   | 6.3   | 6.2   | 6.2   | 7.5   | 7.0   |     |     |     |     |     |     |           |           |         |
| BOD            | 4365 | 2.1   | 2.2   | 2.3   | 2.0   | 1.9   | 2.0   |     |     |     |     |     |     | 2.0       | 3.0       | 3.0     |
|                | 4366 | 2.2   | 2.2   | 2.4   | 2.3   | 2.1   | 2.2   |     |     |     |     |     |     |           |           |         |
| Total Coliform | 4365 | 93    | 120   | 120   | 93    | 120   | 150   |     |     |     |     |     |     | 50        | 500       | 5000    |
|                | 4366 | 210   | 150   | 150   | 120   | 150   | 210   |     |     |     |     |     |     |           |           |         |
| Fecal Coliform | 4365 | 4     | 3     | 4     | 3     | 3     | 4     |     |     |     |     |     |     | ----      | 500       | ----    |
|                | 4366 | 3     | 7     | 3     | 4     | 4     | 3     |     |     |     |     |     |     |           |           |         |
| TDS            | 4365 | 16872 | 20876 | 24344 | 25156 | 20236 | 12592 |     |     |     |     |     |     | 500-2000  |           |         |
|                | 4366 | 21336 | 26532 | 30752 | 31436 | 22524 | 17132 |     |     |     |     |     |     |           |           |         |

**Note:** All values are expressed in mg/L except pH, Total Coliform & Fecal Coliform. Total Coliform & Fecal Coliform is expressed in MPN count / 100 ml.

**Remarks:** High TDS values Upstream before & Downstream after confluence at Narasapuram Town could be attributed to the intrusion of backwaters of Bay of Bengal.

**CPCB Water Quality Criteria for Designated Best Use**

| Designated-best- use                                                         | Class of water   | Criteria                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drinking Water Source without conventional treatment but after disinfection. | <b>A</b>         | <ul style="list-style-type: none"> <li>• Total Coli forms Organism MPN/100 ml shall be 50 or less.</li> <li>• pH between 6.5 and 8.5</li> <li>• Dissolved oxygen 6 mg/l or more.</li> <li>• Biochemical Oxygen Demand 5 days 20°C 2mg/l or less.</li> </ul>  |
| Outdoor bathing (Organized)                                                  | <b>B</b>         | <ul style="list-style-type: none"> <li>• Total Coli forms Organism MPN/100 ml shall be 500 or less.</li> <li>• pH between 6.5 and 8.5</li> <li>• Dissolved oxygen 5 mg/l or more.</li> <li>• Biochemical Oxygen Demand 5 days 20°C 3mg/l or less.</li> </ul> |
| Drinking Water Source after conventional treatment and disinfection.         | <b>C</b>         | <ul style="list-style-type: none"> <li>• Total Coli forms Organism MPN/100 ml shall be 5000 or less.</li> <li>• pH between 6 to 9</li> <li>• Dissolved oxygen 4 mg/l or more.</li> <li>• Biochemical Oxygen Demand 5 days 20°C 3mg/l or less</li> </ul>      |
| Propagation of Wild life and Fisheries.                                      | <b>D</b>         | <ul style="list-style-type: none"> <li>• pH between 6.5 to 8.5</li> <li>• Dissolved oxygen 4 mg/l or more.</li> <li>• Free Ammonia (as N) 1.2 mg/l or less</li> <li>• pH 9 between 6.0 to 8.5.</li> </ul>                                                    |
| Irrigation, Industrial Cooling, Controlled Waste Disposal.                   | <b>E</b>         | <ul style="list-style-type: none"> <li>• Electrical Conductivity at 25°C micro mhos/cm Max. 2250.</li> <li>• Sodium Absorption ratio Max. 26</li> <li>• Boron Max.2 mg/l.</li> </ul>                                                                         |
|                                                                              | <b>Below - E</b> | Not Meeting A, B, C, D & E Criteria.                                                                                                                                                                                                                         |