

National Mission for Clean Ganga

Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

For the State of Telangana for the months of January – June 2024

Overall status of the State:

- I. Total Population: Urban Population & Rural Population separately : 3.9 crores
- II. Estimated Sewage Generation (MLD) : 2750
- III. **Details of Sewage Treatment Plants(STPs):**
 - Existing no. of STPs and Treatment Capacity (in MLD) : 50 Nos (1273.1MLD)
34 nos. (1105.3 MLD) with in GHMC under Priority- I&II + 16 nos. (167.80 MLD) other ULBs
 - 165.5 MLD under trial run
 - MLD of sewage being treated through Alternate technology: Nil
 - Gap in Treatment Capacity : 1476.9 MLD
 - No. of Operational STPs : 50 Nos. (4 in trial run)
 - No. of Complying STPs : 44 Nos. (6 STPs commenced recently and need to be evaluated)
 - No. of Non-complying STPs : Nil

Details of each existing STP in the State: Details are placed at **Annex-I**

Details of under construction STPs 27 STPs (1105.46 MLD) in the State and complete details are placed as Annex-II and the gist of which is as follows:

- **Polluted River Stretches** under Priority-I and II: Works continuing for construction of the STPs in HAM model for 18 STPs (926.5 MLD).
- **Other than Polluted River Stretches:** 9 STPs with a capacity of 178.96 MLD are under different stages.

Details of proposed STPs in the State: Total 141 STPs with a capacity of 965.8 MLD details are placed at **Annex-III.**

- 10 STPs with a capacity of 340.5 MLD (by HMWSSB) under Priority-II stretch through HAM mode is in the process of administrative sanction.

I. **Details of STPs proposed in the State (Outside ORR limits) under Polluted River Stretches:**

- Total 131 No. of STP's of capacity 625.3 MLD in 110 ULB's are proposed to be taken up by the PH&ME Department. The details of the proposals are placed at

IV. **Details of Industrial Pollution:**

a. **State details**

- **No. of industries in the State:** 10655 Nos. (Including Red, Orange, Green & White)
- **No. of water polluting industries in the State:** 2193 Nos.
- **Quantity of effluent generated from the industries in MLD:** 603 MLD

- **Number of industrial units having ETPs:** 1519 (including 172 ZLD)
- **Number of industrial units connected to CETP:** 674 Industries with 7.0 MLD
- **Number and total capacity of ETPs (details of existing/ under construction / proposed):** 1519 (including 172 ZLD) with capacity 602.35MLD.
- **Quantity of Hazardous Sludge generated from the Industries in TPA based on annual report:** 3,56,280 TPA
- **Compliance status of the ETPs:** Compliance status of the ETPs (January to April 2024): 16 industries were given directions. The details of the Industries are placed as **Annex-IV**
- **Number and total capacity of CETPs (details of existing / under construction / proposed):**
 - **Details of existing CETPs:** Total 7 nos. details placed as **Annex-V**
 - 4 Nos under operation with capacity 7.0 MLD and complying standards
 - 2 issued with closure directions for non-compliance
 - 1 not in operation due to business reasons
 - 1 No with capacity 480 KLD is completed and trial run under progress.

b) Details of the industries in PRS

- No. of water polluting industries in the PRS: 773 Nos
- Quantity of effluent generated from the industries in MLD: 356.48 MLD
- Quantity of Hazardous Sludge generated from the Industries in TPD based on annual report: 1,12,451 TPA
- Number of industrial units having ETPs: 358 (including 172 ZLD)
- Number of industrial units connected to CETP: 415 Industries with 7.0 MLD
- Number and total capacity of ETPs (details of existing/ under construction / proposed): 358 (including 172 ZLD) with capacity 351.12 MLD.

V. Solid Waste Management:

- a. Total number of ULBs and their population: 142 (including GHMC).
- b. Current Municipal Solid Waste Generation in ULBs: 11,567 TPD (GHMC-6941 TPD and remaining 4316 TPD by the 141 ULBs).
- c. Municipal Solid Waste Management in the rural bodies of PRS is placed as **Annex-VII**
- d. Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc:

Details of the facilities existing in the ULBs

- e. The **Greater Hyderabad Municipal Corporation (GHMC)** has an Integrated MSW facility with a capacity of 7000TPD capacity in operation at Sy.No.173, Jawahar Nagar, Medchal-Malkajigiri. The capacities of different facilities are as follows:

S.No.		ITEM	COMPLIANCE
1		Numbers of ULBs	142
2		Over all waste management status	
	a	Quantity of MSW generated (TPD)	11567
	b	Quantity of MSW Collected (TPD)	11567
	c	Quantity of MSW segregated & transported (TPD)	Segregated at source: 6941 (GHMC: 4568, other ULBs: 2373). Waste Transported: 11567 (GHMC:7251, other ULBs: 4,316)
	d	Quantity of MSW processed (TPD)	9286 (GHMC:7251, other ULBs: 2035)
	e	Quantity of MSW disposed in secured land fill site (TPD)	1285 (GHMC:1285, other ULBs: 0)
	f	Gap in Solid waste Management (TPD) [2(a)-2(d)]	2281 TPD (GHMC:0, other ULBs: 2,356)
3		Waste Collection	
A		Door-to-door collection is implemented	142 ULBs
B		% of Segregation of waste implemented	59% (GHMC: 63%, other ULBs: 53%)
C		Transportation of segregation of waste is implemented	142
4		Waste Processing	
A		Waste Processing Facility	
	(i)	Total Capacity (TPD)	10035 (GHMC:8,000, other ULBs: 2035)
	(ii)	Number (DRCC)	232 (GHMC:24, other ULBs: 208)
	(iii)	Number of ULBs Covered	142
B		Recycling	
	(i)	Total Capacity (TPD)	20.8 (GHMC:20, other ULBs: 0.80)
	(ii)	Number	3 (GHMC: 20TPD capacity of Plastic to plastic covers and granules; Suryapet: 0.20 TPD capacity of Plastic to bricks / tiles; Siddipet: 0.60 TPD capacity Plastic to tiles)
	(iii)	Number of ULBs Covered	3
C		Composting	
	(i)	Total Capacity (TPD)	5,120 (GHMC:4,000, other ULBs:1,120)
	(ii)	Number	230
	(iii)	Number of ULBs Covered	142
D		Bio-methanation	
	(i)	Total Capacity (TPD)	18.5 (GHMC:5, other ULBs:13.5)
	(ii)	Number	4 (GHMC:5; GWMC:2.5; Siddipet:10; Sircilla:1)

S.No.		ITEM	COMPLIANCE
	(iii)	Number of ULBs Covered	4
E		RDF	
	(i)	Total Capacity (TPD)	4000
	(ii)	Number	01
	(iii)	Number of ULBs Covered	1
F		Waste to Energy Plants	
	(i)	Total Capacity (TPD)	a. Established one WtE plant (24 MW) at Jawaharnagar @14.5 MW WTE at Dundigal are in operation. b. 24MW WTE at Jawaharnagar by December, 2024.
	(ii)	Number	2
	(iii)	Number of ULBs Covered	1
5		Waste Disposal	
A		Landfill	
	(i)	Total Capacity (TPD)	1430 (in GHMC)
	(ii)	Number	1
6		Legacy Waste Management	
	a	Number of Dumpsites	120 (including 2 in GHMC)
	b	Quantity of Waste dumped at dumpsites (Tons)	38.46 Lakh Metric Tons (GHMC:1,20,00,000 at Jawaharnagar capped and 1,00,000 at Fatullaguda bio-mined; other ULBs: 38.46 Lakh Metric Tons)
	c	Number of Dumpsites Cleared	4 ULBs (GHMC: Jawharnagar & Fatullaguda) & other ULBs (Jalpally & Zaheerabad) In other ULBs 4,62,398 MTs of waste processed.

Details of Bio-mining:

Out of 141 ULBs, biomining is being taken up in 123 ULBs with a legacy waste of 38.46 Lakh MTs. Out of the 123 ULBs, bio-mining in 05 ULBs i.e, Karimnagar, GWMC, Ameenpur, Suryapet and Mahabubnagar is being taken up at ULB level and for 118 ULBs, all 118ULBs are grouped into 9 clusters and work is being executed by the concessionaries and remaining 18 ULBs there is no legacy waste (Annex-VIII(A))

List of 18 ULBs where no legacy waste:-

Manikonda, Badangpet, Meerpet, Turkyamjal, Narsingi, BandlagudaJagir, Amangal, Kothur, Kompally, Medchal, Jawaharnagar, Dhammaiguda, Nakrekal, Shamshabad, Shankerpally, Boduppal, Peerzadiguda, and Gundlapochampally.

1. Engagement of agencies for bio-mining:

The C&DMATelangana has floated tender on Dec 2021 and awarded LOAs for 118 ULBs of both the regions in Telangana on 25th March 2022 to 06 concessionaires.

All 118 ULBs are grouped into 9 clusters and are divided into 2 regions i.e., Warangal region Multizone-1 comprising 59 ULBs & Hyderabad region Multizone-2 comprising 59 ULBs.Summary of clusters concessionaire wise:-

Sl No:	Name of the Cluster	Name of the Concessionaires	Total ULB's
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1	Cluster 1	M/S Sagar Motors Ltd	13 ULB'S
2	Cluster 2	M/S Harshitha Infra Engg.	11 ULB'S
3	Cluster-3	M/S Cube Bio Energy Pvt Ltd	06 ULB'S
4	Cluster-4	M/S Cube Bio EnergyPvt Ltd	12 ULB'S
5	Cluster-5	M/S SDS technologies	18 ULB'S
6	Cluster-6	M/S Annapurna Construction	14 ULB'S
7	Cluster-7	M/S Cube Bio EnergyPvt Ltd	10 ULB'S
8	Cluster 8	M/S Sagar Motors Ltd	14 ULB'S
9	Cluster-9	M/S ShruthiContechPvt Ltd	20 ULB'S
Total ULB'S in MZ-I & MZ-II:			118 ULB'S

2. Effective monitoring through engagement of Independent Engineer:-

- CDMA has floated tenders for IAA cum PMU for supervision and monitoring of remediation and reclamation of existing dumpsites through biomining for cluster of ULBs in Multi Zone 1 & 2, Telangana on 23-08-2022.
- The tender has been finalized and a Letter of Award was issued on 07-11-2022.
- IE has developed a web application i.e, an E-Municipal portal for easy monitoring of bioremediation and biomining of legacy waste.
- Following are the details of IE Zone 1 and Zone 2

Zone	Nos of ULBs
Zone- 1-Warangal region	59 ULBs
Zone- 2-Hyderabad region	59 ULBs

3. Quantification of legacy waste during work order:-

In November 2022, the engagement of Independent Engineers, a detailed drone/ DGPS/ Total Station survey for all sites was conducted and the exact quantities lying at the dumpsites is arrived at **38.46 lakh MTs**. Hence, 38.46 lakh MTs of legacy waste is considered for biomining.

5. Budget Provisions:-

- The MoHUA, Gol vide F.No.1/1/2022-SBM-I(Computer No.9121894), Dt.18.02.2022 has approved the project proposal for bio-mining of legacy waste in 123 ULBs of Qty 32.47 lakh MT at the cost of Rs 178.60 Cr with central share of Rs 69.09 Cr and state share if Rs. 109.51 Crs under SBM 2.0 and for remaining Qty 5.99 lakh MT is taken under smart city funds/ULB funds.
- Accordingly, the MoHUA has released Rs. 27.63 Cr towards 1st Installment on dt.18/02/2022 and state Govt have released an amount of Rs.18.34 Crs towards state matching share on dt.07/02/2023 under SBM 2.0.

6. Status of Biomining:-

SI No	Status of Bio mining	Processing status in ULBs	Qty of Waste in Lakh MT
1	No of ULBs with Zero Legacy waste	18	0
2	Total Process Completed	12	1.82
3	Stage 1: Spraying of Inoculum bacteria	41	7.26
4	Stage 2: Windrow Formation	46	8.31
5	Stage 3: Screening of waste	13	19.30
6	Retendered	11	1.77
Total No of ULBs		141	38.46

Stage 1: Spraying of Inoculum bacteria

All biodegradable waste, like discarded food, fruit, flower, and garden waste, needs air to decompose it in an odourless way without producing leachate by adding Inoculum bacteria. bio-cultures speeds up decomposition and rapidly creates biological heat within the waste that helps to dry it out and reduce its volume by 35-40%. This happens through loss of moisture and by decomposition of some of the aerated waste to carbon dioxide and water vapour.

Stage 2: Windrow Formation

legacy waste is loose and make windrows so as the leachate can be dried of through solar exposure and all the entrapped methane is removed from the heap, and makes the waste dry enough for screening.

Stage 3: Screening of waste

Screen the stabilized waste in a rotary screen or gravity screens of different size openings, this process will separate waste into different categories like bio solids, RDF, recyclable material, C&D and Inerts.

Action plan for bio mining:-

(Qty in lakh MT)								
S. No.	Action	April 2024	June 2024	Septemb er 2024	Decem ber 2024	March 2025	June 2025	Total
1	Bio mining to be Completed ULBs	12 (complete d)	45	50	10	4	2	123
2	Qty of waste remediated in completed and ongoing sites	7.90	12.00	11.71	4.45	1.52	0.88	38.46
3	Cumulative Quantity	7.90	19.90	31.61	36.06	37.58	38.46	-

- Zero legacy waste in 18 ULBs viz., Shamshabad, Shankerpally, Boduppall, Peerzadiguda, Gundlapochampally, Manikonda, Badangpet, Meerpet, Turkayamjal, Narsingi, Bandlaguda Jagir, Amangal, Kothur, Kompally, Medchal, Jawaharnagar, Dhammaiguda, Nakrekal.
- Remediation of legacy waste has been completed in 12 ULBs viz., Bhongir, Jalpally, Naraynapet, Medak, Zaheerabad, Ameenpur, Pocharam, Nizampet, Dharmपुर, Bheemgal, Yellareddy and Cherial.
- Stage 1: Spraying of Inoculum bacteria is in progress in 41ULBs viz.,Dornakal, Thorrur, Maripeda, Manuguru, Wyra, Madhira, Sattupalli, Jadcherla, Bhoothpur, Vemulawada, Jammikunta, Choppandandi, Kothapally, Huzurabad, Raikal, Korutla, Metpally, Parkal, Narsampet, Wardanapet, Khanapur, Bhainsa, Nirmal, Armoor, Banswada, Manthani, Ramagundam, Sulthanabad, Bhupallapally, Mandamarri, Mancheria, Kyathanpally, Bellampally, Naspur, Chennur, Luxettipet, Husnabad, Dubbaka, Ramayampet, Narsapur, Thooprana
- Stage 2: Windrow Formation is in progress in 46 ULBs viz.,Choutuppall, Pochampally, Alair, Yadagirigutta, Mothukur, Ghatkesar, Nagaram, Ibrahimpatnam, PeddaAmberpet, Shadnagar, Thukkuguda, Adibatla, Mahabubabad, Yellandu, Palwancha, Kothagudem, Kosgi, Makthal , Atmakur, Amarchintha, Wanaparthi, Pebbair, kothakota, Kalwakurthy, Kollapur, Atchampet, Nagarkurnool, Waddepalle, Gadwal, Leeja, Alampur, Bodhan, Kamareddy, Peddapalli, Kagaznagar, Gajwel, SangaReddy, Sadasivapet, Naryanakhed, Andole Jogipet, Tellapur, Bollaram, Vikarabad, Tandur, Parigi, Kodangal

- Stage 3: Screening of waste is in progress in 13 ULBs viz., Jangaoan, Dundigal, Thumukunta, Khammam, Sircilla, Jagitial, Nizamabad, Adilabad, Siddipet, Karimnagar, GWMC, Suryapet, Mahabubnagar
- List of 11 ULBs that are under retendering process viz., Miryalguda, Nalgonda, Haliya, Nandikonda, Chandur, Chityal, Devarakonda, Tirumalgiri, Huzurnagar, Neredcherla, Kodad.

Status of By-Products

- **RDF:** RDF (Refused Derived Fuel) is being sent to cement factories periodically.
 - **Bio-Soil:** Bio-soil is used in Avenue plantations, gardening purposes, and filling up of low-lying areas.
 - **Inert:** Inert is being stockpiled in a designated place at the dump site, and later sent to a scientific landfill.
 - **C&D waste:** C&D waste is being sent to C&D plant for recycling process.
 - **Other waste:** Glass, Metal, Plastic, Cardboard, E-waste, etc. are sent to local scrap dealers.
- f. The details of facilities of the 141 ULBs is placed at **Annex-VI the summary of which is as follows:**
- A total of 856TPD is generated from 32 ULBs located within PRS (GHMC is in Musi stretch) and the waste processed is 343.05TPD. The details of which are placed as **Annex-VIII**

Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)

- Administrative sanction issued for establishing processing facility of 2961 TPD. Tender completed by CDMA/ULB. 7 agencies have been shortlisted for processing of fresh waste. LoAs for awarded clusters to bidders shall be issued by January, 2024.
- Initiated on-site composting across the state of Telangana for Bulk Waste generators and Individual Households.
- C&DMA vide Cir.Roc.No.178853/2021-H2, Dt.12.10.2021 have issued instructions along with action plan and timelines for 100% Source Segregation of waste in Phase wise manner i.e., 1st Phase-Source segregation in Commercial, Institutional and other bulk waste generators (22nd Oct to 30th Nov, 2021), 2nd Phase-Source Segregation in Organized Residential Colonies, RWAs and apartments (1st Nov to 30th Nov, 2021) and 3rd Phase-Source Segregation in Slums, unplanned colonies and other areas (18th Nov to 30th Dec, 2021)
- Enhancing capacities of DRCC to meet 100% Dry Waste handling within 6 months.

g. Construction and Demolition Waste: No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction):

IN GHMC:

- Collection & Transportation:
- 150 wards is divided among 04 collection areas for collection, transportation, processing & management of C&D waste.
 - Estimated quantity of waste collected: 800 TPD
 - C&D waste collected & transported: 1,43,673 MT
 - C&D waste processed: 85,610 MT
 - No. of vehicles engaged for C&T: 58
 - No. of instance recorded by Concessionaire/ Licensee for unauthorized dumping: 44

Recycling

- 03 Nos. of processing plants of 1500 TPD capacity are under operation at Jeedimetla, Fathullaguda and Thummukunta
- 01No. of processing plants are under approval/ Construction stage at Shamshabad.

In other ULBs:

1. Construction and Demolition (C&D) Waste (Building material and Debris waste):-

A total of 350 no. of C&D collection points are established in across all 141 ULBs to collect approx. of 506 tons of waste is generated across 141 ULBs. Due to rapid urbanization and various construction projects in the ULBs, this waste is been used in filling low lying areas. It was advised by GoI that C&D waste generated should be min of 50 TPD to establish a C&D waste processing facility and the waste generation in ULBs within the state is less than 50 TPD.

Hence, ULBs listed under National Clean Air Programme i.e., Nalgonda and Sangareddy and ULB with Pop> 5 lakh i.e., Warangal have been proposed to establish C&D waste processing facilities on cluster approach. ULBs within the distance of 50 km have been identified and clustered with these ULBs and C&D waste processing plants are proposed in these 3 ULBs as lead ULBs. For this, action plans for establishment of C&D waste processing facility worth Rs 15.3 Cr (with Central Share –5.49 Crs+ State Share -9.81 Crs) have been proposed to and approved by MoHUA under SBM 2.0.

Three clusters have been formed with Nalgonda (11 ULBs with a capacity of 100 Tonnes), Sangareddy (11 ULBs with a capacity of 50 Tonnes) and GWMC (16 ULBs with a capacity of 200 Tonnes) and RFP has been issued to engage agency for establishing C & D waste processing plants thrice due to no response form the bidders.

During the third call, one bidder has submitted the response and has been qualified the technical evaluation. The financial bid was opened during March 2023 and due to the model code of conduct, the LoA was not issued. The same will be issued by June2024 and agency shall be directed to establish the processing facilities within 3-4 months from the date of sign of agreement.

Bio-medical Waste Management:

- No. of Hospitals and Health Care Facilities: **9346 Nos**
- Total Bio-medical generation in the state: **25,306 Kg/day**
- Treatment capacity in the state: 77500KG/day (incineration capacity -44000kg/day, auto claving-33500kg/day)
- Status of Treatment Facility/ CBMWTF: **11 CBMWTFs and complying with standards.**

VI. Hazardous Waste Management:

- Total Hazardous Waste generation:

Recyclable Waste (TPA)	25956.80
Incinerable Waste (TPA)	6386.12
Utilisable waste (TPA)	221981.63
Landfillable Waste (TPA)	101955.58
Total:	356280.13

- No. of Industries generating Hazardous waste: **3179**
- Treatment Capacity of all TSDFs: **1 No of integrated commonTSDF with capacity 25 million tons for 25 years and Common incinerator of capacity 1.5 TPH.**
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: **1,15,000 TPA**
- Details of on-going or proposed TSDF: **Nil**

VII. Plastic Waste Management:

S.No.		Item	Quantity
1.	a	What is the quantity of plastic waste generated, (Annual Report form VI pt.2,6) (TPD)	1448 (1205 from GHMC & 243 from other ULBs)
2.	a	Number of registered plastic manufacturing units	320 (47-recyclers & 273-brand owners / producers)
	b	Capacity of registered plastic manufacturing units (TPD)	
3.	a	Total no. of ULBs	142
	b	Percentage of ULBs which have set-up of plastic waste management system as per Rule 6(2)? (including collection, segregation, Channelization & processing of plastic waste)	142 ULBs have waste segregation units, that segregate plastic waste from MSW.
	c	Percentage of ULBs having facilities for Collection of Segregated waste	142 ULBs have facilities for collection of segregated waste.
	d	Percentage of ULBs having Material Recovery facility	All 142 ULBs have provided 232 MRF (including 24 by GHMC) units.
4.	a	Total number of Gram Panchayat (GPs)	12,770
	b	Percentage of GPs which have setup of plastic waste management system as per Rule7?	All 12770 GPs (100 %) have completed construction of compost cum segregation shed.
	c	Percentage of GPs having facilities for Collection of Segregated waste	All 12770 GPs are having facilities like tricycles with partition for Collection of Segregated waste.
	d	Percentage of GPs having Material Recovery facility	12770 GPs (100 %) have completed construction of compost cum segregation shed.
5.	a	No. of registered Producers/brand owners/ importers as per Rules 9 & 13 of PWM Rules?	121
	b	Percentage of Producers/brand owners/ importers which have engaged with ULBs for	8 Nos
	c	Percentage of ULBs which have set up system for plastic waste management with assistance of producers been set —up? Rule (6(3))?	4 Nos
6	a	Number of registered plastic waste recyclers	52
	b	Capacity of recyclers (TPA)	136.08 TPD
7	a	Status of Utilization of plastic waste (Annual Report form VI pt.4)	Plastic waste collected through DRCCs, WMA and processing plant are channelized for recyclers.

S.No.		Item	Quantity
	b	Quantity of plastic Waste utilized in recycling (TPD)	218.51 TPD channelized for recycling during present Half year (Waste Management agencies 203 TPD+ DRCCs/ RRR centers of GHMC – 1.83 TPD + 13.68 TPD recycled at processing plant of GHMC at Jawaharnagar during present Half year
	c	Quantity of plastic waste utilized in recycling Road Construction	--
	d	Quantity of waste Co-processed in Plastic Waste in Cement kilns	8,475 tons (46 TPD) during present Half year.
	e	Quantity of waste utilized in production of RDF	One integrated solid waste management facility is located processing capacity of 8000 TPD at Jawaharnagar (V). Presently and generating 3899 TPD of RDF out of which 897 TPD of plastic is part of RDF.
	f	Quantity of plastic waste used in production of Waste to oil	92 TPD during this half year
	g	Quantity of plastic waste used in other purpose (please specify)	Present utilisation of Plastic waste in WtE plants as part of RDF – 313 TPD
8.	a	No. of Registered Compostable plastic unit	Three compostable plastic units located in the State
	b	Total Capacity of registered Compostable plastic unit	1800 TPA
9	a	No. of unregistered plastic manufacturing or recycling units (Annual Report format pt.7)	Nil
10	a	Whether local bodies have framed bye-laws [Rule 6(4)]?	Yes
11	a	Whether plastic carry bags & plastic sheet of thickness<120 micron banned or not [Rule 4(c)]?	Completely banned plastic carry bags & plastic sheet of thickness<120 micron in the state as per MoEF&CC notification.
12	a	Has complete ban on plastic carry bags been imposed (Annual Report format pt.3)	Plastic carry bags & plastic sheet of thickness<120 microns banned and implementing prohibition as per MoEF&CC notification from 12.08.2021.
13	a	Status of action taken on non-compliance of PWM Rules (Annual Report format pt.9)	Government vide G.O.Rt.No.40, EFS&T, Dept. Dt.01.7.2022 has issued notification & prohibition of certain single use plastic. During this half year, GHMC registered 03 instances for open burning of plastic waste and imposed penalty of Rs.30,100/- and registered 784 cases for using plastic carry bags below minimum prescribed thickness and levied a penalty of Rs.8,25,450/-
14	a	Status of marking & labelling on plastic carrybags & multi layered packaging (Rule 11)	Marking & labelling on plastic carry bags & multi layered packaging being enforced.
15	a	Whether State Level Advisory Committee is constituted or not?	Yes.

S.No.		Item	Quantity
		[Rule 16] If yes, details of number of meetings conducted in a year and implementation of suggestions of committee in the last two years.	No meeting conducted during this Half year.
16	a	Status of phasing out of manufacture and use of multi-layered plastic which is non-recyclable or non-energy recoverable or with no alternate use of plastic in two years time [Rule 9-3]	Directions issued to manufacturers for phasing out of manufacture and use of multi-layered plastic which is non-recyclable or non-energy recoverable or with no alternate use of plastic
17		NGT Directions (para 14 d) of 247/2017 order dated 06.12.2019	
	a	Has institutional mechanism as per para 14 d been established (Y/N)	Yes.
	b	Confirmation that no, unregistered plastic manufacturing/recycling unit is operated in the State/UT (Y/N)	Yes
	c	Conformation that no plastic carry bags/films <75 microns thickness is manufactured, stocked, sold and used in cities/towns of State/UT (Y/N)	Yes
	d	Confirmation that thermocol/polystyrene cups, plates, etc are not used extensively and are not haphazardly littered (Y/N)	Yes
	e	Confirmation that has Special Environmental Squad been set up for enforcement to oversee and ensure that no litter of plastic waste takes place at historical, religious, public places.	Special Environmental Squad been set up for enforcement to oversee and ensure that no litter of plastic waste takes place at historical, religious, public places in each ULBs and penalties are being levied on defaulters.
	f	Confirmation that no dumping of plastic waste on drains river bank and on burning of plastics in open take place in State/UT (Y/N)	Yes. Penalties has been imposed for violation of rules.

VIII. Details of Alternate Treatment Technology being adopted by the State/UT:

i) Faecal Sludge Septage Management(FSSM) as interim measure:

- The peripheral areas beyond GHMC and within ORR has partial sewerage network. The septage from the septic tanks of individual households and communities are cleaned/emptied periodically and conveyed to nearest FSTP / Co-Treatment at existing STPs through septic tank cleaning vehicles and treated in scientific manner as a part of Faecal Sludge Septage Management (FSSM).
- HMWSSB has empanelled 93 Septic Tank Cleaning Vehicle Operators for transportation of septage and safe disposal at co-treatment facilities at existing STPs. These operators are provided training for safe handling of septage and issued safety equipment. The de-sludging vehicles are fitted with GPS based vehicle tracking system to monitor their movements.

Existing facilities:

- v) **Co Treatment Facilities:** 7 nos with 70KLD facility in the a. Priority –I stretch (1. Amberpet, 2. Nallacheruvu, 3.Peddacheruvu, 4. Miralam, 5. Khajaguda 6. Nanakramguda and 7.Nagole)

vi) FSTPs:

One number with 40KLD capacity at Nalla Cheruvu in Priority-I stretch

39 FSTPs have been established on Priority stretch III-V with 940 KLD capacity. The details are Ileeja, Gadwal, Mahabubnagar, Narayanpet, Siddipet, Gajwel, Kamareddy, Nizamabad, Medchal, Boduppal, Shadnagar, Peerzadiguda, Meerpet, Badangpet, Dubbaka, Nalgonda, Bhongir, Suryapet, Jangaon, Ramagundam, Adilabad, Korutla, Nirmal, Jagityal, Metpally, Bhainsa, Khammam, Yellandu, Bhupalapally, *Adibhatla, Narsingi, Dundigal, Ghatkesar*, Wardannapet, Kothapally, Chennur, Kyathanpally, Khanapur, Luxettipet.

Under Construction:

- vii) **Co-Treatment Facilities:** 1 no with 10KLD facility in the Priority –I stretch at khajikunta

viii) Faecal Sludge Treatment facilities on Priority stretch III-V:

➤ Tenders have been invited in 68 ULBs with overall 495 KLD capacity with a project cost of Rs.177.00 Crs. Four Concessionaries are working in 7 different packages. All administrative approvals, LOAs, agreements and proceedings are completed. **64** Nos as detailed below:

Nagarkurnool, Kalwakurthy, Achampet, Kollapur, Wanaparthi, Husnabad, Banswada, Bodhan, Armoor, Sadashivpet, Tandur, Ibrahimpatnam, Miryalaguda, Kodada, Peddapalli, Vemulawada, Kaghaznagar, Bellampalli, Mandamarri, Karimnagar, Kothagudem, Manuguru, Palwancha, Jammikunta, Huzurabad, Parkal, Madhira, *Thumkunta, Jawaharnagar, Dhammaiguda, Gundlapochampally, Nagaram, Pocharam, Nizampet, Parigi, Atmakur, Amarchinta, Waddepalli, Bhootpur, Pebbair, Tellapur, Yellareddy, Narayankhed, Narsapur, Ramayanpet, Thooprana, Bollaram, Bandlaguda Jagir, Shamshabad, Turkayamjyal, Tukuguda, Amangal, Chandur, Haliya Nandikonda, Mothkur, Yadagirigutta, Choppadandi, Sulthanabad, Thorur, Marripeda, Wyr, Dornakal, Raikal.*

IX. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment: -

In-Situ remediation is proposed only in priority I&II and in priority III to V stretches it is not feasible as Flat terrain is not available, Steep slope gradient leading to high velocity and Flow of greater than 5 MLD

X. Details of Nodal Officer appointed by Chief Secretary in the State/UT: - Member Secretary, TSPCB

XI. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: -

- a. One meeting is conducted on 31st March, 2021 and the subsequent review of the progress is being monitored on file.

XII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: -

Water quality of the Rivers are placed at **Annex-IX**.

Ground water quality carried out in PRS are placed as **Annex-XII**.

XIII. Ground water regulation: -The WALTA Act has been adopted by the State of Telangana through G.O.Ms.No.18, Panchayat Raj and Rural Development (RD-II) Department, Government of Telangana dated 31.01.2015.

- Ground Water Department has identified (1358) Villages as Over exploited, considering Ground Water Estimation Resources assessment for the base year 2012-13. The same number of villages are notified by Authority i.e. Telangana State WALTA authority through G.O.Ms.No.114. Panchayat Raj and Rural Development (RD-I) Department dated 25.10.2018
- As per TSWALTA ACT no extraction of Groundwater is permitted in Over Exploited villages for agriculture and Industrial except for drinking purpose

XIV. Good irrigation practices being adopted by the State: -Annexure-X

XV. Rain Water Harvesting: -

The Government of Telangana is implementing the policy of construction of the RWH structure where construction is more than 200 Sq.mtrs.

- The details of the RWH structures in Urban Local Bodies are enclosed as **Annex-XI**
- The details of the RWH structures at Rural places is enclosed as **Annex-XI**

XVI. Demarcation of Floodplain and removal of illegal encroachments: -

Government of Telangana constituted a committee to collect the data of past history of flooding and mitigation measures taken and for identification of new areas of flood mitigation. The relevant SI sheets of 1 in 50,000 scale for all the river stretches have been

collected. The HFL Contours corresponding to the maximum flood in the river have been marked on the above SI sheets as per site enquiry and past history.

- Further The Government has created Musi Riverfront Development Corporation Limited vide GO Ms. No. 90 of MA&UD Dept., dated: 25.03.2017, to act as Nodal Agency for preparation and execution of Comprehensive Plan for Abatement of pollution of Musi River and Riverfront Development.
- Musi River Development Corporation Limited(MRDCL) has conducted Drone survey to generate Digital Elevation Mode (DEM) with 1mtr interval with Hydro flattened barrier & Digital Surface Mode (DSM), High-Definition Video from captured images, Topographic survey drawing including contours at 0.5mtrs interval, Digital Ortho Photos of 5cms GSD, 3- Dimensional Photo Realistic Model etc., from Osman Sagar, Himayat Sagar to Gowrelli at ORR East.
- Demarcation of River Musi Boundary and buffer zone was established by conducting Differential Global Positioning System (DGPS) for a length of 55 Kms in coordination with Revenue and Irrigation Dept.,

The following activities are being taken up for cleaning the Musi by MRDCL.

- The MRDCL has invited competitive design for “Comprehensive integrated design solution for the revitalization of Musi River Project”.
- Accordingly, Nine International firms have been participated and submitted their designs for Comprehensive Development plan for Musi Rejuvenation and Beautification, out of which the selection of International firms for going ahead with the execution of project is yet to be taken up.
- However, as a part of Musi Beautification and Rejuvenation, the following activities are being taken up by MRDCL.
 - a. Cleaning and clearance of Juliflora, Shrubs etc. and removal of silt for free flow of River without stagnation and 3 Nos. Mosquito killing machines are erected to bring down the mosquito menace. Also 10 Nos Fogging Machines are procured and fogging operations are being taken up daily along the banks of Musi River.
 - b. Demarcation of River boundary and 50 mtrs. Buffer zone on either side of Musi from Gandipet to ORR-East (Gowrelli) and Himayathsagar to Bapughat is in progress.
 - c. Development of Green walk-ways and removal of debris along the Musi River Edges from Bapughat to Nagole at five locations covering **Nine bridges** for a total length of about 16 kms under Ecological Restoration of River Musi is taken up.
 - d. MRDCL is being engaged 2 no.s of long boom excavators, 2 no.s excavators and 1 phantoon excavator for cleaning of River Musi on continuous process throughout the year as a part of Cleaning & Clearing of Musi River.
 - e. To prevent further dumping of C&D waste material on either side of Musi Bund, the MRDCL has installed Surveillance Cameras and also engaged the guards to keep watch and ward (patrolling 24/7) to avoid further encroachments of Musi River.
- The MRDCL is being invited
 - i. Consultancy services for preparation of Comprehensive Master Development Plan for Musi Riverfront.
 - ii. Consultancy services for the preparation of Feasibility Study, RDP & Detailed Project Report for New formation of Musi Drive Ways/ Improvement and Upgradation of existing roads to Musi Drive Ways standards along MUSI river on

both sides from Gandipet to ORR-(E) (Gowrelli) and Himayathsagar to Bapughat for a length of 55*2=110 Kms.

- XVII. Maintaining minimum e-flow of river:-** All the rivers in Telangana are Rain fed non-perennial rivers and hence maintenance of e-flow is practically not possible
- XVIII. Plantation activities along the rivers:-** The Govt. of Telangana is executing the plantation program called Haritha Haram under which every year massive plantation is being taken up in the entire state.
- XIX. Development of bio-diversity park:** - One Bio-diversity park in the Musi Catchment area in Hyderabad is developed and is open to public from the year 2015 onwards.
- XX. Reuse of Treated Water:** Govt. of Telangana has released a policy for reuse of the treated water **Reuse of Treated Water:**

- Treated Waste Water is being used for the purposes of gardening by Shilparamam (Tourism Dept.), GHMC, HMDA for gardening and watering the plantations in medians of the roads and Construction & Demolition waste processing units of GHMC at Nagole & Khajaguda. The treated waste water is also being used for agriculture purpose along the Musi River.
- NCC Company Pvt. Ltd., is also using treated waste water for road works.
- HMWSSB is providing 300 KLD of treated waste water to M/s Wipro office campus located at Manikonda and Gopanpally from STPs at Khajaguda and Gopanapally for Gardening purpose.
- So far 93 ML treated waste water has been reused.
- HMWSSB has engaged a consultant for demand assessment and identification of the potential users for reuse of treated waste water from the existing & proposed STPs and DPR has been prepared

Online Monitoring of STPs:

- HMWSSB is updating weekly in the mobile app of CPCB for STP's monitoring in their website.
- HMWSSB has installed Online Continuous Effluent Monitoring Systems (OCEMS) at all 20 STPs to monitor Real Time Effluent Parameters and also Flows. The mobile app is being monitored by HMWSSB officers and also TSPCB officers.
- In the ongoing STPs Project also the OCEMS is being installed both at inlet and outlet to monitor their quality parameters.

- XXI. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:** -River Krishna is adopted as the model river and the same is communicated to the NMCG.
- XXII. Status of Preparation of Action Plan by the 13 Coastal States:** - Not Applicable
- XXIII. Regulation of Mining Activities in the State/UT:** -
- XXIV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:** - Action against the industries are being taken for violations if any and the details of which are placed at **Annex - IV**.

Annex-I

Details of existing STP

No.	Location	Existing STP Capacity	Operational Status of STP	Compliance Status of STP
1.	Amberpet	339.00	Working	Complied
2.	Nagole	172.00	Working	Complied
3.	Nallacheruvu	30.00	Working	Complied
4.	Attapur 1	51.00	Working	Complied
5.	Attapur 2	23.00	Working	Complied
6.	Pedda Cheruvu	10.00	Working	Complied
7.	Miralam Tank 1	10.00	Working	Complied
8.	Miralam Tank 2	5.00	Working	Complied
9.	Durgam Cheruvu	5.00	Working	Complied
10.	Patel Cheruvu	2.50	Working	Complied
11.	Saroor Nagar	2.50	Working	Complied
12.	Langer House	1.20	Working	Complied
13.	Noor Mohammad Kunta	4.00	Working	Complied
14.	Safilguda	0.60	Working	Complied
15.	Khajakunta	12.00	Working	Complied
16.	Khajaguda	7.00	Working	Complied
17.	Nanakramguda	4.50	Working	Complied
18.	JVR Park	0.50	Working	Complied
19.	Lingam Kunta	30.00	Working	Complied
20.	Gopanapally	4.50	Working	Complied
21.	Necklace Road	20.00	Working	Complied
22.	Pattigadda	30.00	Working	Complied
23.	Rangadhamini Lake	5.00	Working	Complied
24.	Krishnakanth Park	0.50	Working	Complied
25.	Amber Cheruvu	2.50	Working	Complied
26.	Peddacheruvu	17.50	Completed & Commissioned	To be evaluated
27.	Nalla cheruvu-1	86.50	Completed & Commissioned	
28.	Safilguda lake	5.50	Completed & Under trial	
29.	Miralam Site-I	41.50	Completed & Under Operation	
30.	Kokapet	15.00	Completed & Under Operation	
31.	Fathenagar-1	133.00	Completed & under Trail Run	
32.	Durgamcheruvu	7.00	Completed & under operation	

No.	Location	Existing STP Capacity	Operational Status of STP	Compliance Status of STP
33.	Khajakunta	20.00	Completed & under Trail Run	
34.	Miyapur-Patelcheruvu	7.00	Completed & under Trail Run	
35.	Bommakal Road (Near Housing Board Colony)	38.00	Working	Meeting
36.	Chakali Gadda, Allampally	13.00	Working	Meeting
37.	Dubba	31.50	Working	Meeting
38.	Yellammagutta	15.00	Working	Meeting
39.	Thallagadda	11.50	Working	Meeting
40.	Chinthala Cheruvu	7.25	Working	Meeting
41.	Narsapur Cheruvu	11.00	Working	Meeting
42.	Rajareddy Pally	1.50	Working	Meeting
43.	Pidichedu Road	3.50	Working	Meeting
44.	Pandavula Chervu	0.50	Working	Meeting
45.	Pragnapur (By-Pass Road)	1.25	Working	Meeting
46.	Pullareddy cheruvu	10.00	Working	Meeting
47.	Ursugutta	5.00	Working	Meeting
48.	Pragathinagar	15.00	Working	Meeting
49.	Nainoni Kunta	1.50	Working	Meeting
50	Nagar Kurnool	2.30	Recently commissioned	
	Total:	1273.1		

Annexure II
Details of under construction STPs in Priority - I

List of STPs under construcion in GHMC Area

List of STPs Taken up in GHMC Area

Package-I:

Sl. No.	Location	Capacity (MLD)	Remarks
1.	Amberpet	212.50	In progress
2.	Ramacheruvu	30.00	In progress
3.	Kapra Lake	5.00	Not at grounded
4.	Patelcheruvu	7.00	Not at grounded
5.	Nallacheruvu-2	38.50	Not at grounded
	TOTAL	293.00	

Package-II:

Sl. No.	Location	Capacity (MLD)	Remarks
1.	Nagole	320.00	In progress
2.	Attapur-1	64.00	In progress
3.	Attapur-2	40.00	In progress
	TOTAL	424.00	

Package-III:

Sl. No.	Location	Capacity (MLD)	Remarks
1.	Mullakathuwa Cheruvu	25.00	In progress
2.	Vennelagadda	10.00	In progress
3.	Shivalaynagar	14.00	In progress
4.	Rainbow Vista	43.00	In progress
5.	Nallagandla	7.00	In progress
6.	Palapitta Park	5.00	In progress
7.	Fathenagar-2	20.00	Not at grounded
8.	HPS, Begumpet	44.50	Not at grounded
9.	Chitrapuri Colony	21.00	Not at grounded
10.	Pariki Cheruvu	20.00	Work stopped due to court case
	TOTAL	209.50	

Under Construction STPs in other than PRS area

S. No.	City/ Town	Capacity in MLD	Physical Progress in %	Tentative date of Completion	Remarks
1	Miryalguda	5.45	Physically Completed. Commissioning under progress. Interconnection and gap closing works pending.	6/30/2024	Agency M/s. Krushi Pvt Ltd not completing the balance works and commissioning. Final notices issued to agency to complete and commission the scheme, proposal for termination under process.
2	Nalgonda	17.16	99%	6/30/2024	Interconnection and gap closing works needs to be completed to commission the STP.
		2.55	11% (held up and will not be executed)	-	Submergence of STP Site & due to objection from local people, the construction of STP is stopped.Hence above work is held up and the sewerage generated will be connected to 17.16 MLD STP and treated.
3	Nagar Kurnool	3.20	99%	4/30/2024	
4	Khammam	20.00	25%	9/30/2024	
5	Suryapet	10.00	80%	6/30/2024	Recently, site dispute has been resolved and work has been grounded and under brisk progress.
6	Devarakonda	1.5	0% Will not be executed.		1.50 MLD at peta Cheruvu will be not taken up since intially House Sewerage connections are not proposed in the Scheme due to Paucity of funds. In order to complete the Sewerage connections in Nainoni Kunta catchment and commission the 1.50 MLD at Nainoni Kunta, 1.50 MLD STP at Peta Cheruvu is not taken up.
7	GWMC	100	Work cancelled due to land acquisition issue		Work cancelled due to land acquisition issue
8	Sircilla	19.1	87%	5/31/2024	
		178.96			

Total No.of STPs: 9 Nos (in 8 ULBs)
Total capacity: 178.96 MLD

Annexure-III

Details of STPs in PRS-II

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
1	Manjeera- Nakkavagu catchment	10 STPs 340.50 MLD	Proposal submitted to Govt. for according sanction.	2 years after A/s

Details of STPs proposed in the State in PRS III to V

S. No.	Name of the ULB	No. of STPs	Total Capacity of STPs in MLD
1	Kothagudem	1	9.0
2	Manuguru	1	4.0
3	palvanha	1	10.0
4	Yellandu	1	4.0
5	Madhira	1	4.0
6	Sattupalli	2	4.0
7	Wyra	1	4.0
8	Mahabubabad	1	8.0
9	Dornakal	1	1.7
10	Maripeda	1	2.5
11	Thorrur	1	2.3
12	Alampur	1	1.7
13	Gadwal	1	8.0
14	leeja	1	3.3
15	Waddepalle	1	2.0
16	Bhoothpur	2	1.7
17	Jadcherla	1	7.3
18	Atchampet	1	4.0
19	Kalwakurthy	1	4.0
20	Kollapur	1	3.0
21	Nagarkurnool	0	0.0
22	Kosgi	1	3.3
23	Makthal	1	3.6
24	Narayanapet	1	5.0
25	Amarchinta	1	2.0
26	Atmakur	1	2.9
27	Kothakota	1	3.2
28	Pebbair	1	3.0
29	Wanaparthi	1	8.0
30	Banswada	1	3.5
31	Kamareddy	1	12.0
32	Yellareddy	2	2.3
33	Armoor	2	7.5
34	Bheemgal	1	1.9
35	Bodhan	1	10.0
36	Jagtial	2	12.0
37	Korutla	1	8.6
38	Metpally	1	6.1
39	Dharmapuri	1	2.0
40	Raikal	2	2.2
41	Huzurabad	2	6.0
42	Jammikunta	1	5.0

S. No.	Name of the ULB	No. of STPs	Total Capacity of STPs in MLD
43	Kothapalli	1	1.4
44	Choppadandi	1	2.4
45	Peddapalli	2	5.7
46	Sultanabad	1	3.0
47	Manthani	1	3.0
48	Vemulawada	1	5.5
49	Sircilla	0	0.0
50	Parkal	1	4.0
51	Bhupalpally	1	7.0
52	Jangoan	1	6.0
53	Wardhannapet	2	1.6
54	Narsampet	1	4.2
55	Bhainsa	1	6.0
56	Nirmal	2	11.5
57	Khanapur	1	2.3
58	Bellampally	1	6.5
59	Mandamari	1	6.0
60	Manchiriyal	2	10.0
61	Kethanapally	1	4.0
62	Luxettipet	1	3.0
63	Chennur	1	3.0
64	Naspur	1	8.5
65	Kagaznagar	1	6.7
66	Medak	1	6.0
67	Narsapur	1	2.1
68	Ramayampet	1	2.0
69	Thoopran	1	3.0
70	Andol-Jogipet	1	3.0
71	Narayankhed	1	2.5
72	Sadasivapet	2	5.1
73	Sangareddy	1	10.4
74	Zaheerabad	1	10.1
75	Cherial	1	2.3
76	Dubbaka	1	3.5
77	Gajwel	0	0.0
78	Husnabad	1	2.7
79	Chandur	1	1.7
80	Chityal	1	1.9
81	Devarakonda	1	2.0
82	Haliya	1	2.0
83	Nakrekal	1	3.5
84	Nandikonda	1	2.0
85	Huzurnagar	1	4.5
86	Kodada	1	8.5
87	Neredcherla	1	1.8
88	Tirumalagiri	1	2.1
89	Alair	1	2.3
90	Bhongir	2	6.8
91	Choutuppal	1	4.2
92	Mothkur	1	2.3
93	Pochampally	2	2.2
94	Yadagirigutta	1	2.5
95	Amangal	1	3.0

S. No.	Name of the ULB	No. of STPs	Total Capacity of STPs in MLD
96	Ibrahimpattanam	1	4.5
97	Kothur	1	2.0
98	Shadnagar	2	7.0
99	Shankarpally	1	3.6
100	Kodangal	1	2.4
101	Parigi	1	2.1
102	Tandur	1	8.0
103	Vikarabad	0	0.0
104	Medchal	1	9.5

• Earlier total 72 No. of STP's of capacity 315.02 MLD in 30 ULB's was proposed to be taken up by the PH&ME Department for a tentative amount of Rs.2828.24 Crores and the same was submitted to the Govt. for according Administrative Sanction vide T/o Lr Dt:13-04-2020 & 03-10-2020.

• Further, as per instructions of Govt. Vide Memo Dt:25.05.2021 of MA & UD (TP&E.2), it was proposed to take up the above under Hybrid Annuity Model.

• Govt. vide G.O.Rt.No.478, Dt:15-07-2022 accorded administrative sanction for appointment of consultant M/s. Green Design and Engineering Services Pvt., Ltd for preparation of DPRs. (including updating existing DPRs).

• Further, it was proposed to take up UGD Scheme in Ramagundam Municipal Corporation (one of the ULB under NGT 30 ULBs under polluted River Stretches) under AMRUT 2.0.

• It is to submit that Govt. of India has sanctioned SBM 2.0 for Telangana State which includes construction of STPs and I&D Structures in ULBs. It is proposed to take up STPs in 103 ULBs (other than GHMC, 26 ORR ULBS, 11 AMRUT Towns, Siricilla but including 29 NGT ULBs) under SBM 2.0 in Hybrid Annuity Model.

• The funding for STPs under SBM 2.0 is restricted to 2025 population only (that too @70%), whereas as per CPHEEO Manual, STPs are to be designed for 15 years (Prospective) and 30 years (ultimate). Accordingly, STPs capacities are calculated as per Prospective population Demand for 2038 and Ultimate population Demand for 2053.

• Hence, the sanctioned amount under SBM 2.0 is not sufficient to meet the construction of STPs as per CPHEEO Manual Design.

• Hence, it is proposed to float tenders on Hybrid Annuity Model by utilising the SBM provision as Viability Gap Funding Addressed to Govt. for according approval to call tenders with open technology on RFP mode pending administrative sanction for taking up construction of 344 Nos of STPs in 103 ULBs for capacity of 789.20 MLD under SBM 2.0.

Further, the Govt. vide Memo No. 6361/Engg.2/2023 of MA&UD (Engg.) Dept., Dt. 02-02-2024 has directed to submit revised proposals revising the capacities duly utilizing the

Gol share under SBM 2.0 in Phase I as upfront payment, keeping in view the financial implication.

Accordingly, this office vide letter Dt:07-02-2024 has submitted revised proposals and requested Govt. to accord Administrative sanction for an amount Rs. 3769.34 crores (including O&M and Annuity Payments and GST on Interest Component of Annuity Payments) for “Sewerage Projects in 101 ULBs in the state of Telangana under SBM 2.0 Earlier total 72 No. of STP’s of capacity 315.02 MLD in 30 ULB’s was proposed to be taken up by the PH&ME Department for a tentative amount of Rs.2828.24 Crores and the same was submitted to the Govt. for according Administrative Sanction vide T/o Lr Dt:13-04-2020 & 03-10-2020.

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- Further, it was proposed to take up UGD Scheme in Ramagundam Municipal Corporation (one of the ULB under NGT 30 ULBs under polluted River Stretches) under AMRUT 2.0.
- It is to submit that Govt. of India has sanctioned SBM 2.0 for Telangana State which includes construction of STPs and I&D Structures in ULBs. It is proposed to take up STPs in 103 ULBs (other than GHMC, 26 ORR ULBS, 11 AMRUT Towns, Siricilla but including 29 NGT ULBs) under SBM 2.0 in Hybrid Annuity Model.
- The funding for STPs under SBM 2.0 is restricted to 2025 population only (that too @70%), whereas as per CPHEEO Manual, STPs are to be designed for 15 years (Prospective) and 30 years (ultimate). Accordingly, STPs capacities are calculated as per Prospective population Demand for 2038 and Ultimate population Demand for 2053.
- Hence, the sanctioned amount under SBM 2.0 is not sufficient to meet the construction of STPs as per CPHEEO Manual Design.
- Hence, it is proposed to float tenders on Hybrid Annuity Model by utilising the SBM provision as Viability Gap Funding.

Addressed to Govt. for according approval to call tenders with open technology on RFP mode pending administrative sanction for taking up construction of 344 Nos of STPs in 103 ULBs for capacity of 789.20 MLD under SBM 2.0.

Further, the Govt. vide Memo No. 6361/Engg.2/2023 of MA&UD (Engg.) Dept., Dt. 02-02-2024 has directed to submit revised proposals revising the capacities duly utilizing the Gol share under SBM 2.0 in Phase I as upfront payment, keeping in view the financial implication.

Accordingly, this office vide letter Dt:07-02-2024 has submitted revised proposals and requested Govt. to accord Administrative sanction for an amount Rs. 3769.34 crores (including O&M and Annuity Payments and GST on Interest Component of Annuity

Annexure-IV

LIST OF WATER POLLUTING INDUSTRIES REVIEWED FROM JAN TO MARCH 2024

	DIRECTION / REVOCATION
1	M/s.Telangana State Sheep & Goat Development Cooperation Federation Ltd., Chengicherla (V), Ghatkesar (M), Medchal - Malkajgiri District
2	M/s. Common Rendering Plant of TSSGDCF Ltd., Slaughter House, Chengicherla (V), Ghatkesar (M), Medchal - Malkajgiri District
3	M/s. S M Labs Pvt. Ltd., (Unit – II) (Formerly M/s.SM Recoveries Pvt. Ltd.), Plot No. B-20 & 21, IE, Moulali, Medchal District
4	M/s. Kundana Techno Tex Private Limited, Sy.No.190, Chandanavalle (V), Shabad (M), Rangareddy District
5	M/s. Concord Drugs Ltd, Sy Nos.249, 250,251, BrahmanaPalli(V), Hayatnagar(M), Rangareddy District
6	M/s. Synergene Active Ingredients Pvt Ltd., Unit-I, Plot No. 48/B, SVCIE Bachupally (V & M), Medchal - Malkajgiri District
7	M/s. Arunodaya Agro Industries, Sy.No. 304D, 308B, 352D, 353A & 354D Obulkeshavapur (V), Jangaon (M) Jangaon District.
8	M/s. Devi Agro Industries, Sy. No. 463, Near Champak Hills, Peddapahad (V), Jangaon (M), Jangaon District
9	M/s. Laxmi Srinivasa Industries, Sy.No 570, Bachannapet (V&M), Jangaon District
10	M/s. Mahalaxmi Agro Industries, Sy.No. 362/B1, 362/B2, 363/C1, Oblakeshavapur (V), Jangaon (M), & Jangaon District
11	M/s. Sri Mithra Agro Industries, Sy.No. 184/A1, 184/B & 183/A, Chinnaramancharla (V), Bachanapet(M), Jangaon District
12	M/s. Sri Venkateshwara Industries, Sy.No. 375/1 & 375/A/1, Oblakeshavpur (V), Jangaon (M), Jangaon District
13	M/s. Yellaiah Kharkhana, H.No. 1-118 (old), 2-175 (new), Enumamula (V), Warangal (M), Warangal District
14	M/s. IMR Agrovvet, Sy.No.93/U2, 93/UU, 93/RU2, 93/AA, 93/A, 93/EE, 93/E, 93/RU1, 93/U1, Apparedipally (V), Madgul (M), Rangareddy District
15	M/s. Perfect Tanners, H.No. 2-182, Enumamula (V), Warangal (M), Warangal District

Annexure – V

Common Effluent Treatment Plants (CETPs):

There are 7 CETPs in Telangana State, out of which 4 are under operation. The details are as follows:

S. No.	Name of the Facility	Type of processing plant	Capacity	Status
1	M/s.Jeedimetla Effluent Treatment Plant, Jeedimetla, Hyderabad.	LTDS- Chemical followed by biological treatment HTDS-MEE	LTDS-1500 KLD HTDS-200 KLD	In operation Meeting the discharge standards.
2	M/s.Patancheru Effluent Treatment Plant, Patancheru, Hyderabad.	LTDS effluent is treated by Chemical methods followed by Membrane bio-reactor	LTDS-3000 KLD	In operation Meeting the discharge standards.
3	M/s.Indian Drugs and Pharmaceuticals Ltd, Balanagar, Hyderabad.	Waste water of industries from Food Processing, Formulation Units, Oil Extraction Units etc. located in Hyderabad and Mahaboobnagar Districts and sewage generated from IDPL Hostel and township.	150 KLD	In operation Meeting the discharge standards.
4	M/s.MANA Treatment Plant Ltd., / M/s Indwa Technologies Pvt. Ltd., Mallapuram (V), Uppal (M), Medchal District.	The CETP receiving the Low TDS industrial and domestic effluents from 48 member industries from IDA Mallapur, 37 member industries from IDA Nacharam and 48 member industries from other areas.	2000 KLD	In operation Meeting the discharge standards.
5	M/s.IL&FS Environmental Infrastructure & Services Ltd., Plot. No.14, Fab City, Maheshwaram (M), Rangareddy District.	Common Effluent Treatment Plant (Zero liquid discharge system) to treat HTDS effluents – 300 KLD and LTDS effluents – 200 KLD from member industries.	HTDS-300 KLD LTDS-200 KLD	Not in operation
6	<i>M/s.Kunoor Leather Park Ltd.,(CETP), Kunoor Village, Bhongiri Mandal, Yadadri-Bhongiri District.</i>	Common Effluent Treatment Plant to treat the pre-treated industrial effluent generated from tannery units.	485 KLD	Not in operation
7.	<i>M/s.Enumamula Common Effluent Treatment Plant, Enumamula, Warangal Urban District.</i>	Common Effluent Treatment Plant to treat the pre-treated industrial effluent generated from tannery units.	300 KLD	Not in operation

Annexure-VI

Details of Solid Waste Management facilities of 141 ULBs of Telangana

S. No.	Name of the ULB	Total Waste Generation (TPD)	Bio Degradedable			Non Bio Degradedable		Gap in treatment (TPD)
			Generation (TPD)	Processing - Compost (TPD)	Processing - Bio Gas (TPD)	Dry waste Generated (TPD)	Dry waste processed (TPD)	
		A	B	C	D	E	F	G = (A-C-D-F)
1	Adilabad	90	43.5	19	0	46.5	5	66
2	Kothagudem	50	27.5	8	0	22.5	5	37
3	Manuguru	15	8.25	7	0	6.75	5	3
4	Palvancha	40	16.5	5	0	23.5	5	30
5	Yellandu	15	8.25	3	0	6.75	1	11
6	Dharmapuri	10	5.5	5	0	4.5	5	0
7	Jagityal	70	38.5	34	0	31.5	30	6
8	Korutla	30	16.5	13	0	13.5	5	12
9	Metpalli	25	13.75	11	0	11.25	10	4
10	Raikal	10	5.5	5	0	4.5	3.5	1.5
11	Jangaon	25	13.75	5	0	11.25	5	15
12	Bhupalpally	25	13.75	5.5	0	11.25	2.5	17
13	Alampur	5	2.75	1	0	2.25	1	3
14	Gadwal	30	16.5	1	0	13.5	1	28
15	leeja	15	8.25	5	0	6.75	5	5
16	Waddepalle	7.25	5	4	0	2.25	1.5	1.75
17	Banswada	15	8.25	1	0	6.75	1	13
18	Kamareddy	70	38.5	10	0	31.5	5	55
19	Yellareddy	10	5.5	6	0	4.5	3	1
20	Choppandandi	10	5.5	4.5	0	4.5	4	1.5
21	Huzurabad	20	11	5	0	9	5	10
22	Jammikunta	20	11	4	0	9	4	12
23	Karimnagar Mpl Corpn	198.5	102	25	0	96.5	10	163.5
24	Kothapally	5	2.75	5	0	2.25	1.25	-1.25
25	Khammam Mpl Corpn	192.25	97.75	15	0	94.5	15	162.25
26	Madhira	15	8.25	1	0	6.75	1	13
27	Sattupalli	15	8.25	5.5	0	6.75	5	4.5
28	Wyra	15	8.25	5	0	6.75	5	5
29	Kagaznagar	25	13.75	5.5	0	11.25	5	14.5
30	Bhoothpur	5	2.75	1.5	0	2.25	1	2.5
31	Jadcherla	25	13.75	7.5	0	11.25	5	12.5
32	Mahaboobnagar	150	76	35	0	74	30	85
33	Dornakal	5	3	1	0	2	1	3
34	Mahabubabad	25	13.75	1.5	0	11.25	1	22.5
35	Maripeda	10	5.5	2.5	0	4.5	2	5.5
36	Thorrur	10	5.5	3	0	4.5	2	5
37	Bellampally	25	13.75	5	0	11.25	5	15
38	Chennur	15	8.25	1	0	6.75	1	13
39	Kyathanpally	15	8.25	1	0	6.75	1	13
40	Luxettipet	15	8.25	1	0	6.75	1	13

S. No.	Name of the ULB	Total Waste Generation (TPD)	Bio Degradedable			Non Bio Degradedable		Gap in treatment (TPD)
			Generation (TPD)	Processing - Compost (TPD)	Processing - Bio Gas (TPD)	Dry waste Generated (TPD)	Dry waste processed (TPD)	
		A	B	C	D	E	F	G = (A-C-D-F)
41	Mancherial	50	27.5	8	0	22.5	5	37
42	Mandamarri	20	11	1.5	0	9	1	17.5
43	Naspur	30	16.5	1	0	13.5	1	28
44	Medak	20	11	11	0	9	5	4
45	Narsapur	10	5.5	2	0	4.5	2	6
46	Ramayampet	10	5.5	2	0	4.5	2	6
47	Thoopran	10	5.5	3	0	4.5	2	5
48	Boduppall Corpn	20	11	11	0	9	9	0
49	Dhammaiguda	29.5	25	25	0	4.5	4.5	0
50	Dundigal	20	11	11	0	9	8	1
51	Ghatkesar	15	8.25	5.5	0	6.75	6.75	2.75
52	Gundlapochampally	6	2.75	2.75	0	3.25	1.5	1.75
53	Jawaharnagar Corpn	40	20	20	0	20	20	0
54	Kompally	30	15	15	0	15	10	5
55	Medchal	24	15	15	0	9	8	1
56	Nagaram	15	8.25	8.2	0	6.75	6.75	0.05
57	Nizampet Corpn	49	40	40	0	9	9	0
58	Peerzadiguda Corpn	30	15	15	0	15	15	0
59	pocharam	15	8.25	8.25	0	6.75	6.75	0
60	Thumkunta	15	8.25	8.25	0	6.75	5	1.75
61	Atchampet	15	8.25	2	0	6.75	2	11
62	Kalwakurthy	15	8.25	4	0	6.75	5	6
63	Kollapur	15	8.25	2	0	6.75	5	8
64	Nagarkurnool	20	11	4.5	0	9	4	11.5
65	Chandur	5	2.75	2	0	2.25	2	1
66	Chityal	5	2.75	2	0	2.25	2	1
67	Devarakonda	15	8.25	5	0	6.75	2	8
68	Haliya	10	5.5	1	0	4.5	1	8
69	Miryalguda	70	38.5	9	0	31.5	5	56
70	Nakrekal	15	8.25	5	0	6.75	5	5
71	Nalgonda	100	55	45	0	45	5	50
72	Nandikonda	10	5.5	2.5	0	4.5	2	5.5
73	Kosgi	10	5.5	1	0	4.5	1	8
74	Makthal	15	8.25	1	0	6.75	1	13
75	Narayanapet	20	11	20	0	9	5	-5
76	Bhainsa	20	11	4	0	9	4	12
77	Khanapur	10	5.5	2.5	0	4.5	3.5	4
78	Nirmal	50	27.5	23	0	22.5	10	17
79	Armur	25	13.75	5	0	11.25	5	15
80	Bheemgal	10	5.5	1	0	4.5	1	8
81	Bodhan	50	27.5	8	0	22.5	6	36

S. No.	Name of the ULB	Total Waste Generation (TPD)	Bio Degradedable			Non Bio Degradedable		Gap in treatment (TPD)
			Generation (TPD)	Processing - Compost (TPD)	Processing - Bio Gas (TPD)	Dry waste Generated (TPD)	Dry waste processed (TPD)	
		A	B	C	D	E	F	G = (A-C-D-F)
82	Nizamabad Mpl Corpn	220	137.5	12	0	82.5	15	193
83	Manthani	10	5.5	2.5	0	4.5	2	5.5
84	Peddapalli	20	11	8	0	9	8	4
85	Ramagundam Mpl Corpn	150	82.5	22.5	0	67.5	10	117.5
86	Sulthanabad	10	5.5	1	0	4.5	1	8
87	Sircilla	50	27.5	13	1	22.5	5	31
88	Vemulavada	20	11	4	0	9	4	12
89	Adibatla	10	5.5	5.5	0	4.5	4.5	0
90	Amangal	15	8.25	3	0	6.75	3	9
91	Badangpet	40	25	25	0	15	15	0
92	Bandlaguda Jagir	15	8.25	8.25	0	6.75	5	1.75
93	Ibrahimpatnam	15	8.25	5	0	6.75	5	5
94	Jalpally	25	13.75	13.75	0	11.25	10	1.25
95	Kothur	5	2.75	2.5	0	2.25	1	1.5
96	Manikonda	35.5	25.5	20	0	10	10	5.5
97	Meerpet Mpl Corpn	50	27.5	18	0	22.5	20	12
98	Narsingi	30	15	15	0	15	10	5
99	Pedda Amberpet	15	8.25	2	0	6.75	5	8
100	Shadnagar	25	13.75	12	0	11.25	5	8
101	Shamshabad	20	11	3.45	0	9	9	7.55
102	Shankarpally	10	5.5	1	0	4.5	1	8
103	Thukkuguda	10	5.5	3	0	4.5	1	6
104	Turkayamjal	20	11	2.5	0	9	9	8.5
105	Ameenpur	20	11	10	0	9	9	1
106	Andol-Jogipet	15	8.25	2.5	0	6.75	2	10.5
107	Bollaram	15	8.25	2	0	6.75	1	12
108	Narayankhed	10	5.5	1	0	4.5	1	8
109	Sadasivapet	20	11	1	0	9	1	18
110	Sangareddy	50	27.5	10	0	22.5	5	35
111	Tellapur	15	8.25	5	0	6.75	5	5
112	Zaheerabad	50	27.5	8	0	22.5	5	37
113	Cherial	10	5.5	1	0	4.5	1	8
114	Dubbaka	15	8.25	3.5	0	6.75	3	8.5
115	Gajwel	20	11	5	0	9	5	10
116	Husnabad	15	8.25	4	0	6.75	4	7
117	Siddipet	70	38.5	38.5	10	31.5	25	-3.5
118	Huzurnagar	15	8.25	1	0	6.75	1	13
119	Kodada	30	16.5	8.5	0	13.5	6	15.5
120	Neredcherla	5	3	1	0	2	1	3
121	Suryapet	100	48.5	36	0	51.5	35	29

S. No.	Name of the ULB	Total Waste Generation (TPD)	Bio Degradedable			Non Bio Degradedable		Gap in treatment (TPD)
			Generation (TPD)	Processing - Compost (TPD)	Processing - Bio Gas (TPD)	Dry waste Generated (TPD)	Dry waste processed (TPD)	
		A	B	C	D	E	F	G = (A-C-D-F)
122	Tirumalagiri	10	5.5	1	0	4.5	1	8
123	Kodangal	5	2.5	1	0	2.5	1	3
124	Parigi	10	5.5	1.5	0	4.5	1	7.5
125	Tandur	30	16.5	5	0	13.5	5	20
126	Vikarabad	25	13.75	11.6	0	11.25	5	8.4
127	Amarchinta	5	2.75	1	0	2.25	1	3
128	Atmakur	5	2.75	1	0	2.25	1	3
129	Kothakota	10	5.5	2	0	4.5	1	7
130	Pebbair	10	5.5	1	0	4.5	1	8
131	Wanaparthy	30	16.5	1.5	0	13.5	4	24.5
132	Narsampet	20	11	1.5	0	9	1	17.5
133	Parkal	15	8	1.5	0	7	1	12.5
134	Wardhannapet	5	2.75	2	0	2.25	1	2
135	Warangal Mpl Corpn	424	230	170	2.5	194	100	151.5
136	Alair	10	5.5	1	0	4.5	1	8
137	Bhongir	25	13	9	0	12	6	10
138	Choutuppal	15	8	1	0	7	3	11
139	Mothkur	10	5.5	1	0	4.5	1	8
140	Pochampally	10	5.5	1	0	4.5	1	8
141	Yadagirigutta	10	5.5	2	0	4.5	3	5
Total		4316	2373	1204.5	13.5	1943	817	2281

Annex-VII :
Rural Areas management of Solid Waste

S. No	Financial Year	Village Dumping Yards (Segregation Sheds)		Purchase of Tractor Trolley & Tanker	
		Completed	Expenditure (Rs. In Crores)	No.of GPs	Amount in Crores
1	2	10	11	15	16
1	2018-2019	0	0.03	0	0
2	2019-2020	0	0.05	0	0
3	2020-2021	28	57.45	12769	1046.77
4	2021-2022	6310	200.38	0	0
5	2022-2023	6415	21.07	0	0
Total		12753	279.00	12769	1046.77

Annex-VIII

Details of the ULBs in PRS

	Name of the ULB	Total Waste Generation (TPD)	Bio Degradable			Non Bio Degradable		Gap in treatment (TPD)
			Generation (TPD)	Processing - Compost (TPD)	Processing - Bio Gas (TPD)	Dry waste Generated (TPD)	Dry waste processed (TPD)	
		A	B	C	D	E	F	G = (A-C-D-F)
1.	Palvancha	40	16.5	5	0	23.5	5	30
2.	Jagityal	70	38.5	34	0	31.5	30	6
3.	Dharmapuri	10	5.5	5	0	4.5	5	0
4.	Korutla	30	16.5	13	0	13.5	5	12
5.	Metpalli	25	13.75	11	0	11.25	10	4
6.	Bhupalpally	25	13.75	5.5	0	11.25	2.5	17
7.	Alampur	5	2.75	1	0	2.25	1	3
8.	Gadwal	30	16.5	1	0	13.5	1	28
9.	leeja	15	8.25	5	0	6.75	5	5
10.	Huzurabad	20	11	5	0	9	5	10
11.	Jammikunta	20	11	4	0	9	4	12
12.	Karimnagar Mpl Corpn	198.5	102	25	0	96.5	10	163.5
13.	Kothapally	5	2.75	5	0	2.25	1.25	-1.25
14.	Bellampally	25	13.75	5	0	11.25	5	15
15.	Chennur	15	8.25	1	0	6.75	1	13
16.	Mancherial	50	27.5	8	0	22.5	5	37
17.	Luxettipet	15	8.25	1	0	6.75	1	13
18.	Nasipur	30	16.5	1	0	13.5	1	28
19.	Mandamarri	20	11	1.5	0	9	1	17.5
20.	Miryalguda	70	38.5	9	0	31.5	5	56
21.	Makthal	15	8.25	1	0	6.75	1	13
22.	Khanapur	10	5.5	2.5	0	4.5	3.5	4
23.	Nirmal	50	27.5	23	0	22.5	10	17
24.	Armur	25	13.75	5	0	11.25	5	15
25.	Sulthanabad	10	5.5	1	0	4.5	1	8
26.	Ramagundam Mpl Corpn	150	82.5	22.5	0	67.5	10	117.5
27.	Manthani	10	5.5	2.5	0	4.5	2	5.5
28.	Bhainsa	20	11	4	0	9	4	12
29.	Parkal	15	8	1.5	0	7	1	12.5
30	Metpalli	25	13.75	11	0	11.25	10	4
31	Kothapally	5	2.75	5	0	2.25	1.25	-1.25
32	Manuguru	15	8.25	7	0	6.75	5	3

Annex-VIII(A)

Details of Legacy dumpsites in the Polluted River Stretches within 1 KM Buffer

River Stretch	Name of ULB	Area	No.
Musi	Miryalguda	6	1
Manjeera-nakkavagu	-		
Maneru (P-III) (Karimnagar LMD to Somanpalli)	Huzurabad	4	1
	Jammikunta	2.16	1
	Parakala	3	1
	Bhupalpally	3	1
	Sulthanabad	0.2	1
	Kothapally	5.2	1
	Karimnagar	7.5	0
Karakavagu (P-III)	Palwancha	3	1
Kinnerasani (P-IV)			
Godavari (P-IV) (Basar to Bhadrachalam)	Mancherial	21.07	1
	Ramagundam	10	1
	Dharmapuri	3	1
	Jagitial	14	2
	Korutla	5.05	1
	Metpally	10	1
	Manuguru	6	1
	Bellampally	10	1
	Chennur	10	1
	Kyathanpally	7	1
	Luxettipet	1.2	1
	Mandamarri	5	1
	Nasipur	10	1
	Khanapur	5.51	2
	Nirmal	13.22	1
	Armoor	11	1
	Manthani	1	1
	Bhainsa	15.2	2
Krishna (P-V) (Thangadi to Wadapally)	Gadwal	5.19	1
	Alampur	2	1
	leeja	4	1
	Kollapur	5	1
	Makthal	4	1
	Total	212.5	34

- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers

Annexure-IX
Water quality Analysis Reports

Water Quality Data of Polluted River Stretches of Telangana State to be displayed in the TGPCB website January to March 2024									
Stretch-1, Hyderabad to Nalgonda									
Monitoring locations on the Musi River									
U/s of Musi at Gandipet (Osmansagar lake) (NWMP station code: 1172)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.2	8.14	504	1.4	38	-	0.5	-
2	Feb-24	6.0	8.24	588	1.8	36	-	0.5	-
3	Mar-24	6.1	7.95	622	1.0	13	-	0.5	-
River Musi at Nagole (NWMP station code: 2339)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	0.3	7.21	1574	8.4	430	-	0.5	-
2	Feb-24	0.3	7.59	1628	10.0	350	-	0.5	-
3	Mar-24	0.3	7.38	1650	12.0	920	-	0.5	-
D/s. of Musi at Pratapasingaram (NWMP station code: 1173)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	0.3	7.28	1564	8.0	430	-	0.5	-
2	Feb-24	0.3	7.56	1695	10.0	540	-	0.5	-
3	Mar-24	0.3	7.48	1702	6.0	1600	-	0.5	-
River Musi at Kasaniguda (NWMP station code: 3092)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.6	8.78	1411	3.6	63	NA	BDL	1.15
2	Feb-24	6.5	8.52	1746	3.8	58	BDL	BDL	1.27
3	Mar-24	6.2	8.1	1845	3.9	63	BDL	BDL	1.30
River Krishna at Wadapally (NWMP station code: 1465)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.7	7.33	1137	3.5	33	NA	BDL	1.41
2	Feb-24	6.2	7.82	1208	3.4	31	BDL	BDL	1.40
3	Mar-24	6.7	7.57	1220	3.9	33	BDL	BDL	1.49

Stretch-2, River Manjeera (Gowdicherla to Nakkavagu)									
Monitoring locations on River Manjeera									
U/s of river Manjeera at Gowdicherla before confluence with Nakkavagu (NWMP station code: 2374)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.5	7.3	924	3.5	31	NA	BDL	0.61
2	Feb-24	6.6	7.34	918	3.2	34	BDL	BDL	0.70
3	Mar-24	6.7	7.41	929	3.6	33	BDL	BDL	0.73
D/s of River Manjeera at Gowdicherla after confluence with Nakkavagu (NWMP station code: 2375)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.2	7.32	1286	3.5	38	NA	BDL	0.64
2	Feb-24	6.3	7.35	1298	3.6	40	BDL	BDL	0.67
3	Mar-24	6.4	7.48	1301	3.8	41	BDL	BDL	0.72

Stretch-3, Gandilachapet to Sevala Thanda									
Monitoring locations on Nakkavagu									
Nakka vagu at Bachugudem (NWMP station code: 2349)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	5.1	7.5	1498	3.9	84	NA	BDL	0.90
2	Feb-24	5.3	7.23	1829	4.2	94	BDL	BDL	0.88
3	Mar-24	5.5	7.33	1836	4.3	84	BDL	BDL	1.13

Stretch-4, Along Palvancha									
Monitoring locations on Karakavagu									
U/s of Karakavagu at Paloncha (NWMP station code: 3080)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	4.7	8.04	670	1.2	20	-	0.5	-
2	Feb-24	6.0	8.28	788	1.2	24	-	0.5	-
3	Mar-24	6.0	8.48	958	1.2	47	-	0.5	-
D/s of Karakavagu at Paloncha (NWMP station code: 3081)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	4.7	7.88	522	1.2	25	-	0.5	-
2	Feb-24	6.0	7.58	620	1.4	21	-	0.5	-
3	Mar-24	5.8	8.20	539	1.8	24	-	0.5	-

Stretch-5, Warangal to Somanpally									
Monitoring locations on River Maneru									
River Maneru at Somanpally (NWMP station code: 1158)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.0	7.61	642	2.4	84	-	0.5	-
2	Feb-24	dried							
3	Mar-24	Dried Up							
Maneru river d/s of Municipal dump site, Karimnagar (NWMP station code: 4257)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	6.1	7.63	402	1.8	58	-	0.5	-
2	Feb-24	dried							
3	Mar-24	Dried Up							

Stretch-6, Basara to Khammam									
Monitoring locations on River Godavari									
River Godavari at Basara (NWMP station code: 2360)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR
1	Jan-24	7.1	7.98	708	3.1	21	NA	BDL	1.15
2	Feb-24	7.3	8.21	772	3.2	20	BDL	BDL	1.00
3	Mar-24	6.8	8.99	946	3.4	22	BDL	BDL	1.18

River Godavari at Mancherial (NWMP station code: 13)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	8.13	546	1.8	23	-	0.5	-
2	Feb-24	6.0	8.17	591	2.0	33	-	0.5	-
3	Mar-24	6.0	8.23	658	1.6	27	-	0.5	-

River Godavari at mancherial, Near Rail Way Bridge B/C of Railavagu (NWMP station code: 2361)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	7.94	540	1.8	27	-	0.5	-
2	Feb-24	6.0	8.26	592	2.0	26	-	0.5	-
3	Mar-24	6.0	8.25	649	1.6	33	-	0.5	-

River Godavari at Ramagundam upstream near dam (NWMP station code: 2354)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	8.03	842	1.8	47	-	0.5	-
2	Feb-24	6.0	8.20	824	2.0	25	-	0.5	-
3	Mar-24	6.0	8.63	899	1.8	46	-	0.5	-
D/s of River Godavari at Ramagundam near FCI intake well (NWMP station code: 2362)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.0	7.82	702	1.8	32	-	0.5	-
2	Feb-24	6.0	8.02	789	2.0	40	-	0.5	-
3	Mar-24	6.0	8.27	862	1.6	33	-	0.5	-
River Godavari at Godavarikhani near bathing ghat (NWMP station code: 2363)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.0	7.58	702	2.0	24	-	0.5	-
2	Feb-24	6.0	7.55	766	1.8	34	-	0.5	-
3	Mar-24	5.9	8.29	849	2.0	39	-	0.5	-
River Godavari d/s of Ramagundam at Manthani (NWMP station code: 2356)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.0	7.95	988	1.8	48	-	0.5	-
2	Feb-24	5.9	8.21	1288	2.4	34	-	0.5	-
3	Mar-24	5.9	8.64	1056	2.0	49	-	0.48	-
U/s of River Godavari at Kamalapur (V) at M/s.AP Rayons Ltd., intake well (NWMP station code: 2365)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.2	7.76	360	1.4	20	-	0.5	-
2	Feb-24	6.1	8.10	448	1.2	24	-	0.5	-
3	Mar-24	6.1	8.45	497	1.6	24	-	0.5	-
D/s of River Godavari at Kamalapur (V) at M/s.AP Rayons Ltd., discharge point (NWMP station code: 2366)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.2	8.03	354	1.4	25	-	0.5	-
2	Feb-24	6.1	8.14	442	1.2	27	-	0.5	-
3	Mar-24	6.1	8.57	504	1.6	32	-	0.5	-

U/s of river Godavari at Bhadrachalam bathing ghat (NWMP station code: 2367)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	7.45	386	1.4	41	-	0.5	-
2	Feb-24	6.1	7.58	440	1.2	46	-	0.5	-
3	Mar-24	6.1	8.34	499	1.8	34	-	0.5	-
D/s of river Godavari at Bhadrachalam bathing ghat (NWMP station code: 2368)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.0	7.81	386	2.0	63	-	0.5	-
2	Feb-24	6.1	7.80	444	1.2	34	-	0.5	-
3	Mar-24	5.9	8.39	489	2.0	32	-	0.5	-
River Godavari at Burgampahad (NWMP station code: 2369)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	7.79	462	1.0	34	-	0.5	-
2	Feb-24	6.0	7.20	560	1.4	41	-	0.5	-
3	Mar-24	6.0	8.16	548	1.8	39	-	0.5	-
Stretch-7, Along Palvancha									
Monitoring locations on River Kinnerasani									
Kinnerasani after confluence of KTPS ash pond effluents (NWMP station code: 2372)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.2	8.20	537	1.0	21	-	0.5	-
2	Feb-24	5.8	8.22	566	2.8	21	-	0.5	-
3	Mar-24	5.8	8.34	619	1.8	46	-	0.5	-
Stretch-8, Thangadi to Wadapally									
Monitoring locations on River Krishna									
River Krishna at Thangadi (NWMP station code: 1784)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	8.33	1354	1.8	13	-	0.5	-
2	Feb-24	6.0	7.84	2294	2.8	220	-	0.5	-
3	Mar-24	6.1	8.15	2173	2.8	220	-	0.5	-

River Krishna at Gadwal bridge (NWMP station code: 39)									
S.No.	Month	DO (mg/L)	pH	Conductivity (mS/cm)	BOD (mg/L)	Total Coliform (MPN/100 ml)	Free Ammonia (mg/L)	Boron (mg/L)	SAR (mg/L)
1	Jan-24	6.1	7.45	1352	1.8	20	-	0.5	-
2	Feb-24	5.9	7.94	1502	3.0	170	-	0.5	-
3	Mar-24	6.0	7.64	1253	2.8	240	-	0.5	-

Annexure-X

Good Irrigation practices being adopted by the State

Monthly Progress Report by States / UTs in the matter of Hon'ble NGT in O.A. No.673/2018 Dt.06.12.2019.

Status of adopting Good Irrigation Practices:

The Government of Telangana is adopting different Irrigation Practices for improving crop yield. The Government of Telangana is adopting surface Irrigation, Sprinkler Irrigation and Lift Irrigation based on the different type of soils, claimants, crops and resources

The Government of Telangana state has taken up the massive programme of restoring minor irrigation sources under the name "Mission Kakatiya" (mana ooruu - mana cheruvu) in a decentralized manner through community involvement. The Government is aiming to complete the restoration of all the tanks in phased manner.

The program was launched on 12-03-2015 by our Hon'ble Chief Minister Sri Kalvakuntla Chandrashekar Rao. So far restoration of 27625 no. of water bodies with a cost of Rs.9795.39 Crores were taken up in different phases for restoration of ayacut of 21.39 Lakhs Acres out of which 21436 tanks are restored with an expenditure of Rs. 5160.00 Crores restoring an ayacut of 15.05 Lakh acres.

The main works taken up are,

- 1) Strengthening of Bunds and Repairs to Sluices and Weirs.
- 2) Restoration of Irrigation Channels
- 3) Repairs to Cross Masonry and Cross Drainage works.
- 4) Restoration of feeder Channels
- 5) Desilting.

Further, Government vide G.O. Ms. No. 8 Irrigation & CAD (M.I) Dept., dt: 08.03.2019 has accorded administrative approval for an estimated cost of Rs.3825 Crores for construction of 1200 Nos of check dams on 4th order to 8th order streams in the command areas of Major & Medium Irrigation Projects. It is also proposed to complete the construction of check dams within two years in phased manner.

As on date, 638 no. of Check dams were technically sanctioned for an amount of Rs.2906.26 crores and works are in progress.

Annexure-XI

Rain Water Harvesting Structures in ULBs

Sl.No.	Name of the District	Name of the Municipality / Municipal Corporation	Total No. of RWH
1	2	3	4
1	Jangaon	Jangaon	100
	Jangaon Total		100
2	Warangal Urban	Warangal	380
	Warangal Urban Total		380
3	Warangal Rural	Parkal	7
4	Warangal Rural	Narsampet	17
5	Warangal Rural	Wardhannapet	6
	Warangal Rural Total		30
6	Mahabubabad	Mahabubabad	5
7	Mahabubabad	Dornakal	133
8	Mahabubabad	Maripeda	459
9	Mahabubabad	Thorrur	7
	Mahabubabad Total		604
10	Jayashankar	Bhupalpally	7
	Jayashankar Total		7
11	Karimnagar	Karimnagar Corpn.	689
12	Karimnagar	Jammikunta	46
13	Karimnagar	Huzurabad	83
14	Karimnagar	Choppandandi	575
15	Karimnagar	Kothapally	3407
	Karimnagar Total		4800
16	Jagityal	Jagityal	792
17	Jagityal	Korutla	288
18	Jagityal	Metpalli	25
19	Jagityal	Raikal	4680
20	Jagityal	Dharmapuri	25
	Jagityal Total		5810
21	Rajanna-Sircilla	Vemulavada	379
22	Rajanna-Sircilla	Sircilla	318
	Rajanna-Sircilla Total		697
23	Peddapalli	Ramagundam Corpn.	350
24	Peddapalli	Peddapalli	156
25	Peddapalli	Manthani	10
26	Peddapalli	Sulthanabad	56
	Peddapalli Total		572
27	Khammam	Khammam Corpn.	42
28	Khammam	Sattupalli	5
29	Khammam	Madhira	4
30	Khammam	Wyra	9
	Khammam Total		60
31	Bhadradri (Kothagudem)	Kothagudem	7
32	Bhadradri (Kothagudem)	Yellandu	21
33	Bhadradri (Kothagudem)	Manuguru	6
34	Bhadradri (Kothagudem)	Palvancha	40
	Bhadradri (Kothagudem) Total		74
35	Adilabad	Adilabad	189
	Adilabad Total		189
36	Nirmal	Nirmal	51
37	Nirmal	Bhainsa	34

Sl.No.	Name of the District	Name of the Municipality / Municipal Corporation	Total No. of RWH
38	Nirmal	Khanapur	4
	Nirmal Total		89
39	Komaram Bheem	Kagaznagar	11
	Komaram Bheem Total		11
40	Mancherial	Mancherial	59
41	Mancherial	Bellampally	25
42	Mancherial	Nasipur	9
43	Mancherial	Chennur	8
44	Mancherial	Kyathanpally	382
45	Mancherial	Luxettipet	192
46	Mancherial	Mandamarri	36
	Mancherial Total		711
47	Ranga Reddy	Pedda Amberpet	52
48	Ranga Reddy	Badangpet Corpn.	1507
49	Ranga Reddy	Ibrahimpattanam	93
50	Ranga Reddy	Jalpally	97
51	Ranga Reddy	Meerpet Corpn.	589
52	Ranga Reddy	Shadnagar	89
53	Ranga Reddy	Shamshabad	
54	Ranga Reddy	Turkayamjal	33
55	Ranga Reddy	Manikonda	177
56	Ranga Reddy	Narsingi	53
57	Ranga Reddy	Bandlaguda jagir Corpn.	102
58	Ranga Reddy	Adibatla	299
59	Ranga Reddy	Shankarpally	25
60	Ranga Reddy	Thukkuguda	559
61	Ranga Reddy	Amangal	19
62	Ranga Reddy	Kothur	42
	Ranga Reddy Total		3736
63	Vikarabad	Tandur	232
64	Vikarabad	Vikarabad	211
65	Vikarabad	Parigi	127
66	Vikarabad	Kodangal	81
	Vikarabad Total		651
67	Medchal-Ma1kajgiri	Medchal	137
68	Medchal-Ma1kajgiri	Boduppall Corpn.	220
69	Medchal-Ma1kajgiri	Peerzadiguda Corpn.	356
70	Medchal-Ma1kajgiri	Jawaharnagar Corpn.	64
71	Medchal-Ma1kajgiri	Dhammaiguda	77
72	Medchal-Ma1kajgiri	Nagaram	38
73	Medchal-Ma1kajgiri	pocharam	45
74	Medchal-Ma1kajgiri	Ghatkesar	19
75	Medchal-Ma1kajgiri	Gundlapochampally	54
76	Medchal-Ma1kajgiri	Thumkunta	51
77	Medchal-Ma1kajgiri	Nizampet Corpn.	1710
78	Medchal-Ma1kajgiri	Kompally	1284
79	Medchal-Ma1kajgiri	Dundigal	213
	Medchal-Ma1kajgiri Total		4268
80	Nizamabad	Nizamabad Corpn.	223
81	Nizamabad	Bodhan	160
82	Nizamabad	Armur	217
83	Nizamabad	Bheemgal	13
	Nizamabad Total		613
84	Kamareddy	Kamareddy	73

Sl.No.	Name of the District	Name of the Municipality / Municipal Corporation	Total No. of RWH
85	Kamareddy	Banswada	83
86	Kamareddy	Yellareddy	6
	Kamareddy Total		162
87	Yadadri Bhuvanagiri	Bhongir	32
88	Yadadri Bhuvanagiri	Mothkur	5
89	Yadadri Bhuvanagiri	Choutuppal	167
90	Yadadri Bhuvanagiri	Alair	5
91	Yadadri Bhuvanagiri	Pochampally	11
92	Yadadri Bhuvanagiri	Yadagirigutta	13
	Yadadri Bhuvanagiri Total		233
93	Suryapet	Suryapet	316
94	Suryapet	Kodada	32
95	Suryapet	Huzurnagar	2
96	Suryapet	Neredcherla.	0
97	Suryapet	Tirumalagiri	0
	Suryapet Total		350
98	Nalgonda	Devarakonda	12
99	Nalgonda	Nalgonda	38
100	Nalgonda	Miryalguda	41
101	Nalgonda	Nandikonda	0
102	Nalgonda	Chityal	35
103	Nalgonda	Haliya	254
104	Nalgonda	Chandur	32
105	Nalgonda	Nakrekal	5
	Nalgonda Total		417
106	Siddipet	Siddipet	70
107	Siddipet	Gajwel	95
108	Siddipet	Dubbaka	5
109	Siddipet	Husnabad	135
110	Siddipet	Cherial	104
	Siddipet Total		409
111	Sangareddy	Sangareddy	31
112	Sangareddy	Sadasivapet	28
113	Sangareddy	Zaheerabad	39
114	Sangareddy	Andol-Jogipet	8
115	Sangareddy	Narayankhed	25
116	Sangareddy	Bollaram	364
117	Sangareddy	Teilapur	1678
118	Sangareddy	Ameenpur	
	Sangareddy Total		2173
119	Medak	Medak	6
120	Medak	Thoopran	5
121	Medak	Ramayampet	2
122	Medak	Narsapur	5
	Medak Total		18
123	Mahabubnagar	Mahaboobnagar	133
124	Mahabubnagar	Bhoothpur	33
125	Mahabubnagar	Jadcherla (Badepally)	44
	Mahabubnagar Total		210
126	Narayanpet	Narayanapet	131
127	Narayanpet	Makthal	73
128	Narayanpet	Kosgi	42
	Narayanpet Total		246
129	Jogulamba Gadwal	Gadwal	6

Sl.No.	Name of the District	Name of the Municipality / Municipal Corporation	Total No. of RWH
130	Jogulamba Gadwal	leeja	45
131	Jogulamba Gadwal	Waddepalle	6
132	Jogulamba Gadwal	Alampur	6
	Jogulamba Gadwal Total		63
133	Wanaparth	Wanaparth	10
134	Wanaparth	Kothakota	3
135	Wanaparth	Pebbair	3
136	Wanaparth	Atmakur	2
137	Wanaparth	Amarchinta	1
	Wanaparth Total		19
138	Nagarkurnool	Nagarkurnool	15
139	Nagarkurnool	Kollapur	68
140	Nagarkurnool	Kalwakurthy	18
141	Nagarkurnool	Achampet	8
	Nagarkurnool Total		109
GRAND TOTAL			27811

Monthly Progress for the month of December-2022 during F.Y.2022-23

		During December-22	Cumulative Since April-2022 during F.Y.2022-23
Rain Water Harvesting Artificial Recharge Structures (ARS)	Sites Recommended	361	3453

Details of the legacy dumpsites where Bio-mining works taken up as per CPCB Guidelines

Annexure-VIII(A): 141 ULBs status of Bio-Mining as on 30-04-2024

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
1	Bhongir	Completed	35104	35104	Completed	Completed	Completed	Completed	Completed
2	Jalpally	Completed	7666	7666	Completed	Completed	Completed	Completed	Completed
3	Naraynapet	Completed	6345	6345	Completed	Completed	Completed	Completed	Completed
4	Medak	Completed	40321	40321	Completed	Completed	Completed	Completed	Completed
5	Zaheerabad	Completed	57104	57104	Completed	Completed	Completed	Completed	Completed
6	Ameenpur	Completed	31620	31620	Completed	Completed	Completed	Completed	Completed
7	Pocharam	Completed	470	470	Completed	Completed	Completed	Completed	Completed
8	Nizampet	Completed	550	550	Completed	Completed	Completed	Completed	Completed
9	Dharmपुरi	Completed	470	470	Completed	Completed	Completed	Completed	Completed
10	Bheemgal	Completed	350	350	Completed	Completed	Completed	Completed	Completed
11	Yellareddy	Completed	1170	1170	Completed	Completed	Completed	Completed	Completed
12	Cherial	Completed	550	550	Completed	Completed	Completed	Completed	Completed
		Completed Total	181720	NA	NA	NA	NA	NA	NA
13	Jangaoan	Screening of waste	21121	3,600	10,800	6,721	Completed	Completed	Completed
14	Dundigal	Screening of waste	22736	6,000	16,736	Completed	Completed	Completed	Completed
15	Thumuknta	Screening of waste	22321	3,500	9,000	9,821	Completed	Completed	Completed
16	Khammam	Screening of waste	262241	59,180	70,000	60,000	51,061	22000	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
17	Sircilla	Screening of waste	86554	40,285	26,000	20,269	Completed	Completed	Completed
18	Jagitial	Screening of waste	147863	58,181	30,000	25,000	34,682	Completed	Completed
19	Nizamabad	Screening of waste	351532	1,374	11,870	81,870	90,000	80,000	84,418
20	Adilabad	Screening of waste	116834	60,931	55,903	Completed	Completed	Completed	Completed
21	Siddipet	Screening of waste	43550	40,637	2,913	Completed	Completed	Completed	Completed
22	Karimnagar	Screening of waste	225800	95,500	96,000	34,300	Completed	Completed	Completed
23	GWMC	Screening of waste	400000	183,607	76,912	67,000	69,393	Completed	Completed
24	Suryapet	Screening of waste	80000	32000	30,000	18,000	Completed	Completed	Completed
25	Mahabubnagar	Screening of waste	150000	24000	60,000	45,000	21,000	Completed	Completed
		Screening of waste Total	1930552	NA	NA	NA	NA	NA	NA
26	Dornakal	Spraying of Inoculum bacteria	320	0	320	Completed	Completed	Completed	Completed
27	Thorrur	Spraying of Inoculum bacteria	14008	0	14,008	Completed	Completed	Completed	Completed
28	Maripeda	Spraying of Inoculum bacteria	2524	0	2,524	Completed	Completed	Completed	Completed
29	Manuguru	Spraying of Inoculum bacteria	16410	0	5,000	11410	Completed	Completed	Completed
30	Wyra	Spraying of Inoculum bacteria	13020	0	13,020	Completed	Completed	Completed	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
31	Madhira	Spraying of Inoculum bacteria	23725	0	5,000	18725	Completed	Completed	Completed
32	Sattupalli	Spraying of Inoculum bacteria	12834	0	12,834	Completed	Completed	Completed	Completed
33	Jadcherla	Spraying of Inoculum bacteria	53000	0	5,000	23,500	24,500	Completed	Completed
34	Bhoothpur	Spraying of Inoculum bacteria	1719	0	1719	Completed	Completed	Completed	Completed
35	Vemulawada	Spraying of Inoculum bacteria	44372	0	22,500	21,872	Completed	Completed	Completed
36	Jammikunta	Spraying of Inoculum bacteria	12772	0	12,772	Completed	Completed	Completed	Completed
37	Choppandandi	Spraying of Inoculum bacteria	2217	0	2,217	Completed	Completed	Completed	Completed
38	Kothapally	Spraying of Inoculum bacteria	1231	0	1,231	Completed	Completed	Completed	Completed
39	Huzurabad	Spraying of Inoculum bacteria	25738	0	5,000	20738	Completed	Completed	Completed
40	Raikal	Spraying of Inoculum bacteria	1913	0	1,913	Completed	Completed	Completed	Completed
41	Korutla	Spraying of Inoculum bacteria	65103	0	31,350	33,753	Completed	Completed	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
42	Metpally	Spraying of Inoculum bacteria	32343	0	5,000	27343	Completed	Completed	Completed
43	Parkal	Spraying of Inoculum bacteria	1351	0	1,351	Completed	Completed	Completed	Completed
44	Narsampet	Spraying of Inoculum bacteria	2162	0	2,162	Completed	Completed	Completed	Completed
45	Wardanapet	Spraying of Inoculum bacteria	1711	0	1,711	Completed	Completed	Completed	Completed
46	Khanapur	Spraying of Inoculum bacteria	5444	0	5,444	Completed	Completed	Completed	Completed
47	Bhainsa	Spraying of Inoculum bacteria	11550	0	11,550	Completed	Completed	Completed	Completed
48	Nirmal	Spraying of Inoculum bacteria	33468	0	5,000	33468	Completed	Completed	Completed
49	Armoor	Spraying of Inoculum bacteria	16097	0	16,097	Completed	Completed	Completed	Completed
50	Banswada	Spraying of Inoculum bacteria	17409	0	8,411	8998	Completed	Completed	Completed
51	Manthani	Spraying of Inoculum bacteria	11870	0	11,870	Completed	Completed	Completed	Completed
52	Ramagundam	Spraying of Inoculum bacteria	14609	0	14,609	Completed	Completed	Completed	Completed

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1	2	3	4	5	6	7	8	9	10
53	Sulthanabad	Spraying of Inoculum bacteria	8411	0	8,411	Completed	Completed	Completed	Completed
54	Bhupallapally	Spraying of Inoculum bacteria	6151	0	6,151	Completed	Completed	Completed	Completed
55	Mandamarri	Spraying of Inoculum bacteria	41736	0	5,000	20000	16736	Completed	Completed
56	Mancherial	Spraying of Inoculum bacteria	62431	0	32,431	30000	Completed	Completed	Completed
57	Kyathanpally	Spraying of Inoculum bacteria	29945	0	5,000	24945	Completed	Completed	Completed
58	Bellampally	Spraying of Inoculum bacteria	34170	0	5,000	29170	Completed	Completed	Completed
59	Nasipur	Spraying of Inoculum bacteria	49003	0	25,000	24,003	Completed	Completed	Completed
60	Chennur	Spraying of Inoculum bacteria	14724	0	14,724	Completed	Completed	Completed	Completed
61	Luxettipet	Spraying of Inoculum bacteria	10153	0	10,153	Completed	Completed	Completed	Completed
62	Husnabad	Spraying of Inoculum bacteria	6412	0	6,412	Completed	Completed	Completed	Completed
63	Dubbaka	Spraying of Inoculum bacteria	1790	0	1,790	Completed	Completed	Completed	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
64	Ramayampet	Spraying of Inoculum bacteria	5234	0	5,234	Completed	Completed	Completed	Completed
65	Narsapur	Spraying of Inoculum bacteria	7238	0	7,238	Completed	Completed	Completed	Completed
66	Thoopran	Spraying of Inoculum bacteria	10036	0	10,036	Completed	Completed	Completed	Completed
		Spraying of Inoculum bacteria Total	726354	NA	NA	NA	NA	NA	NA
67	Choutuppal	Windrow Formation	16824	0	4,000	12,824	Completed	Completed	Completed
68	Pochampally	Windrow Formation	1329	0	1329	Completed	Completed	Completed	Completed
69	Alair	Windrow Formation	1185	0	1185	Completed	Completed	Completed	Completed
70	Yadagirigutta	Windrow Formation	2196	0	2196	Completed	Completed	Completed	Completed
71	Mothukur	Windrow Formation	12572	0	3,000	9,572	Completed	Completed	Completed
72	Ghatkesar	Windrow Formation	3370	0	3370	Completed	Completed	Completed	Completed
73	Nagaram	Windrow Formation	12430	0	3,200	9,230	Completed	Completed	Completed
74	Ibrahimpatnam	Windrow Formation	17801	0	7,500	10,301	Completed	Completed	Completed
75	PeddaAmberpet	Windrow Formation	13779	0	4,600	9179	Completed	Completed	Completed
76	Shadnagar	Windrow Formation	32550	0	6,200	26,350	Completed	Completed	Completed
77	Thukkuguda	Windrow Formation	8205	0	3,500	4705	Completed	Completed	Completed
78	Adibatla	Windrow Formation	1363	0	1363	Completed	Completed	Completed	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
79	Mahabubabad	Windrow Formation	62685	0	32,685	30,000	Completed	Completed	Completed
80	Yellandu	Windrow Formation	37602	0	26,000	11,602	Completed	Completed	Completed
81	Palwancha	Windrow Formation	39914	0	26,000	13,914	Completed	Completed	Completed
82	Kothagudem	Windrow Formation	102117	0	20,000	35,000	47117	Completed	Completed
83	Kosgi	Windrow Formation	5640	0	1,200	4440	Completed	Completed	Completed
84	Makthal	Windrow Formation	11000	0	3,000	8,000	Completed	Completed	Completed
85	Atmakur	Windrow Formation	1447	0	1447	Completed	Completed	Completed	Completed
86	Amarchintha	Windrow Formation	2150	0	2,150	Completed	Completed	Completed	Completed
87	Wanaparthy	Windrow Formation	22338	0	3,000	10,000	9338	Completed	Completed
88	Pebbair	Windrow Formation	2820	0	2,820	Completed	Completed	Completed	Completed
89	kothakota	Windrow Formation	7651	0	7,651	Completed	Completed	Completed	Completed
90	Kalwakurthy	Windrow Formation	8712	0	8,712	Completed	Completed	Completed	Completed
91	Kollapur	Windrow Formation	11113	0	3,000	8,113	Completed	Completed	Completed
92	Atchampet	Windrow Formation	8816	0	3,000	5,816	Completed	Completed	Completed
93	Nagarkurnool	Windrow Formation	8592	0	3,500	5,092	Completed	Completed	Completed
94	Waddepalle	Windrow Formation	8817	0	3,000	5,817	Completed	Completed	Completed
95	Gadwal	Windrow Formation	7179	0	2,500	4,679	Completed	Completed	Completed
96	Leeja	Windrow Formation	7686	0	1,800	5,886	Completed	Completed	Completed
97	Alampur	Windrow Formation	2497	0	2497	Completed	Completed	Completed	Completed
98	Bodhan	Windrow Formation	43906	0	21,000	22906	Completed	Completed	Completed
99	Kamareddy	Windrow Formation	77269	0	55,000	22,269	Completed	Completed	Completed

Sl.No	ULB Name	Status (Completed, No Legacy, In progress, Not started)	Quatity of legacy waste (MT)	Remediated legacy waste till 31st March 2024	Remediated legacy waste till 30th June 2024	Remediated legacy waste till 30th September 2024	Remediated legacy waste till 31st December 2024	Remediated legacy waste till 31st March 2025	Remediated legacy waste till 30th June 2025
1	2	3	4	5	6	7	8	9	10
100	Peddapalli	Windrow Formation	45479	0	21,000	24479	Completed	Completed	Completed
101	Kagaznagar	Windrow Formation	34810	0	9,000	25810	Completed	Completed	Completed
102	Gajwel	Windrow Formation	20722	0	9,000	11722	Completed	Completed	Completed
103	SangaReddy	Windrow Formation	1261	0	1261	Completed	Completed	Completed	Completed
104	Sadasivapet	Windrow Formation	15648	0	3,000	12,648	Completed	Completed	Completed
105	Naryanakhed	Windrow Formation	9291	0	2,500	6,791	Completed	Completed	Completed
106	Andole Jogipet	Windrow Formation	1746	0	1746	Completed	Completed	Completed	Completed
107	Tellapur	Windrow Formation	22158	0	3,000	19158	Completed	Completed	Completed
108	Bollarum	Windrow Formation	16414	0	3,200	7,000	6214	Completed	Completed
109	Vikarabad	Windrow Formation	41557	0	5,500	28,000	8057	Completed	Completed
110	Tandur	Windrow Formation	6015	0	6,100	Completed	Completed	Completed	Completed
111	Parigi	Windrow Formation	9984	0	3,300	6684	Completed	Completed	Completed
112	Kodangal	Windrow Formation	1842	0	1842	Completed	Completed	Completed	Completed
		Windrow Formation Total	830480	NA	NA	NA	NA	NA	NA
113	Shamshabad	No legacy waste	NA	NA	NA	NA	NA	NA	NA
114	Shankerpally	No legacy waste	NA	NA	NA	NA	NA	NA	NA
115	Boduppal	No legacy waste	NA	NA	NA	NA	NA	NA	NA
116	Peerzadiguda	No legacy waste	NA	NA	NA	NA	NA	NA	NA
117	Gundlapochampally	No legacy waste	NA	NA	NA	NA	NA	NA	NA
118	Manikonda	No legacy waste	NA	NA	NA	NA	NA	NA	NA

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1	2	3	4	5	6	7	8	9	10
119	Badangpet	No legacy waste	NA	NA	NA	NA	NA	NA	NA
120	Meerpet	No legacy waste	NA	NA	NA	NA	NA	NA	NA
121	Turkayamjal	No legacy waste	NA	NA	NA	NA	NA	NA	NA
122	Narsingi	No legacy waste	NA	NA	NA	NA	NA	NA	NA
123	Bandlaguda Jagir	No legacy waste	NA	NA	NA	NA	NA	NA	NA
124	Amangal	No legacy waste	NA	NA	NA	NA	NA	NA	NA
125	Kothur	No legacy waste	NA	NA	NA	NA	NA	NA	NA
126	Kompally	No legacy waste	NA	NA	NA	NA	NA	NA	NA
127	Medchal	No legacy waste	NA	NA	NA	NA	NA	NA	NA
128	Jawaharnagar	No legacy waste	NA	NA	NA	NA	NA	NA	NA
129	Dhammaiguda	No legacy waste	NA	NA	NA	NA	NA	NA	NA
130	Nakrekal	No legacy waste	NA	NA	NA	NA	NA	NA	NA
		No legacy waste Total	0	NA	NA	NA	NA	NA	NA
131	Miryalguda	Retendered	33639	0	0	8,400	12,200	13,039	Completed
132	Nalgonda	Retendered	64278	0	0	12,200	22,000	26,500	3,578
133	Haliya	Retendered	4446	0	0	4446	Completed	Completed	Completed
134	Nandikonda	Retendered	4341	0	0	4,341	Completed	Completed	Completed
135	Chandur	Retendered	4624	0	0	4624	Completed	Completed	Completed
136	Chityal	Retendered	3681	0	0	3681	Completed	Completed	Completed
137	Devarakonda	Retendered	16727	0	0	4,400	10,000	2327	Completed

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1	2	3	4	5	6	7	8	9	10
138	Tirumalgiri	Retendered	1648	0	0	1,648	Completed	Completed	Completed
139	Huzurnagar	Retendered	12344	0	0	3,000	9,344	Completed	Completed
140	Neredcherla	Retendered	2626	0	0	2,626	Completed	Completed	Completed
141	Kodada	Retendered	28540	0	0	8,000	13,000	7,540	Completed
		Retendered Total	176894	NA	NA	NA	NA	NA	NA
Remediated Waste Grand Total			3846000	790515	1200181	1171259	444642	151406	87996

Qtr wise target of Legacy Waste to be processed		
S. No.	Quarter wise Progress Report	Remediated Legacy Waste (Qty in Lakh MT)
1	Remediated legacy waste till 31st March 2024	7.9
2	Remediated legacy waste till 30th June 2024	12
3	Remediated legacy waste till 30th September 2024	11.71
4	Remediated legacy waste till 31st December 2024	4.45
5	Remediated legacy waste till 31st March 2025	1.52

6	Remediated legacy waste till 30th June 2025	0.88
	Total	38.46

ANNEXURE-XII																					
Ground water Quality during Post Monsoon 2022																					
S N O	River	Prio rity	District	Village	Lat_ GIS	Long _GIS	p H at 25 °C	EC (μS / C m) at 25 °C	T D S (m g/L)	Na ⁺ (m g/L)	K ⁺ (m g/L)	Ca ⁺ (m g/L)	Mg ⁺ (m g/L)	CO ⁻ ₃ (m g/L)	HC O ₃ ⁻ (m g/L)	Cl ⁻ (m g/L)	SO ⁻ ₄ (m g/L)	NO ⁻ ₃ (m g/L)	F ⁻ (mg/ L)	T.H (m g/L)	SA R
1	Musi	I	HYDERABAD	S.R.Nagar	17.4 42	78.4 44	7. 36	11 04	707	61	1	120	29	0	280	120	67	51		420	1.2 9

2	Musi	I	HYDERABAD	Himayanagar	17.398	78.445	7.76	975	624	45	1	72	53	0	360	60	44	2	Not analysed	400	0.98
3	Musi	I	HYDERABAD	Kulsanapur	17.374	78.437	8.94	1177	753	134	8	32	58	40	220	140	149	20		320	3.26
4	Musi	I	HYDERABAD	Chandraingutta	17.333	78.484	7.92	999	639	57	2	104	39	0	290	90	110	14		420	1.20
5	Musi	I	HYDERABAD	Bahadurpura	17.351	78.458	8.04	1176	753	118	2	56	49	0	430	100	29	1		340	2.79
6	Musi	I	HYDERABAD	Darul Shifa	17.381	78.485	8.92	1114	713	119	54	16	49	30	200	130	134	24		240	3.34
7	Musi	I	HYDERABAD	A.P.Secretariat	17.409	78.470	8.08	598	383	25	3.1	64	29	0	140	30	144	5		280	0.65
8	Musi	I	HYDERABAD	Khairathabad	17.411	78.461	8.84	736	471	23	14	88	19	20	190	20	88	51		300	0.57
9	Musi	I	HYDERABAD	Maredpally(s)	17.441	78.509	7.76	820	525	52	1	64	39	0	220	70	114	1		320	1.27
10	Musi	I	HYDERABAD	Musheerabad	17.422	78.512	8.07	1160	742	115	1	80	29	0	330	60	126	40		320	2.79
11	Musi	I	HYDERABAD	Nampally	17.385	78.474	8.63	1114	713	114	7	40	58	20	290	120	85	34		340	2.69
12	Musi	I	HYDERABAD	Juvinile home	17.361	78.508	7.93	988	632	58	10	96	29	0	270	80	76	41		360	1.33
13	Musi	I	JANGAON	Bachannapet	17.791	79.042	7.82	442	283	37	2	24	19	0	100	60	22	15	0.75	140	1.36
14	Musi	I	JANGAON	Padamati Keshapur	17.838	78.939	7.65	956	612	107	12	40	39	0	140	150	53	121	0.26	260	2.89
15	Musi	I	JANGAON	Devarupputa	17.537	79.356	7.9	1374	879	241	4	40	19	0	200	290	67	15	0.76	180	7.81
16	Musi	I	JANGAON	Singarajupalli	17.592	79.274	7.64	1034	662	114	2	32	49	0	180	150	48	99	0.64	280	2.96

17	Musi	I	JANGAON	Jangaon	17.6 97	79.1 47	8. 03	10 44	668	135	2	24	44	0	190	160	43	85	0.60	240	3.7 9
18	Musi	I	JANGAON	Siddanki	17.7 68	79.0 98	7. 87	34 9	223	36	2	8	19	0	110	30	11	13	1.88	100	1.5 7
19	Musi	I	JANGAON	Jeedikal	17.6 08	79.1 61	7. 69	11 67	747	159	14	24	39	0	130	270	50	17	2.20	220	4.6 6
20	Musi	I	JANGAON	Vadicherla	17.6 61	79.2 37	7. 11	79 6	509	59	11	24	49	0	120	160	39	11	0.62	260	1.5 9
21	Musi	I	JANGAON	Lingala ghanpur	17.6 59	79.2 00	7. 84	79 4	508	68	9	24	44	0	190	100	22	53	0.47	240	1.9 1
22	Musi	I	JANGAON	Machupaha d	17.8 71	79.2 22	7. 03	61 9	396	33	2	24	44	0	110	110	30	14	1.72	240	0.9 3
23	Musi	I	JANGAON	Ibrahimpur	17.7 59	79.2 29	7. 66	10 55	675	114	12	32	49	0	280	110	38	72	0.54	280	2.9 6
24	Musi	I	JANGAON	Nidigonda	17.7 31	79.2 31	7. 57	74 9	479	59	13	16	49	0	150	120	22	50	0.48	240	1.6 6
25	Musi	I	JANGAON	Raghunadh apalli	17.7 65	79.2 64	8. 1	98 7	632	128	6	24	39	0	230	150	39	20	0.92	220	3.7 5
26	Musi	I	MEDCHAL	Old Alwal	17.4 94	78.5 08	6. 23	14 34	918	94	2	152	29	0	220	180	119	128	2.17	500	1.8 2
27	Musi	I	MEDCHAL	Balanagar 1	17.4 70	78.4 50	6. 94	26 52	169 7	461	1	48	44	0	650	330	136	30	3.08	300	11. 57
28	Musi	I	MEDCHAL	Fethenagar	17.4 60	78.4 40	7. 74	15 54	995	199	3	80	44	0	240	240	140	119	1.09	380	4.4 4
29	Musi	I	MEDCHAL	Dulapally	17.5 50	78.4 60	7. 55	69 5	445	30	2	80	19	0	260	10	53	18	0.83	280	0.7 8
30	Musi	I	MEDCHAL	Dundigal	17.6 08	78.4 16	7. 44	15 02	961	101	263	40	24	0	490	110	86	19	1.55	200	3.1 0
31	Musi	I	MEDCHAL	Ghatkesar	17.4 47	78.6 79	7. 15	86 2	552	84	17	40	34	0	270	100	21	3	1.00	240	2.3 6

32	Musi	I	MEDCHAL	Cherlapally	17.4 68	78.6 11	7. 26	18 00	115 2	63	3	184	78	0	290	330	124	27	1.22	780	0.9 7
33	Musi	I	MEDCHAL	Balaji Nagar	17.5 47	78.5 47	6. 67	99 5	637	44	2	120	34	0	230	100	111	50	0.94	440	0.9 2
34	Musi	I	MEDCHAL	Yadgarpally	17.5 50	78.6 30	6. 65	92 0	589	56	8	88	24	0	210	80	84	45	1.47	320	1.3 5
35	Musi	I	MEDCHAL	Kessara	17.4 84	78.5 75	6. 61	39 0	250	43	1	40	10	0	100	50	52	5	0.44	140	1.5 6
36	Musi	I	MEDCHAL	Kukatpally 1	17.4 81	78.3 97	7. 16	14 51	929	118	2	120	39	0	470	120	63	7	0.88	460	2.4 0
37	Musi	I	MEDCHAL	Kukatpally 2	17.4 90	78.3 90	7. 73	61 0	390	42	4	40	29	0	170	60	53	6	0.64	220	1.2 4
38	Musi	I	MEDCHAL	Malkajgiri	17.4 49	78.5 35	6. 72	11 95	765	65	4	160	15	0	180	160	124	74	2.06	460	1.3 1
39	Musi	I	MEDCHAL	Gundla pochampall y	17.5 67	78.4 80	7. 07	98 0	627	58	23	88	29	0	260	80	84	32	1.35	340	1.3 6
40	Musi	I	MEDCHAL	Medchal	17.6 20	78.4 85	7. 34	99 0	634	47	1	80	58	0	380	60	68	1	2.08	440	0.9 8
41	Musi	I	MEDCHAL	Gajularama ram 1	17.5 30	78.4 20	6. 97	12 99	831	109	0.8	112	34	0	410	80	115	5	0.83	420	2.3 0
42	Musi	I	MEDCHAL	Gajularama ram 2	17.5 30	78.4 20	7. 15	10 14	649	99	1	88	19	0	250	90	104	29	1.13	300	2.4 9
43	Musi	I	MEDCHAL	Pothaipally	17.5 51	78.5 40	7. 02	18 99	121 5	120	14	200	53	0	190	290	175	265	1.22	720	1.9 5
44	Musi	I	MEDCHAL	Shahmirpet	17.5 83	78.5 74	7. 74	11 00	704	212	4	16	15	0	170	260	17	0.2 8	0.96	100	9.2 3
45	Musi	I	MEDCHAL	Turkapally	17.6 67	78.5 94	7. 03	13 95	893	64	3	136	53	0	340	180	77	21	1.85	560	1.1 7

46	Musi	I	MEDCHAL	Uppal	17.4 08	78.5 84	7. 52	10 56	676	89	3.7	112	15	0	420	10	76	23	1.20	340	2.0 9
47	Musi	I	NALGONDA	Kethepally	17.1 47	79.5 12	7. 79	19 56	125 2	241	1.4	120	58	0	350	410	120	7	1.08	540	4.5 1
48	Musi	I	NALGONDA	Kothagudem	16.8 25	79.5 98	7. 64	70 1	449	64	1	80	10	0	200	70	75	1	0.53	240	1.8 0
49	Musi	I	NALGONDA	Nakrekal	17.1 59	79.4 21	7. 20	12 42	795	92	4	152	5	0	230	150	125	24	0.62	400	2.0 0
50	Musi	I	NALGONDA	Palem	17.2 29	79.4 50	7. 18	13 43	860	58	2	136	63	0	300	180	150	36	0.73	600	1.0 3
51	Musi	I	NALGONDA	Vallabhapur	17.2 39	79.4 80	7. 37	14 99	959	60	7.9	200	19	0	150	310	115	0.2	0.66	580	1.0 9
52	Musi	I	NALGONDA	Baironibanda	17.3 02	79.3 01	7. 46	12 54	803	59	6	176	19	0	260	200	95	19	0.50	520	1.1 2
53	Musi	I	NALGONDA	P.Kondaram	17.2 49	79.4 23	7. 26	20 64	132 1	304	36	48	63	0	370	490	15	1	0.15	380	6.7 8
54	Musi	I	NALGONDA	Vallala	17.2 36	79.3 86	7. 34	79 8	511	70	19	64	24	0	280	60	65	0.3	0.27	260	1.8 9
55	Musi	I	NALGONDA	Mamidala	17.0 65	79.4 65	7. 36	21 77	139 3	190	38	112	88	0	390	270	200	173	1.48	640	3.2 7
56	Musi	I	RANGAREDDY	Balapur (Leninnagar)	17.2 48	78.4 52	7. 28	12 57	804	106	2	112	29	0	320	110	132	40	0.68	400	2.3 0
57	Musi	I	RANGAREDDY	Alur	17.3 24	78.0 64	7. 81	45 2	289	12	2	56	19	0	170	20	26	25	0.29	220	0.3 6
58	Musi	I	RANGAREDDY	Dharmasagar	17.3 36	78.1 54	8. 01	65 2	417	21	1	56	39	0	240	30	32	36	0.26	300	0.5 3
59	Musi	I	RANGAREDDY	Batasingaram	17.2 97	78.7 36	8. 01	10 72	686	106	2	64	49	0	260	120	146	4	2.39	360	2.4 3

60	Musi	I	RANGAREDD Y	Kuntloor	17.3 39	78.6 28	7. 55	43 1	276	24	4	48	15	0	110	30	44	44	0.52	180	0.7 6
61	Musi	I	RANGAREDD Y	Elimenadu	17.1 49	78.5 99	7. 54	10 10	646	44	2	112	39	0	400	50	47	32	1.02	440	0.9 2
62	Musi	I	RANGAREDD Y	Kongarkala n	17.2 04	78.5 45	7. 65	90 0	576	35	3	56	58	0	380	10	41	30	1.23	380	0.7 9
63	Musi	I	RANGAREDD Y	Mangalpall y	17.2 20	78.5 98	7. 36	83 3	533	35	1	96	24	0	300	20	55	34	0.75	340	0.8 3
64	Musi	I	RANGAREDD Y	Kandukur	17.0 80	78.4 80	7. 34	87 6	561	48	1	80	34	0	310	20	71	42	1.30	340	1.1 3
65	Musi	I	RANGAREDD Y	Maheswara m	17.1 35	78.4 39	8. 26	25 5	163	19	2	24	7	0	50	50	13	0.3	0.14	90	0.8 7
66	Musi	I	RANGAREDD Y	Pondiyala	17.1 17	78.3 79	8. 15	15 27	977	191	3	56	73	0	530	130	102	44	2.42	440	3.9 6
67	Musi	I	RANGAREDD Y	Bodakonda	17.0 62	78.7 69	7. 64	86 5	554	73	0.4	80	44	0	390	30	60	36	2.12	380	1.6 3
68	Musi	I	RANGAREDD Y	Manchal	17.1 60	78.7 39	8. 11	98 9	633	82	6	72	49	0	370	60	84	18	2.54	380	1.8 3
69	Musi	I	RANGAREDD Y	Kethereddi pally	17.2 76	78.2 23	7. 50	18 68	119 6	139	81	160	58	0	390	280	180	67	0.24	640	2.3 9
70	Musi	I	RANGAREDD Y	Moinabad	17.3 30	78.2 90	7. 61	66 5	426	54	1	80	10	0	250	20	72	11	0.34	240	1.5 2
71	Musi	I	RANGAREDD Y	Rajender Nagar	17.3 16	78.4 05	7. 00	27 02	172 9	108	2	432	39	0	210	680	276	31	1.17	124 0	1.3 3
72	Musi	I	RANGAREDD Y	Nadhargull	17.2 72	78.5 41	7. 41	12 05	771	90	2	96	49	0	340	110	100	46	0.81	440	1.8 7
74	Musi	I	RANGAREDD Y	Antharam	17.0 50	78.7 77	7. 61	96 4	617	92	76	80	15	0	230	80	134	80	0.45	260	2.4 8
75	Musi	I	RANGAREDD Y	Shahbad	17.2 02	78.1 04	7. 01	61 1	391	11	1	104	19	0	260	20	66	3	0.45	340	0.2 6

76	Musi	I	RANGAREDDY	Malkaram	17.256	78.282	7.96	1126	721	108	14	120	19	0	320	100	136	39	0.55	380	2.41
77	Musi	I	RANGAREDDY	Palmokole	17.204	78.301	7.46	1234	790	115	3	128	24	0	350	90	178	8	0.74	420	2.44
78	Musi	I	RANGAREDDY	Utlapally	17.250	78.368	7.40	967	619	44	1	88	49	0	350	40	94	20	0.71	420	0.93
79	Musi	I	RANGAREDDY	Shankarpalli	17.453	78.131	7.26	576	369	29	5	72	15	0	150	60	62	8	0.29	240	0.81
80	Musi	I	RANGAREDDY	Yeravaguda	17.409	78.127	7.51	646	413	82	10	64	5	0	210	50	82	11	0.39	180	2.66
81	Musi	I	RANGAREDDY	Tumotoniguda (Mall)	16.992	78.701	7.99	1703	1090	371	2	56	10	0	800	40	80	28	3.70	180	12.02
82	Musi	I	RANGAREDDY	Yacharam	17.050	78.670	7.18	812	520	37	2	152	10	0	370	40	60	4	1.21	420	0.78
83	Musi	I	SIDDIPET	Chatlapally	17.851	78.858	7.11	385	246	29	1	40	10	0	100	10	47	50	0.56	140	1.07
84	Musi	I	SIDDIPET	Dharmaram	17.716	78.814	7.15	1027	657	102	3	80	19	0	140	130	135	40	1.75	280	2.64
85	Musi	I	SIDDIPET	Kondapur	17.786	78.849	6.88	1123	719	81	4	120	29	0	130	130	130	175	0.99	420	1.71
86	Musi	I	SIDDIPET	T.Narsapur	17.857	78.863	7.28	872	558	36	1	80	39	0	330	20	66	4	1.52	360	0.83
87	Musi	I	SIDDIPET	Adivimajid	17.706	78.676	7.06	384	246	39	1	32	10	0	160	10	25	1	1.49	120	1.54
88	Musi	I	SIDDIPET	Zaptisingaipally	17.694	78.614	7.44	1364	873	101	4	72	58	0	160	220	84	97	1.24	420	2.14
89	Musi	I	SURYAPET	Bethevole	16.968	79.812	6.41	1693	1084	181	2	96	68	0	230	290	238	30	0.55	520	3.45
90	Musi	I	SURYAPET	Chilkuru	16.953	79.886	6.95	602	385	65	2	56	39	0	230	70	108	2	0.78	300	1.63

91	Musi	I	SURYAPET	Dondapadu	16.8 18	80.0 13	7. 15	72 8	466	54	1	96	24	0	240	60	114	9	0.55	340	1.2 7
92	Musi	I	SURYAPET	Gudimalkapur	16.7 97	79.9 81	6. 92	17 96	114 9	156	2	168	34	0	270	320	104	51	0.86	560	2.8 7
93	Musi	I	SURYAPET	Thogarrai	16.9 37	79.9 32	7. 30	62 1	397	66	4	64	34	0	170	80	152	14	0.68	300	1.6 6
94	Musi	I	SURYAPET	Mellacheruvu	16.8 37	79.9 05	7. 63	97 5	624	103	5	88	19	0	140	130	212	3	0.38	300	2.5 9
95	Musi	I	SURYAPET	Akupamula	17.0 33	79.8 73	7. 60	93 6	599	99	6	80	15	0	160	110	150	3	0.41	260	2.6 7
96	Musi	I	SURYAPET	Dirsencerla	16.8 53	79.6 74	7. 42	64 7	414	57	2	48	24	0	180	50	88	6	0.61	220	1.6 7
97	Musi	I	SURYAPET	Janpahad	16.7 39	79.7 07	7. 55	91 5	586	100	1	56	39	0	110	120	228	12	1.02	300	2.5 1
98	Musi	I	SURYAPET	Palakeedu	16.8 04	79.6 95	7. 88	60 0	384	42	2	48	24	0	160	60	58	4	0.32	220	1.2 3
99	Musi	I	SURYAPET	Pillalamarry	17.1 46	79.5 75	7. 58	28 17	180 3	260	59	176	107	0	350	680	220	19	0.98	880	3.8 1
100	Musi	I	SURYAPET	Yerkaram	17.2 29	79.5 75	7. 62	79 7	510	88	10	56	34	0	360	30	50	34	0.96	280	2.2 9
101	Musi	I	VIKARABAD	Pedda Umintyal	17.2 28	77.9 75	7. 26	88 7	568	20	5	96	39	0	360	30	41	2	0.71	400	0.4 3
102	Musi	I	VIKARABAD	Pudur	17.2 64	77.9 57	7. 81	20 1	129	13	4	8	15	0	70	20	10	3	0.19	80	0.6 3
103	Musi	I	YADADRI	Kolanpaka	17.6 97	79.0 20	7. 06	74 5	477	99	10	48	19	0	310	50	38	11	0.71	200	3.0 4
104	Musi	I	YADADRI	Sarajipet	17.6 18	79.1 19	7. 84	25 4	163	18	2	40	5	0	100	10	42	7	0.46	120	0.7 1
105	Musi	I	YADADRI	Chada	17.4 77	79.0 75	7. 68	48 2	308	19	3	80	10	0	140	20	40	85	1.50	240	0.5 3

106	Musi	I	YADADRI	B.Pochampalli	17.336	78.811	7.85	2034	1302	266	5	112	58	0	340	400	150	36	1.17	520	5.07
107	Musi	I	YADADRI	Bhongiri	17.485	78.907	7.84	661	423	48	2	80	19	0	200	30	82	66	1.62	280	1.25
108	Musi	I	YADADRI	Chandupatla	17.499	78.979	7.33	475	304	45	5	80	5	0	190	60	34	14	0.57	220	1.32
109	Musi	I	YADADRI	Nandanam	17.437	78.927	7.01	1935	1238	338	2	120	15	0	460	330	128	23	4.67	360	7.75
110	Musi	I	YADADRI	Bibinagar	17.460	78.802	7.95	1412	904	81	2	208	19	0	300	130	148	173	0.94	600	1.44
111	Musi	I	YADADRI	D.Malkapur	17.258	78.803	7.80	735	470	39	2	128	5	0	350	20	44	5	1.22	340	0.92
112	Musi	I	YADADRI	Ch.Laxmapur	17.651	78.754	7.23	706	452	90	2	64	5	0	290	30	40	7	1.18	180	2.92
113	Musi	I	YADADRI	Kanchanapalli	17.404	79.340	7.50	1367	875	66	3	184	19	0	300	90	92	214	0.46	540	1.23
114	Musi	I	YADADRI	Mothukur	17.447	79.263	7.62	1142	731	192	2	40	39	0	360	190	50	3	1.61	260	5.18
115	Musi	I	YADADRI	Paladugu	17.394	79.193	7.88	1335	854	130	5	176	10	0	380	240	34	10	1.58	480	2.58
116	Musi	I	YADADRI	Podichedu	17.378	79.280	8.40	1783	1141	207	103	80	44	0	400	250	134	110	0.49	380	4.62
117	Musi	I	YADADRI	Bondugala	17.768	78.967	7.85	1435	918	251	16	80	10	0	340	250	92	11	0.52	240	7.04
118	Musi	I	YADADRI	Kurraram	17.775	78.930	8.01	941	602	88	5	112	29	0	330	80	80	76	0.52	400	1.91
119	Musi	I	YADADRI	Raghunadapuram	17.679	78.947	7.03	1002	641	71	2	80	53	0	380	70	54	40	2.36	420	1.51
120	Musi	I	YADADRI	Rajapet	17.729	78.933	7.81	745	477	38	2	104	34	0	210	20	46	245	1.84	400	0.83

12 1	Musi	I	YADADRI	Somaram	17.7 26	78.9 92	7. 57	78 1	500	38	5	128	15	0	360	10	54	49	0.48	380	0.8 5
12 2	Musi	I	YADADRI	Ramanapet	17.2 83	79.0 95	7. 95	13 38	856	100	2	72	78	0	400	200	20	15	1.42	500	1.9 4
12 3	Musi	I	YADADRI	Yellanki	17.2 94	79.0 31	7. 00	10 57	676	93	3	104	24	0	310	30	50	205	0.95	360	2.1 3
12 4	Musi	I	YADADRI	Yennaram	17.3 18	79.2 03	7. 12	10 71	685	104	1	96	34	0	360	120	60	10	1.97	380	2.3 2
12 5	Musi	I	YADADRI	Gandamalla	17.7 33	78.8 54	7. 90	24 13	154 4	221	176	112	78	0	630	230	166	195	1.37	600	3.9 2
12 6	Musi	I	YADADRI	Arror	17.3 87	79.1 08	7. 35	19 60	125 4	217	1	152	49	0	290	420	160	25	0.79	580	3.9 2
12 7	Musi	I	YADADRI	T. somaram	17.4 00	78.9 52	8. 06	12 87	824	162	4	104	19	0	350	160	106	18	1.53	340	3.8 2
12 8	Musi	I	YADADRI	Varkatpally	17.3 39	78.9 32	7. 20	22 84	146 2	229	18	200	58	0	380	480	136	103	0.71	740	3.6 6
12 9	Musi	I	YADADRI	Vemulakon da	17.3 48	79.1 43	7. 44	33 52	214 5	322	3	320	63	0	260	840	266	48	0.58	106 0	4.3 0
13 0	Musi	I	YADADRI	Mallapuram	17.6 34	78.9 12	8. 01	51 0	326	42	2	64	15	0	240	10	42	13	2.55	220	1.2 3
13 1	Musi	I	YADADRI	Motakondur	17.5 53	79.0 29	7. 14	65 1	417	31	4	128	10	0	330	50	14	17	0.89	360	0.7 1
13 2	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Achampet	18.2 10	77.9 30	7. 52	18 56	118 8	287	2	88	29	0	380	330	97	39	2.21	340	6.7 6

13 3	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Argonda	18.2 34	78.2 72	7. 77	63 1	404	46	2	48	34	0	280	10	32	37	0.82	260	1.2 5
13 4	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Banjara Thanda	18.1 45	78.0 82	7. 95	10 30	659	96	1	80	44	0	360	80	90	4	1.83	380	2.1 4
13 5	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Bansawada	18.3 93	77.8 79	8. 16	19 40	124 2	331	1	24	49	0	540	60	326	9	0.28	260	8.9 3
13 6	Manje era (Nakk avagu is part of	II	KAMAREDDY	Bhavanipet	18.2 79	78.0 58	7. 77	12 88	824	96	3	112	39	0	390	90	75	58	0.92	440	1.9 9

	Manje era)																				
13 7	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Birkur	18.4 70	77.8 03	7. 12	25 69	164 4	234	3	104	131	0	460	320	355	19	1.33	800	3.5 9
13 8	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Budimi	18.3 40	77.8 90	8. 06	72 5	464	51	2	48	39	0	210	80	59	6	0.86	280	1.3 2
13 9	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Gandhari	18.3 96	78.1 07	7. 91	89 9	575	25	3	112	39	0	380	20	44	37	1.02	440	0.5 1
14 0	Manje era (Nakk avagu	II	KAMAREDDY	Jukkal	18.3 64	77.6 04	7. 32	39 84	255 0	449	18	88	180	0	190	100 0	246	34	0.17	960	6.3 0

	is part of Manje era)																				
14 1	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Khannapur	18.1 90	78.1 60	7. 95	11 71	749	102	2	80	44	0	440	60	62	11	1.55	380	2.2 8
14 2	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Kondapur	18.1 84	78.2 89	7. 94	94 3	604	51	3	80	39	0	190	110	87	30	1.03	360	1.1 6
14 3	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Maddela Cheruvu	18.3 50	77.8 50	7. 85	94 7	606	99	1	40	49	0	210	130	93	18	1.24	300	2.5 0
14 4	Manje era	II	KAMAREDDY	Malthumm eda	18.1 14	78.1 42	7. 73	93 0	595	52	2	80	44	0	370	50	36	15	0.74	380	1.1 7

	(Nakk avagu is part of Manje era)																				
14 5	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Mohamma dnagar	18.2 93	77.9 09	7. 78	16 00	102 4	119	1	72	97	0	460	170	91	51	0.92	580	2.1 6
14 6	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Menoor	18.4 83	77.6 52	7. 35	10 97	702	59	4	152	24	0	340	100	88	38	0.49	480	1.1 7
14 7	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Mothe	18.3 10	78.1 70	8. 27	81 0	518	57	9	56	34	0	190	40	101	74	0.85	280	1.4 9

148	Manjeera (Nakkavagu is part of Manjeera)	II	KAMAREDDY	Nasurullabad	18.468	77.873	7.71	871	557	64	1	80	24	0	280	40	75	15	1.11	300	1.60
149	Manjeera (Nakkavagu is part of Manjeera)	II	KAMAREDDY	Pulkal	18.399	77.767	7.57	1238	792	105	6.3	112	24	0	110	240	134	23	0.68	380	2.34
150	Manjeera (Nakkavagu is part of Manjeera)	II	KAMAREDDY	Ramlaxmanpally	18.320	78.130	7.24	1584	1014	84	4	192	44	0	370	180	125	95	0.82	660	1.43
151	Manjeera (Nakkavagu is part of)	II	KAMAREDDY	Sarvapor	18.365	77.985	8.08	1276	817	90	1	88	58	0	430	80	69	38	0.92	460	1.82

	Manje era)																				
15 2	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Savargao	18.3 22	77.6 50	7. 40	99 2	635	25	3	88	58	0	430	10	17	46	0.91	460	0.5 1
15 3	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Shanthapur	18.3 30	77.7 30	7. 85	12 62	808	91	1	56	73	0	480	30	102	5	1.18	440	1.8 9
15 4	Manje era (Nakk avagu is part of Manje era)	II	KAMAREDDY	Yerrapahad	18.2 93	78.2 23	8. 28	13 98	895	75	59	136	39	0	310	170	108	75	0.61	500	1.4 5
15 5	Manje era (Nakk avagu)	II	MEDAK	Alladurg	17.9 67	77.9 38	7. 76	99 2	635	35	2	72	63	0	300	60	78	52	0.70	440	0.7 3

	is part of Manje era)																				
156	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Chandiapet	17.934	78.519	7.84	866	554	102	2	56	19	0	300	50	58	6	1.04	220	2.99
157	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Chegunta	17.978	78.460	8.02	903	578	103	3	40	39	0	270	100	58	12	1.41	260	2.78
158	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Mutayapally	18.085	78.219	8.22	764	489	84	2	32	29	0	160	100	70	9	0.66	200	2.57
159	Manje era	II	MEDAK	Nagaram (Fareedpur)	18.071	78.201	7.79	749	479	57	2	56	29	0	190	70	72	20	0.78	260	1.54

	(Nakk avagu is part of Manje era)																				
16 0	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Kowdipally	17.9 03	78.2 05	7. 59	11 63	744	78	4	72	68	0	390	90	84	33	0.31	460	1.5 8
16 1	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Rangampet	17.9 45	78.1 18	7. 84	14 28	914	104	4	56	88	0	210	250	116	52	0.44	500	2.0 2
16 2	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Medak	18.0 53	78.2 71	7. 68	22 04	141 1	239	2	120	78	0	210	500	156	51	0.52	620	4.1 7

16 3	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Pillikotal	18.0 40	78.2 72	8. 02	76 1	487	73	1.9	56	24	0	170	50	130	27	0.76	240	2.0 5
16 4	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Narasapur	17.7 35	78.2 82	8. 50	12 85	822	181	1	32	44	30	200	190	100	52	0.91	260	4.8 8
16 5	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Reddypally	17.7 86	78.2 63	8. 28	94 2	603	128	4	40	29	0	290	90	68	14	1.26	220	3.7 5
16 6	Manje era (Nakk avagu is part of	II	MEDAK	Papannapet	18.0 42	78.0 85	7. 98	10 22	654	60	2	72	63	0	310	60	150	24	0.41	440	1.2 4

	Manje era)																				
16 7	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Gavvalapalli	18.0 52	77.9 17	8. 16	88 2	564	81	1	56	39	0	230	90	96	18	0.90	300	2.0 3
16 8	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Shankaram pet	17.9 71	78.3 72	8. 13	14 87	952	198	3	32	63	0	410	190	84	2	0.99	340	4.6 7
16 9	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Gudur	17.7 82	78.3 67	7. 90	16 39	104 9	116	4	88	83	0	170	360	104	34	0.43	560	2.1 3
17 0	Manje era (Nakk avagu	II	MEDAK	Shivampet	17.7 86	78.3 70	7. 72	20 53	131 4	208	15	160	49	0	330	350	154	100	0.33	600	3.6 9

	is part of Manje era)																				
17 1	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Usrikapally	17.8 21	78.3 95	8. 22	66 2	424	62	4	40	34	0	190	80	66	7	0.39	240	1.7 4
17 2	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Tekmal	17.9 75	78.0 30	8. 07	12 80	819	92	1	64	68	0	450	80	64	12	0.44	440	1.9 1
17 3	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Islampur	17.8 77	78.4 75	7. 97	72 4	463	56	2	64	19	0	160	70	84	20	0.29	240	1.5 7
17 4	Manje era	II	MEDAK	Toopran	17.8 41	78.4 78	8. 16	14 01	897	218	1	32	44	0	490	90	72	36	2.13	260	5.8 8

	(Nakk avagu is part of Manje era)																				
17 5	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Edulapally	17.9 67	78.3 49	7. 74	19 63	125 6	163	2	56	122	0	220	390	168	52	0.46	640	2.8 0
17 6	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Kukunoor	17.9 15	78.3 21	8. 29	68 9	441	51	1	72	19	0	200	70	56	11	0.68	260	1.3 8
17 7	Manje era (Nakk avagu is part of Manje era)	II	MEDAK	Ramayapall y	17.9 45	78.3 21	7. 53	21 16	135 4	174	2	168	68	0	320	380	160	51	0.52	700	2.8 6

17 8	Manje era (Nakk avagu is part of Manje era)	II	NIZAMABAD	Bodhan	18.6 71	77.8 93	8. 06	78 5	502	117	18	24	24	0	220	50	132	3	0.47	160	4.0 2
17 9	Manje era (Nakk avagu is part of Manje era)	II	NIZAMABAD	Dupally	18.7 33	77.9 91	8. 16	14 19	908	98	89	80	53	0	310	150	174	35	0.69	420	2.0 7
18 0	Manje era (Nakk avagu is part of Manje era)	II	NIZAMABAD	Kotagiri	18.5 75	77.8 30	7. 74	79 2	507	54	2	80	19	0	170	60	126	14	0.64	280	1.3 9
18 1	Manje era (Nakk avagu is part of	II	NIZAMABAD	Rayakur	18.6 10	77.8 58	7. 85	10 81	692	80	3.6	48	73	0	170	180	135	30	1.42	420	1.7 0

	Manje era)																				
18 2	Manje era (Nakk avagu is part of Manje era)	II	NIZAMABAD	Varni	18.5 43	77.9 03	7. 14	10 88	696	54	1	72	73	0	420	50	90	9	0.99	480	1.0 7
18 3	Manje era (Nakk avagu is part of Manje era)	II	NIZAMABAD	Yedapalli	18.6 78	77.9 54	7. 77	99 8	639	100	2	40	49	0	300	50	115	33	0.89	300	2.5 1
18 4	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Jogipet	17.8 36	78.0 73	8. 32	39 0	250	28	0.5	32	19	10	170	10	19	1	1.33	160	0.9 6
18 5	Manje era (Nakk avagu	II	SANGAREDD Y	Gummadid dla	17.6 85	78.3 68	7. 56	89 3	572	47	5	80	34	0	160	160	53	4	0.82	340	1.1 0

	is part of Manje era)																				
186	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Borapatla	17.671	78.157	8.23	718	460	40	4	40	44	0	220	30	90	10	0.58	280	1.04
187	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Nasthipur	17.705	78.219	7.98	602	385	43	4	48	24	0	60	100	87	30	0.71	220	1.26
188	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Ootla	17.631	78.319	7.60	1186	759	105	3	48	58	0	120	230	130	12	0.69	360	2.41
189	Manje era	II	SANGAREDD Y	Bachapally	18.139	77.868	7.79	1430	915	103	2	32	97	0	340	160	112	23	0.34	480	2.05

	(Nakk avagu is part of Manje era)																				
19 0	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Meerkhanp ally	18.1 24	77.8 52	8. 01	11 76	753	143	10	32	49	0	210	140	175	15	0.62	280	3.7 3
19 1	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Byathole	17.6 11	78.1 89	8. 20	18 98	121 5	241	22	80	53	0	220	310	253	52	1.21	420	5.1 0
19 2	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Hadnoor - s	17.8 03	77.6 26	7. 94	29 6	189	10	2	24	24	0	90	30	35	16	0.18	160	0.3 4

19 3	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Isnapur	17.5 52	78.2 01	8. 28	14 58	933	206	13	40	39	0	160	250	192	2	2.04	260	5.5 5
19 4	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Patancheru vu	17.5 26	78.2 70	7. 89	10 47	670	55	3	40	78	0	210	130	103	42	0.84	420	1.1 8
19 5	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Pulkal	17.7 26	77.9 95	8. 01	33 7	216	20	2	40	10	0	80	10	72	17	0.06	140	0.7 3
19 6	Manje era (Nakk avagu is part of	II	SANGAREDD Y	R.C.Puram	17.5 09	78.3 00	7. 61	13 80	883	86	2	80	73	0	230	220	116	16	1.02	500	1.6 7

	Manje era)																				
19 7	Manje era (Nakk avagu is part of Manje era)	II	SANGAREDD Y	Ranzole-I	17.6 76	77.6 56	8. 50	49 8	319	24	1	40	29	20	200	10	36	1	0.18	220	0.7 0
19 8	Manje era (Nakk avagu is part of Manje era)	II	SIDDIPET	Mulugu	17.7 21	78.6 33	7. 49	87 5	560	85	3	24	39	0	250	70	32	24	2.24	220	2.4 9
19 9	Manje era (Nakk avagu is part of Manje era)	II	SIDDIPET	Majidpalli	17.8 23	78.5 87	7. 87	12 02	769	157	73	48	19	0	280	180	70	8	1.04	200	4.8 3
20 0	Manje era (Nakk avagu	II	VIKARABAD	Marpalli	17.5 29	77.7 71	7. 96	71 1	455	62	2	48	34	0	330	20	11	27	0.56	260	1.6 7

	is part of Manje era)																				
201	Manje era (Nakk avagu is part of Manje era)	II	VIKARABAD	Mominpet	17.518	77.891	7.68	985	630	31	1	64	63	0	380	60	28	1	0.50	420	0.66
202	Manje era (Nakk avagu is part of Manje era)	II	VIKARABAD	Vattinenipally(s)	17.445	77.983	7.50	1010	646	36	2	80	63	0	400	50	38	40	0.75	460	0.72
203	Mane r	III	BHUPALPALLY	Bhupalpally	18.441	79.877	8.31	636	407	82	3	16	29	20	140	110	16	4	0.80	160	2.82
204	Mane r	III	BHUPALPALLY	Gudadpally	18.389	79.807	8.11	835	534	104	4	24	29	0	210	120	24	4	0.83	180	3.37
205	Mane r	III	BHUPALPALLY	Chityala	18.337	79.672	8.28	1169	748	169	12	24	29	0	240	160	36	62	1.06	180	5
206	Mane r	III	BHUPALPALLY	Jadalpet	18.383	79.736	8.30	379	243	40	2	16	15	20	100	40	8	5	0.33	100	1.74
207	Mane r	III	BHUPALPALLY	Chelpur	18.376	79.835	8.02	689	441	58	1	24	39	0	200	70	22	23	0.34	220	1.70

208	Maner	III	BHUPALPALLY	Velthurlapally	18.303	79.889	8.16	1326	849	203	14	16	39	0	340	140	37	92	1.16	200	6.24
209	Maner	III	BHUPALPALLY	Jadaraopet	18.696	79.884	8.31	622	398	38	4	16	49	20	140	100	7	23	0.32	240	1
210	Maner	III	BHUPALPALLY	Regulagudem	18.624	79.869	8.32	292	187	11	1	8	19	20	50	30	9	1.21	0.22	100	0.48
211	Maner	III	BHUPALPALLY	Shankarampally II	18.602	79.898	7.94	1405	899	196	12	40	39	0	360	150	39	90	1.16	260	5.29
212	Maner	III	BHUPALPALLY	Mallaram	18.557	79.786	8.24	245	157	14	1	16	15	0	70	40	4	0.4	0.21	100	0.61
213	Maner	III	BHUPALPALLY	Rangapur	18.272	79.689	8.03	365	234	22	2	16	24	0	100	40	3	35	0.34	140	0.81
214	Maner	III	BHUPALPALLY	Akneppally	18.363	79.610	8.27	1871	1197	258	32	64	39	0	310	330	64	78	0.33	320	6.27
215	Maner	III	BHUPALPALLY	Jakkaram	18.167	79.888	8.26	628	402	30	2	32	44	0	260	20	13	23	0.25	260	0.81
216	Maner	III	BHUPALPALLY	Mulugu	18.192	79.943	8.33	1356	868	165	8	40	49	30	300	200	20	25	0.94	300	4.14
217	Maner	III	BHUPALPALLY	Gorikothapally	18.180	79.815	8.30	510	326	41	4	24	24	20	160	30	12	19	0.74	160	1.41
218	Maner	III	BHUPALPALLY	Regonda	18.240	79.778	8.31	637	408	62	5	16	34	20	130	100	19	4	0.78	180	2.01
219	Maner	III	BHUPALPALLY	Ramakrishnapuram	18.418	79.625	8.2	3220	2061	391	101	56	122	0	150	870	178	67	0.56	640	7
220	Maner	III	BHUPALPALLY	Laxmidevipet	18.294	79.956	8.34	5838	3736	689	214	64	180	30	550	1320	164	66	0.68	900	9.99
221	Maner	III	JAGITYAL	Chepial	18.625	78.936	8.18	549	351	36	2	32	24	0	160	50	20	0.60	1.40	180	1.17
222	Maner	III	JANGAON	Tarigopulla	17.943	79.180	7.69	1132	724	151	9	32	39	0	220	170	63	59	0.42	240	4.24

223	Maner	III	JANGAON	Veldanda	17.858	79.125	7.69	1132	724	151	9	32	39	0	220	170	63	59	0.42	240	4.24
224	Maner	III	KAMAREDDY	Adloor	18.344	78.344	7.61	690	442	53	2	56	24	0	270	30	10	29	1.33	240	1.48
225	Maner	III	KAMAREDDY	Bhiknoor	18.196	78.399	7.52	1491	954	118	10.7	80	78	0	360	150	97	125	0.77	520	2.25
226	Maner	III	KAMAREDDY	Bibipet	18.205	78.523	7.37	993	636	30	1	112	44	0	240	90	54	118	0.35	460	0.60
227	Maner	III	KAMAREDDY	Domakonda	18.250	78.436	7.68	995	637	65	5	72	49	0	230	120	59	67	0.60	380	1.45
228	Maner	III	KAMAREDDY	Issannapally	18.143	78.477	8.12	348	223	11	3	56	15	0	150	20	34	6	0.66	200	0.33
229	Maner	III	KAMAREDDY	Machareddy	18.329	78.493	7.41	1199	767	58	2	128	39	0	270	130	71	89	0.42	480	1.15
230	Maner	III	KAMAREDDY	Narasannapally	18.269	78.362	7.82	689	441	38	3	64	24	0	150	70	38	62	1.86	260	1.03
231	Maner	III	KAMAREDDY	P.D.Mallareddy	18.173	78.453	7.70	899	575	70	2	88	29	0	210	70	120	72	0.76	340	1.65
232	Maner	III	KAMAREDDY	Reddypet	18.409	78.417	7.59	618	396	43	2	56	19	0	130	80	45	23	0.58	220	1.25
233	Maner	III	KARIMNAGAR	Chigurumamidi	18.263	79.155	7.82	1132	724	106	6	64	49	0	230	140	38	144	1.17	360	2.43
234	Maner	III	KARIMNAGAR	Rukmapur	18.533	79.146	8.04	351	225	29	1	24	15	0	100	40	13	13	0.48	120	1.15
235	Maner	III	KARIMNAGAR	Gangadhara	18.579	79.009	7.93	527	337	45	2	32	24	0	160	50	21	30	0.26	180	1.46
236	Maner	III	KARIMNAGAR	Mylaram	18.368	79.078	7.85	1111	711	106	5	64	53	0	270	130	40	134	0.40	380	2.36
237	Maner	III	KARIMNAGAR	Huzurabad	18.189	79.408	7.76	781	500	69	3	48	34	0	190	70	31	105	0.53	260	1.86

238	Maner	III	KARIMNAGAR	Vavilala	18.396	79.553	8.34	1294	828	115	6	64	58	30	290	160	43	61	0.92	400	2.50
239	Maner	III	KARIMNAGAR	Karimnagar	18.436	79.128	8.22	442	283	35	1	24	24	0	150	40	17	12	0.37	160	1.20
240	Maner	III	KARIMNAGAR	Nagnur	18.500	79.145	8.32	1491	954	136	7	72	63	30	350	200	51	7	0.03	440	2.82
241	Maner	III	KARIMNAGAR	Thadikal	18.309	79.289	8.18	398	255	28	1	24	19	0	130	30	15	14	0.62	140	1.03
242	Maner	III	KARIMNAGAR	Laxmipur	18.447	79.285	8.15	424	271	34	2	24	24	0	140	40	18	23	0.40	160	1.17
243	Maner	III	KARIMNAGAR	Gundi	18.619	79.087	8.23	563	360	48	2	32	24	0	150	50	24	46	0.72	180	1.56
244	Maner	III	KARIMNAGAR	Saidapur	18.215	79.305	8.25	507	324	39	1	32	24	0	170	50	20	3	0.51	180	1.26
245	Maner	III	KARIMNAGAR	Alugunur	18.401	79.151	8.07	421	269	33	1	24	19	0	130	40	16	8	0.64	140	1.21
246	Maner	III	KARIMNAGAR	Nedunur	18.312	79.138	8.12	312	200	22	1	24	19	0	120	30	12	14	0.58	140	0.81
247	Maner	III	KARIMNAGAR	Veenavanka	18.346	79.421	8.29	1650	1056	147	7	80	73	0	410	240	53	1	0.89	500	2.86
249	Maner	III	PEDDAPALLY	Eligedu	18.552	79.261	7.84	932	596	42	1	24	72.93	0.00	230	120	44	1.01	0.82	360	0.96
250	Maner	III	PEDDAPALLY	Julapalli	18.621	79.249	8.02	1765	1130	208	25	64	58.34	0.00	220	240	86.25	283.86	0.13	400	4.52
251	Maner	III	PEDDAPALLY	Khammampally	18.557	79.700	8.31	773	495	96	3	32	24.31	20.00	170	120	5.25	16.11	0.14	180	3.11
252	Maner	III	PEDDAPALLY	Odella	18.453	79.460	8.03	848	543	82	5	56	24.31	0.00	150	130	20.5	83.55	0.91	240	2.30
253	Maner	III	PEDDAPALLY	Peddapalli	18.602	79.390	8.24	1882	1204	178	15	32	106.96	0.00	190	430	72.25	57.78	1.27	520	3.39

254	Maner	III	SIDDIPET	Jangaon	18.085	79.195	7.33	1188	760	87	2	144	10	0	300	110	53	94	0.75	400	1.88
255	Maner	III	SIDDIPET	Dacharam	18.251	79.057	7.77	4401	2817	710	12	88	165	0	680	940	314	96	4.42	900	10.29
256	Maner	III	SIDDIPET	Guggilla	18.201	79.061	7.82	1312	840	148	0.2	56	68	0	420	140	78	38	2.12	420	3.14
257	Maner	III	SIDDIPET	Mylaram	18.369	79.073	8.07	681	436	20	62	56	24	0	220	20	66	48	0.42	240	0.56
258	Maner	III	SIDDIPET	Vodlur Begampet	18.321	79.043	6.54	733	469	75	3	64	10	0	160	120	24	3	0.77	200	2.30
259	Maner	III	SIDDIPET	Cherila	17.888	78.979	7.58	1640	1050	199	4	88	34	0	400	150	114	56	2.14	360	4.56
260	Maner	III	SIDDIPET	Gurijakunta	17.956	78.965	7.54	1299	831	119	6	64	58	0	200	160	109	152	0.85	400	2.59
261	Maner	III	SIDDIPET	Nagapuri	17.863	78.879	7.34	1180	755	75	4	144	19	0	340	120	89	16	0.65	440	1.55
262	Maner	III	SIDDIPET	Allipur	18.238	78.924	6.91	812	520	40	3	80	34	0	290	50	42	21	1.25	340	0.94
263	Maner	III	SIDDIPET	Ananthasagar	18.185	79.002	6.98	648	415	24	13	80	19	0	280	10	21	31	1.10	280	0.62
264	Maner	III	SIDDIPET	Peddakodur	18.149	78.889	6.60	572	366	27	6	80	5	0	250	10	19	5	0.58	220	0.79
265	Maner	III	SIDDIPET	Mubaraspu r	17.956	78.603	7.55	887	568	82	2	64	34	0	350	20	54	50	1.15	300	2.05
266	Maner	III	SIDDIPET	Chittapur	18.131	78.620	6.73	574	367	49	1	48	19	0	150	70	51	2	0.44	200	1.51
267	Maner	III	SIDDIPET	Gambeerpu r	18.229	78.608	7.13	464	297	15	1	64	10	0	200	10	8	8	0.65	200	0.46
268	Maner	III	SIDDIPET	Peddacheekode	18.214	78.630	7.04	861	551	43	4	72	34	0	320	20	34	33	1.23	320	1.05

269	Maner	III	SIDDIPET	Pothireddy pet	18.132	78.573	7.21	898	575	65	2	88	29	0	160	170	53	17	0.96	340	1.53
270	Maner	III	SIDDIPET	Gajwel	17.845	78.685	7.90	586	375	42	2	32	29	0	110	80	48	14	2.60	200	1.29
271	Maner	III	SIDDIPET	Husnabad	18.144	79.210	7.36	1340	858	87	1	120	63	0	360	170	103	44	0.93	560	1.60
272	Maner	III	SIDDIPET	Munigadapa	17.813	78.824	7.59	1095	701	58	5	32	92	0	130	260	71	3	1.14	460	1.17
273	Maner	III	SIDDIPET	Koheda	18.169	79.094	7.60	1268	812	156	4	56	39	0	210	250	59	1	0.65	300	3.92
274	Maner	III	SIDDIPET	Varikolu	18.255	79.110	7.79	1100	704	114	10	48	58	0	410	80	57	23	2.25	360	2.60
275	Maner	III	SIDDIPET	Ainapur	17.893	78.890	7.59	836	535	49	35	88	19	0	300	30	74	32	1.50	300	1.23
276	Maner	III	SIDDIPET	Gouraipally	17.952	78.900	7.40	1062	680	71	2	112	39	0	360	110	67	7	1.31	440	1.47
277	Maner	III	SIDDIPET	Komuravelli	18.253	78.582	7.27	744	476	45	2	96	15	0	200	60	67	52	1.07	300	1.13
278	Maner	III	SIDDIPET	Ankireddypally	18.002	78.927	7.19	1790	1146	181	7	120	29	0	100	340	155	78	0.87	420	3.84
279	Maner	III	SIDDIPET	Sir singandla	18.005	78.835	7.67	1017	651	65	2	56	49	0	210	120	61	36	1.40	340	1.53
280	Maner	III	SIDDIPET	Bekkal	17.988	79.104	7.31	394	252	15	8	40	19	0	150	20	36	2	0.27	180	0.49
281	Maner	III	SIDDIPET	Madoor	17.931	79.050	7.50	480	307	37	3	40	19	0	150	30	59	4	0.37	180	1.20
282	Maner	III	SIDDIPET	Salakpur	17.891	79.025	7.94	598	383	19	30	56	24	0	230	40	21	10	0.66	240	0.54
283	Maner	III	SIDDIPET	Bhoompalli	18.121	78.597	7.63	1520	973	179	5	32	92	0	350	250	108	39	1.09	460	3.63

284	Maner	III	SIDDIPET	Kodarpally	18.039	79.093	7.38	961	615	95	1	72	19	0	100	190	82	10	0.58	260	2.56
285	Maner	III	SIDDIPET	Rampur	18.089	78.993	7.82	498	319	43	4	40	19	0	140	40	70	4	0.54	180	1.39
286	Maner	III	SIDDIPET	Raipole	17.926	78.618	7.5	694	444	28	4	104	15	0	300	40	13	14	0.81	320	0.68
287	Maner	III	SIDDIPET	Ragavapur	18.177	78.777	7.11	1066	682	82	2	88	34	0	100	180	103	90	0.65	360	1.88
288	Maner	III	SIDDIPET	Tornal	18.116	78.751	7.17	977	625	28	1	128	29	0	370	30	39	51	1.08	440	0.57
289	Maner	III	SIDDIPET	Siddipet	18.103	78.838	7.44	629	403	26	4	96	10	0	270	20	21	22	1.07	280	0.68
290	Maner	III	SIRCILLA	Korem	18.532	78.915	8.32	534	342	46	2	24	29	40	130	40	25	28	1.57	180	1.49
291	Maner	III	SIRCILLA	Kothapet (NC)	18.418	78.961	8.29	569	364	42	2	32	29	0	190	50	27	1	0.20	200	1.29
292	Maner	III	SIRCILLA	Chandurthy	18.572	78.778	7.63	503	322	39	2	24	29	0	160	50	25	7	0.65	180	1.26
293	Maner	III	SIRCILLA	Kothapally	18.271	78.580	7.94	669	428	56	2	32	34	0	190	50	31	56	1.01	220	1.64
294	Maner	III	SIRCILLA	Narmal	18.284	78.553	7.63	580	371	47	2	24	29	0	170	50	27	10	1.28	180	1.52
295	Maner	III	SIRCILLA	Ananthagiri	18.267	78.903	8.06	496	317	42	2	24	24	0	150	50	25	6	0.36	160	1.44
296	Maner	III	SIRCILLA	Illanthukunta	18.312	78.956	8.26	559	358	48	2	32	24	0	150	50	27	36	2.33	180	1.56
297	Maner	III	SIRCILLA	Kandikatkur	18.374	78.964	8.17	1665	1066	151	5	72	83	0	380	210	65	112	0.82	520	2.88
298	Maner	III	SIRCILLA	Repaka	18.264	78.976	8.19	2784	1782	266	11	128	141	0	410	500	100	266	0.64	900	3.86

299	Maner	III	SIRCILLA	Kondapur	18.512	78.699	7.91	1636	1047	154	11	72	78	0	350	220	64	123	0.83	500	2.99
300	Maner	III	SIRCILLA	Mamidipalli	18.499	78.758	8.29	461	295	33	2	24	29	0	150	50	20	10	0.69	180	1.07
301	Maner	III	SIRCILLA	Nizamabad	18.470	78.719	7.94	588	376	54	2	32	29	0	180	50	23	47	0.77	200	1.66
302	Maner	III	SIRCILLA	Suddala	18.468	78.793	8.29	944	604	84	5	40	49	0	260	100	41	43	0.92	300	2.11
303	Maner	III	SIRCILLA	Avunoor	18.350	78.717	7.52	789	505	74	2	32	39	0	230	90	35	0.60	1.65	240	2.08
304	Maner	III	SIRCILLA	Kondapur	18.343	78.684	7.72	1138	728	106	3	48	53	0	290	140	56	11	1.04	340	2.50
305	Maner	III	SIRCILLA	Sircilla	18.356	78.783	7.97	1815	1162	171	14	88	83	0	420	290	66	28	0.46	560	3.14
306	Maner	III	SIRCILLA	Rallapet	18.283	78.821	7.69	996	637	87	3	40	44	0	240	120	44	13	0.72	280	2.26
307	Maner	III	SIRCILLA	Ramchandrapaur	18.406	78.827	8.29	435	278	32	2	24	24	0	120	60	21	3	0.81	160	1.10
308	Maner	III	SIRCILLA	Garjanapalle	18.527	78.611	8.11	1091	698	96	5	48	53	0	280	120	48	60	0.84	340	2.26
309	Maner	III	SIRCILLA	Chekkapalli	18.533	78.860	8.29	794	508	69	3	40	39	0	230	80	32	35	0.78	260	1.86
310	Maner	III	SIRCILLA	Vemulawada	18.486	78.864	8.31	1173	751	111	6	64	53	30	270	120	49	126	0.43	380	2.48
311	Maner	III	SIRCILLA	Racherla Boppasapur	18.377	78.617	7.81	935	598	87	5	40	44	0	210	120	41	56	0.63	280	2.26
312	Maner	III	SIRCILLA	Rajannapet	18.403	78.643	8.31	783	501	71	3	40	39	30	230	60	36	23	4.08	260	1.91
313	Maner	III	WARANGAL (R)	Atmakur	18.069	79.738	7.24	1256	804	210	2	40	29	0	210	310	11	12	0.94	220	6.16

314	Maner	III	WARANGAL (R)	Damera	18.055	79.641	7.52	2990	1914	429	13	152	29	0	450	560	131	63	0.37	500	8.34
315	Maner	III	WARANGAL (R)	Duggondi	18.019	79.808	7.85	792	507	112	6	32	19.45	0	210	110	20	28	0.50	160	3.85
316	Maner	III	WARANGAL (R)	Geesgonda	17.963	79.699	7.99	978	626	64	1	56	53.48	0	200	160	22	55	1.04	360	1.47
317	Maner	III	WARANGAL (R)	Cherlapally	18.233	79.608	7.69	757	484	86	1	32	29	0	100	190	13	7	0.08	200	2.64
318	Maner	III	WARANGAL (R)	Nadikuda	18.193	79.642	7.99	402	257	32	6	32	19	0	100	50	12	64	0.44	160	1.10
319	Maner	III	WARANGAL (R)	Parkal	18.202	79.637	7.66	309	198	23	2	32	5	0	80	30	14	17.72	0.50	100	1.00
320	Maner	III	WARANGAL (U)	Gatla Narsingapur	18.088	79.327	7.68	1236	791	149	10	64	34	0	210	230	39	64	0.88	300	3.74
321	Maner	III	WARANGAL (U)	Vangara	18.134	79.345	7.66	394	252	38	2	16	19	0	120	50	10	2	0.30	120	1.51
322	Maner	III	WARANGAL (U)	Narayanagiri	17.991	79.377	8.20	1142	731	144	9	40	39	0	200	240	39	0.81	0.31	260	3.88
323	Maner	III	WARANGAL (U)	Velair	18.014	79.338	7.77	852	545	46	1	48	39	0	180	90	64	5	0.77	280	1.20
324	Maner	III	WARANGAL (U)	Elkathurthy	18.094	79.441	7.80	519	332	31	4	32	29	0	140	50	17	38	5.00	200	0.95
325	Maner	III	WARANGAL (U)	Hanumkonda	18.001	79.558	7.63	319	204	32	2	16	15	0	100	10	11	53	1.08	100	1.39
326	Maner	III	WARANGAL (U)	Seethampet	18.078	79.515	7.94	566	362	30	4	48	24	0	130	100	14	4	0.52	220	0.88
327	Maner	III	WARANGAL (U)	Shanigaram	18.184	79.597	7.66	885	566	65	8	32	29	0	140	90	57	30	0.16	200	2.00

329	Maner	III	WARANGAL (U)	Charbowli	17.982	79.607	8.17	545	349	55	4	24	24.31	0	150	60	15	40	0.76	160	1.89
330	Godavari	IV	ADILABAD	Bazarhatnur	19.459	78.351	8.21	122	78	14	2	8	9.72	0	40	30	9	0.4	0.07	60	0.79
331	Godavari	IV	ADILABAD	Boath	19.342	78.317	7.84	1389	889	125	8	72	58.34	0	330	170	27	123	0.39	420	2.65
332	Godavari	IV	ADILABAD	Gudihatnoor	19.526	78.512	8.14	620	397	40	1	32	38.90	0	200	50	15	43	0.42	240	1.12
333	Godavari	IV	ADILABAD	Neradigonda	19.294	78.412	7.85	974	623	71	4	72	38.90	0	250	100	49	60	0.42	340	1.67
334	Godavari	IV	ADILABAD	Utnoor	19.379	78.769	8.02	432	276	55	1	16	19.45	0	150	50	13	0.4	1.41	120	2.18
335	Godavari	IV	BHADRADRI	Allapalli	17.830	80.475	7.67	987	632	38	2	80	63	0	170	230	27	29	1.21	460	0.77
336	Godavari	IV	BHADRADRI	Aswapuram	17.842	80.809	7.77	1111	711	108	4	104	24	0	250	180	88	4	0.64	360	2.47
337	Godavari	IV	BHADRADRI	Bhadrachalam	17.667	80.901	7.85	1281	820	97	2	112	44	0	420	110	60	41	0.81	460	1.97
338	Godavari	IV	BHADRADRI	M.Banjara	17.645	80.791	8.10	1691	1082	205	6	48	73	0	520	140	125	46	0.69	420	4.35
339	Godavari	IV	BHADRADRI	Ravikampadu	17.399	80.611	8.10	2593	1660	270	9	64	141	0	680	240	105	209	0.71	740	4.31
340	Godavari	IV	BHADRADRI	Cherla	18.074	80.831	8.24	2087	1336	301	6	72	53	0	440	390	74	22	0.45	400	6.54
341	Godavari	IV	BHADRADRI	Chunchupalli	17.529	80.608	7.74	2290	1466	318	5	56	68	0	670	200	123	46	1.10	420	6.75
342	Godavari	IV	BHADRADRI	Dummugudem	17.852	80.894	8.44	874	559	58	3	40	58	20	370	30	18	16	1.24	340	1.37
343	Godavari	IV	BHADRADRI	Mamakannu	17.866	80.413	8.33	602	385	41	18	56	19	20	210	30	51	2	0.40	220	1.20

344	Godavari	IV	BHADRADRI	Papakollu	17.418	80.483	8.08	1296	829	58	9	56	92	0	160	220	121	69	0.19	520	1.11
345	Godavari	IV	BHADRADRI	Karakagudem	18.035	80.568	8.59	688	440	52	18	32	34	40	200	50	46	0.4	1.58	220	1.53
346	Godavari	IV	BHADRADRI	Laxmidevipalli	17.573	80.619	8.06	1072	686	61	14	120	24	0	200	150	88	52	0.36	400	1.33
347	Godavari	IV	BHADRADRI	Manuguru	17.955	80.830	8.04	2270	1453	315	3	80	63	0	390	260	344	29	0.70	460	6.39
348	Godavari	IV	BHADRADRI	Mulakalapa lli (D)	17.504	80.832	7.26	640	410	33	9	72	19	0	130	70	67	48	0.34	260	0.89
349	Godavari	IV	BHADRADRI	Ulavanoor	17.781	80.679	8.10	763	488	47	1.1	40	49	0	260	50	65	0.1	0.83	300	1.19
350	Godavari	IV	BHADRADRI	Sujathanagar	17.488	80.589	7.44	1198	767	105	6	64	53	0	260	130	134	47	0.60	380	2.33
351	Godavari	IV	BHADRADRI	Bodu	17.674	80.444	7.41	1195	765	68	74	88	34	0	230	100	180	41	0.70	360	1.56
352	Godavari	IV	BHADRADRI	Sulanagar	17.544	80.502	7.84	1499	959	250	6	16	44	0	620	50	53	45	0.98	220	7.33
353	Godavari	IV	BHUPALPALLY	Nandigama	18.500	80.057	8.23	705	451	68	6	24	34	0	170	110	21	4	0.84	200	2.09
354	Godavari	IV	BHUPALPALLY	Eturu Nagaram (S)	18.337	80.423	7.39	322	206	35	1	16	15	0	90	50	7	10	0.12	100	1.52
355	Godavari	IV	BHUPALPALLY	Pasra	18.207	80.172	8.31	710	454	44	3	40	39	20	210	70	21	5	0.67	260	1.19
356	Godavari	IV	BHUPALPALLY	Project Nagar	18.262	80.194	8.27	2848	1823	451	125	32	58	0	510	530	132	66	0.52	320	10.96
357	Godavari	IV	BHUPALPALLY	Medipally	18.550	79.924	8.10	309	198	24	5	16	15	0	40	50	6	50	0.08	100	1.04

358	Godavari	IV	BHUPALPALLY	Stambampally	18.564	79.993	8.33	303	194	13	2	16	19	30	60	40	3	0.4	0.20	120	0.52
359	Godavari	IV	BHUPALPALLY	Yatnaram	18.574	80.152	8.28	245	157	8	1	8	24	0	90	30	3	0.60	0.33	120	0.32
360	Godavari	IV	BHUPALPALLY	Ambatipalli	18.696	80.062	8.15	678	434	45	4	16	49	0	170	90	20	24	0.34	240	1.26
361	Godavari	IV	BHUPALPALLY	Annaram	18.762	79.843	7.98	383	245	7	2	16	34	0	130	40	3	6	0.34	180	0.23
362	Godavari	IV	BHUPALPALLY	Kaleswaram	18.803	79.905	8.21	412	264	18	3	16	29	0	150	20	5	21	0.73	160	0.62
363	Godavari	IV	BHUPALPALLY	Mahadevpur II	18.721	79.982	7.88	3475	2224	372	136	64	141	0	270	780	203	108	0.65	740	5.95
364	Godavari	IV	BHUPALPALLY	Kamalapuram	18.266	80.475	7.10	134	86	4	1	8	10	0	30	20	11	0.4	0.10	60	0.22
365	Godavari	IV	BHUPALPALLY	Mallur	18.219	80.562	8.28	995	637	65	4	48	49	0	260	90	31	57	0.18	320	1.58
366	Godavari	IV	BHUPALPALLY	Rajupet	18.154	80.626	8.09	1622	1038	156	8	80	68	0	350	250	27	113	0.43	480	3.10
367	Godavari	IV	BHUPALPALLY	Kasimdevpet	18.166	79.998	8.32	593	380	23	4	24	39	20	160	20	45	23	0.38	220	0.67
368	Godavari	IV	BHUPALPALLY	Kamanpally	18.625	80.246	8.23	2695	1725	219	5	40	180	0	90	590	37	441	0.32	840	3.29
369	Godavari	IV	BHUPALPALLY	Lenkalagadda	18.675	80.130	8.33	363	232	33	2	16	19	30	80	50	8	2	0.27	120	1.31
370	Godavari	IV	BHUPALPALLY	Sarvaipet	18.683	80.238	8.19	320	205	21	1	16	24	0	120	40	6	2	0.24	140	0.77
371	Godavari	IV	BHUPALPALLY	Tadvai	18.237	80.315	8.00	793	508	96	4	24	24	0	270	60	12	0.4	1.25	160	3.30
372	Godavari	IV	BHUPALPALLY	Beerelli	18.031	80.346	8.27	967	619	96	4	32	49	0	290	110	36	9	0.39	280	2.49

373	Godavari	IV	BHUPALPALLY	Gangaram	18.176	80.371	7.21	954	611	102	3	32	44	0	280	80	9	99	0.45	260	2.75
374	Godavari	IV	BHUPALPALLY	Lavvala	18.171	80.263	8.32	421	269	57	5	16	10	20	130	30	15	1	0.19	80	2.77
375	Godavari	IV	BHUPALPALLY	Medaram	18.314	80.246	8.00	274	175	6	1	16	19	0	80	30	5	7	0.21	120	0.24
376	Godavari	IV	JAGITYAL	Kandlapalle	19.028	78.961	8.04	969	620	79	4	56	53	0	300	110	32	45	0.48	360	1.81
377	Godavari	IV	JAGITYAL	Dharmapuri	18.947	79.102	7.96	874	559	70	3	48	44	0	270	100	34	1.0	0.55	300	1.76
378	Godavari	IV	JAGITYAL	Jaina	19.011	79.076	8.20	451	289	32	1	32	24	0	140	40	17	42	0.37	180	1.04
379	Godavari	IV	JAGITYAL	Gollapalli	18.791	79.052	8.14	440	282	31	1	32	24	0	160	40	18	10	1.00	180	1.00
380	Godavari	IV	JAGITYAL	Ibrahimpattanam	18.899	78.579	8.09	313	200	18	0.30	24	19	0	120	30	14	1	0.14	140	0.66
381	Godavari	IV	JAGITYAL	Morapally	18.825	78.846	7.91	591	378	45	2	0.4	34	0	130	40	22	37	0.20	141	1.65
382	Godavari	IV	JAGITYAL	Jagityal	18.790	78.894	7.87	512	328	39	1	32	24	0	150	50	21	23	0.60	180	1.26
383	Godavari	IV	JAGITYAL	Kathalapur	18.753	78.690	8.27	1548	991	134	6	72	68	0	380	210	47	12	1.79	460	2.72
384	Godavari	IV	JAGITYAL	Ilapur	18.856	78.704	8.25	359	230	23	1	24	19	0	130	30	14	2	0.74	140	0.85
385	Godavari	IV	JAGITYAL	Korutla	18.819	78.706	8.17	363	232	22	1	24	19	0	130	30	13	1.2	0.19	140	0.81
386	Godavari	IV	JAGITYAL	Mallapur	18.965	78.706	7.78	604	387	44	2	40	29	0	190	60	29	9	0.67	220	1.29
387	Godavari	IV	JAGITYAL	VV Raopet	18.994	78.770	7.82	612	392	43	2	40	34	0	180	60	30	43	0.83	240	1.21

388	Godavari	IV	JAGITYAL	Nukapalli	18.709	78.922	8.198	698	447	49	3	40	34	0	190	70	31	27	0.41	240	1.38
390	Godavari	IV	JAGITYAL	Rangapur	18.758	78.792	8.088	839	537	69	3	48	39	0	240	100	33	9	1.93	280	1.79
391	Godavari	IV	JAGITYAL	Atmakur	18.752	78.620	8.222	1020	653	83	4	56	53	0	210	130	35	128	0.54	360	1.90
392	Godavari	IV	JAGITYAL	Bandalingapur	18.831	78.585	8.288	474	303	36	1	24	24	0	150	40	18	10	1.04	160	1.24
393	Godavari	IV	JAGITYAL	Metla Chittapur	18.781	78.588	8.237	777	497	58	3	40	34	0	220	70	31	13	0.84	240	1.63
394	Godavari	IV	JAGITYAL	Pegadapalli	18.706	79.064	8.158	698	447	51	3	40	39	0	190	70	28	61	0.93	260	1.38
395	Godavari	IV	JAGITYAL	Bornapally	19.027	78.824	8.248	758	485	59	3	40	39	0	200	80	32	46	0.99	260	1.59
396	Godavari	IV	JAGITYAL	Itikyal	18.919	78.761	8.188	738	472	56	3	40	39	0	180	70	30	80	2.45	260	1.51
397	Godavari	IV	JAGITYAL	Raikal	18.910	78.803	8.270	470	301	32	1	24	24	0	150	40	19	1.01	0.40	160	1.10
398	Godavari	IV	JAGITYAL	Vodde lingapur	18.959	78.837	8.168	535	342	35	2	32	29	0	170	50	22	10	0.84	200	1.08
399	Godavari	IV	JAGITYAL	Rachapalli	18.931	78.931	8.258	699	447	53	3	40	34	0	220	70	29	4	1.05	240	1.49
400	Godavari	IV	JAGITYAL	Sarangapur	18.930	78.958	8.278	578	370	39	1	32	24	0	160	50	21	8	1.45	180	1.26
401	Godavari	IV	JAGITYAL	Chegyam	18.815	79.274	8.248	716	458	55	3	40	34	0	220	70	30	12	0.99	240	1.54
402	Godavari	IV	JAGITYAL	Stambampally	18.861	79.161	7.878	869	556	68	3	56	44	0	240	100	33	62	0.53	320	1.65
403	Godavari	IV	JAGITYAL	Velgatur	18.835	79.170	8.228	1176	753	97	4	64	58	0	330	160	37	2	2.30	400	2.11

404	Godavari	IV	KAMAREDDY	Sadasivana gar	18.406	78.264	7.58	670	429	32	2	64	24	0	220	20	40	44	1.25	260	0.85
405	Godavari	IV	KARIMNAGAR	Burugupally	18.639	79.033	8.28	641	410	58	3	32	24	0	180	60	26	15	0.98	180	1.88
406	Godavari	IV	MANCHERIAL	Bellampally I	19.072	79.503	7.83	1069	684	90	5	48	44	0	220	150	38	22	0.47	300	2.26
407	Godavari	IV	MANCHERIAL	Chennur I	18.852	79.780	8.25	674	431	56	3	40	29	0	200	70	32	7	0.83	220	1.64
408	Godavari	IV	MANCHERIAL	Kommerla	18.773	79.800	8.31	1100	704	101	9	56	58	30	280	150	42	35	1.56	380	2.25
409	Godavari	IV	MANCHERIAL	Myadaripet	19.005	79.145	8.19	1126	721	102	8	64	53	0	300	160	39	36	0.88	380	2.28
410	Godavari	IV	MANCHERIAL	Hazipur	18.875	79.323	8.28	911	583	81	6	56	44	0	290	110	35	13	0.47	320	1.97
411	Godavari	IV	MANCHERIAL	Jaipur	18.844	79.580	8.32	2930	1875	330	12	120	117	30	420	630	105	5	0.99	780	5.14
412	Godavari	IV	MANCHERIAL	Kundaram	18.788	79.632	8.26	898	575	80	7	48	39	0	270	100	34	5	1.44	280	2.08
413	Godavari	IV	MANCHERIAL	Indanpally	19.149	78.942	8.30	914	585	82	6	56	44	30	260	110	37	0.81	4.38	320	1.99
414	Godavari	IV	MANCHERIAL	Kondapur	19.039	79.398	8.31	1092	699	101	7	56	44	30	230	150	38	26	1.87	320	2.46
415	Godavari	IV	MANCHERIAL	Luxettipet	18.878	79.202	7.94	1693	1084	158	10	72	68	0	380	230	56	36	0.90	460	3.20
416	Godavari	IV	MANCHERIAL	Mandamarr i	18.979	79.478	7.81	2385	1526	225	14	104	97	0	380	470	73	2	0.52	660	3.81
417	Godavari	IV	MANCHERIAL	Ponnaram	18.940	79.545	8.23	1572	1006	145	8	72	68	0	370	210	49	55	1.53	460	2.94
418	Godavari	IV	NIRMAL	Dilawarpur	19.092	78.222	7.77	361	231	33	1	16	19	0	110	30	19	14	3.13	120	1.31

419	Godavari	IV	NIRMAL	Kadam	19.097	78.776	7.94	523	335	41	2	24	34	0	160	70	26	2	1.46	200	1.26
420	Godavari	IV	NIRMAL	Khanapur	19.047	78.662	7.63	420	269	39	1	24	24	0	110	60	23	32	0.57	160	1.34
421	Godavari	IV	NIRMAL	Kubeer	19.250	77.946	7.81	570	365	48	2	24	34	0	150	30	25	105	0.67	200	1.48
422	Godavari	IV	NIRMAL	Kuntala	19.169	78.100	8.06	722	462	63	3	32	44	0	170	100	31	62	1.25	260	1.70
423	Godavari	IV	NIRMAL	Laxmanchanda	19.017	78.461	7.61	706	452	59	2	24	39	0	140	100	35	37	0.5	220	1.73
424	Godavari	IV	NIRMAL	Abdullapur	18.970	78.038	7.69	346	221	26	1	24	19	0	100	40	16	19	3.1	140	0.96
425	Godavari	IV	NIRMAL	Lokeswararam	19.025	78.090	7.88	623	399	51	3	32	29	0	120	90	36	33	0.38	200	1.57
426	Godavari	IV	NIRMAL	Manmad	19.058	78.112	8.11	1440	922	136	5	64	68	0	210	220	54	192	0.95	440	2.82
427	Godavari	IV	NIRMAL	Mamada	19.078	78.523	7.92	1152	737	105	3	56	53	0	220	170	46	97	0.52	360	2.41
428	Godavari	IV	NIRMAL	Mudhole	18.977	77.917	7.66	758	485	69	2	32	39	0	190	80	37	55	1.42	240	1.94
429	Godavari	IV	NIRMAL	Narsapur	19.110	78.165	7.81	424	271	31	1	24	29	0	150	50	19	7	0.28	180	1.00
430	Godavari	IV	NIRMAL	Nirmal	19.092	78.344	7.92	706	452	61	3	32	39	0	160	100	35	41	0.71	240	1.71
431	Godavari	IV	NIRMAL	Pembi	19.189	78.637	8.03	539	345	26	3	24	44	0	110	70	24	79	0.53	240	0.73
432	Godavari	IV	NIRMAL	Beeravelly	19.140	78.262	7.82	427	273	31	1	24	24	0	110	50	22	22	1.81	160	1.07
433	Godavari	IV	NIRMAL	Ponkur (Swarna)	19.247	78.215	7.89	416	266	31	1	24	24	0	110	40	23	41	1.17	160	1.07

434	Godavari	IV	NIRMAL	Bhosi	19.109	77.879	8.08	464	297	37	2	24	24	0	130	40	26	35	0.47	160	1.27
435	Godavari	IV	NIZAMABAD	Ailapoor	18.853	78.114	7.89	1249	799	112	3	56	63	0	260	130	139	67	1.52	400	2.44
436	Godavari	IV	NIZAMABAD	Ankushpur	18.811	78.396	7.08	880	563	72	2.7	64	34	0	130	110	117	55	0.51	300	1.80
437	Godavari	IV	NIZAMABAD	Arsapally	18.685	78.069	7.04	1522	974	78	3	64	112	0	340	190	147	29	0.83	620	1.37
438	Godavari	IV	NIZAMABAD	Bheemgal	18.715	78.442	6.99	546	349	49	2	56	15	0	180	30	74	4	0.39	200	1.51
439	Godavari	IV	NIZAMABAD	Choutpalli	18.775	78.542	7.26	924	591	55	2	40	58	0	310	40	57	41	0.62	340	1.29
440	Godavari	IV	NIZAMABAD	Gannaram	18.512	78.235	7.83	999	639	86	2	80	29	0	150	130	152	17	0.97	320	2.10
441	Godavari	IV	NIZAMABAD	Jakrampally	18.707	78.272	7.74	625	400	34	2	40	39	0	230	20	52	26	0.59	260	0.92
442	Godavari	IV	NIZAMABAD	Madanapally	18.681	78.178	8.04	950	608	62	2	80	34	0	290	70	68	11	1.23	340	1.46
443	Godavari	IV	NIZAMABAD	Manchipa	18.539	78.114	7.57	1399	895	94	4	112	53	0	270	130	135	130	0.79	500	1.82
444	Godavari	IV	NIZAMABAD	Morthad	18.826	78.449	7.99	476	305	56	2	32	15	0	100	30	82	41	0.63	140	2.06
445	Godavari	IV	NIZAMABAD	Mupkal	18.913	78.362	7.73	779	499	62	3	48	34	0	150	90	84	35	0.69	260	1.67
446	Godavari	IV	NIZAMABAD	Nutpally	18.937	78.218	7.43	1481	948	111	13	144	24	0	120	220	179	113	0.62	460	2.25
447	Godavari	IV	NIZAMABAD	Peddavolgo	18.604	78.426	7.93	442	283	37	3	40	19	0	140	40	57	5	0.25	180	1.18
448	Godavari	IV	NIZAMABAD	perkit	18.808	78.315	7.69	770	493	70	2	56	49	0	330	50	71	10	0.91	340	1.65

449	Godavari	IV	NIZAMABAD	Ramadugu	18.613	78.309	7.72	692	443	65	1	48	24	0	200	40	95	1	1.34	220	1.90
450	Godavari	IV	NIZAMABAD	Vailpoor	18.773	78.386	7.24	840	538	70	2	16	58	0	230	50	86	45	0.89	280	1.82
451	Godavari	IV	NIZAMABAD	Velmal	18.831	78.143	7.72	1239	793	102	1	112	34	0	90	200	238	16	0.43	420	2.16
452	Godavari	IV	NIZAMABAD	Yanampally	18.627	78.249	8.02	448	287	22	2	32	29	0	140	10	85	7	0.59	200	0.68
453	Godavari	IV	PEDDAPALLY	Goliwada	18.836	79.417	8.69	1051	673	158	3	24	24.31	40	260	140	11	46	0.51	160	5.43
454	Godavari	IV	PEDDAPALLY	Dharmaram	18.745	79.187	8.66	717	459	95	4	16	19.45	50	130	80	25	74	0.89	120	3.77
455	Godavari	IV	PEDDAPALLY	Khilavanparthy	18.704	79.276	7.98	1576	1009	136	2	16	106.96	0	300	200	66	151	0.78	480	2.70
456	Godavari	IV	PEDDAPALLY	Eglasapur	18.646	79.691	8.24	758	485	77	2	40	29.17	0	190	110	24	16	1.33	220	2.26
457	Godavari	IV	PEDDAPALLY	Gunjapadugu	18.687	79.605	8.19	1265	810	125	4	16	72.93	0	300	150	47	60	0.33	340	2.95
458	Godavari	IV	PEDDAPALLY	Khansaipet	18.666	79.731	8.12	599	383	54	4	24	24.31	0	130	90	14	5	0.42	160	1.86
459	Godavari	IV	PEDDAPALLY	Venkatapur	18.655	79.802	8.49	534	342	71	2	16	24.31	30	160	50	6	20	1.35	140	2.61
460	krishna	V	JOGULAMBA (GADWAL)	Alampur	15.896	78.121	7.71	1899	1215	197	3	112	58	0	110	280	409	21	1.34	520	3.76
461	krishna	V	JOGULAMBA (GADWAL)	Dharoor	16.224	77.679	7.61	1692	1083	89	5	120	97	0	320	210	231	44	0.46	700	1.46
463	krishna	V	JOGULAMBA (GADWAL)	Neelahally	16.265	77.642	8.09	1493	956	147	5	56	68	0	470	60	143	43	1.60	420	3.12
464	krishna	V	JOGULAMBA (GADWAL)	Gadwal	16.233	77.802	7.61	2903	1858	311	2	120	151	0	250	670	370	16	1.14	920	4.46

465	krishna	V	JOGULAMBA (GADWAL)	Gattu	16.129	77.576	7.74	989	633	112	23	64	29	0	240	80	181	2	0.28	280	2.91
466	krishna	V	JOGULAMBA (GADWAL)	Kuchinerla	16.179	77.526	7.10	550	352	22	1	72	15	0	130	20	58	83	0.34	240	0.62
467	krishna	V	JOGULAMBA (GADWAL)	leeza	16.015	77.672	7.67	3299	2111	535	10	48	107	0	500	630	157	220	0.72	560	9.83
468	krishna	V	JOGULAMBA (GADWAL)	Kodandapur	16.070	77.832	8.03	889	569	117	3	32	34	0	190	70	161	14	1.15	220	3.44
469	krishna	V	JOGULAMBA (GADWAL)	Maldakal	16.130	77.688	7.63	1560	998	92	2	96	102	0	230	290	150	87	1.10	660	1.56
470	krishna	V	JOGULAMBA (GADWAL)	Manopad	15.966	77.953	8.08	1395	893	298	1	24	34	0	340	110	312	19	1.58	200	9.16
471	krishna	V	JOGULAMBA (GADWAL)	Santhinagar	15.940	77.839	7.88	2919	1868	410	10	104	107	0	300	490	568	79	1.19	700	6.74
472	krishna	V	MAHABUBN AGAR	Addakal	16.487	77.954	8.10	610	390	39	1	64	19	0	190	20	100	1	0.28	240	1.09
473	krishna	V	MAHABUBN AGAR	Bhoothpur	16.697	78.055	8.27	1449	927	73	1	64	73	0	330	150	68	5	1.08	460	1.48
474	krishna	V	MAHABUBN AGAR	Elkicherla	16.623	78.116	8.21	716	458	66	1	56	34	0	240	50	76	38	1.30	280	1.72
475	krishna	V	MAHABUBN AGAR	Damagnapur	16.500	77.755	8.19	1788	1144	139	5	96	83	0	240	250	218	97	1.45	580	2.51
476	krishna	V	MAHABUBN AGAR	Kurumurthy	16.441	77.817	8.17	927	593	67	25	96	19	0	300	70	84	4	0.50	320	1.63
477	krishna	V	MAHABUBN AGAR	Thirmalapu	16.483	77.824	8.22	1650	1056	147	10	112	49	0	130	290	226	37	1.05	480	2.92
478	krishna	V	MAHABUBN AGAR	Devarakadra	16.606	77.833	8.21	783	501	126	1	32	24	0	380	30	26	6	1.02	180	4.08
479	krishna	V	MAHABUBN AGAR	Koukuntla	16.522	77.857	7.97	2140	1370	177	20	248	5	0	90	380	250	191	0.31	640	3.04

480	krishna	V	MAHABUBNAGAR	Meenuguvanipally	16.587	77.814	7.02	1026	657	82	1	80	44	0	130	120	206	46	0.73	380	1.83
481	krishna	V	MAHABUBNAGAR	Hanwada	16.808	77.897	8.11	1638	1048	152	9	128	53	0	190	390	134	4	0.41	540	2.84
482	krishna	V	MAHABUBNAGAR	Jadcherla	16.774	78.122	8.29	1536	983	135	14	144	58	0	270	240	138	165	0.87	600	2.40
483	krishna	V	MAHABUBNAGAR	Dammaipally	16.760	77.899	8.25	846	541	71	2	64	34	0	230	60	118	28	0.60	300	1.78
484	krishna	V	MAHABUBNAGAR	Kodur	16.680	77.924	8.29	2093	1340	241	5	64	73	0	220	320	276	128	0.89	460	4.89
485	krishna	V	MAHABUBNAGAR	Yenugonda	16.761	78.021	8.50	1570	1005	161	4	88	73	20	320	200	198	99	1.37	520	3.07
486	krishna	V	MAHABUBNAGAR	Kothapalli	16.751	78.232	8.42	1426	913	170	4	40	73	10	340	180	160	30	1.14	400	3.70
487	krishna	V	MAHABUBNAGAR	Nawabpet	16.888	78.024	8.50	1928	1234	286	10	32	24	20	270	340	78	3	1.30	180	9.27
488	krishna	V	NAGARKURNOOL	Domalapenta	16.212	78.878	6.83	1371	877	99	57	96	39	0	220	190	143	51	0.26	400	2.15
489	krishna	V	NAGARKURNOOL	Balmur	16.331	78.566	8.15	1534	982	71	11	136	63	0	180	320	87	51	0.72	600	1.25
490	krishna	V	NAGARKURNOOL	Bijinepalli	16.535	78.196	7.80	1752	1121	58	11	144	92	0	190	300	104	181	0.72	740	0.93
491	krishna	V	NAGARKURNOOL	Kalwakuthy	16.667	78.488	8.07	2072	1326	63	11	24	204	0	310	380	153	52	1.02	900	0.91
492	krishna	V	NAGARKURNOOL	Kodair	16.270	78.274	8.43	1920	1229	130	115	88	78	20	210	390	166	13	0.52	540	2.43
493	krishna	V	NAGARKURNOOL	Kollapur	16.107	78.306	8.54	1907	1220	240	105	24	68	20	300	360	156	4	0.83	340	5.66
494	krishna	V	NAGARKURNOOL	Ambatipally	16.277	78.446	8.54	1867	1195	208	6	64	78	20	130	450	137	2	0.48	480	4.13

495	krishna	V	NAGARKUNOOL	Nagarkurnool	16.492	78.303	7.69	1202	769	44	12	104	63	0	360	120	61	42	1.47	520	0.84
496	krishna	V	NAGARKUNOOL	Telkapally	16.435	78.440	7.79	2490	1594	402	25	80	44	0	300	450	194	174	0.50	380	8.97
497	krishna	V	NAGARKUNOOL	Gummakonda	16.622	78.190	7.68	1526	977	106	3	136	53	0	330	230	88	47	0.70	560	1.94
498	krishna	V	NAGARKUNOOL	Uppununthala	16.450	78.591	7.69	2020	1293	87	4	152	112	0	260	400	127	89	0.42	840	1.31
499	krishna	V	NAGARKUNOOL	Veldanda	16.731	78.521	7.49	723	463	36	0.4	96	15	0	210	50	57	40	0.59	300	0.90
500	krishna	V	NALGONDA	Ulsaipalem	16.707	79.500	7.08	1105	707	90	1	96	44	0	320	110	110	18	1.45	420	1.91
501	krishna	V	NALGONDA	Anumula	16.799	79.290	7.50	1620	1037	252	3	56	44	0	460	70	165	180	1.56	320	6.13
502	krishna	V	NALGONDA	Chintagudem	16.833	79.292	7.43	985	630	89	3.8	80	29	0	270	90	70	45	0.94	320	2.17
503	krishna	V	NALGONDA	Pulimamidi	16.884	79.267	7.46	1022	654	109	1	48	58	0	310	50	145	75	1.78	360	2.50
504	krishna	V	NALGONDA	Rajavaram	16.680	79.408	7.26	1166	746	112	0.3	112	15	0	170	150	175	14	0.51	340	2.64
505	krishna	V	NALGONDA	Sreerampur	16.729	79.305	7.39	1155	739	104	2	96	44	0	310	90	180	23	0.58	420	2.21
506	krishna	V	NALGONDA	Chandampet	16.578	78.888	7.53	759	486	50	1	96	15	0	290	20	45	51	0.89	300	1.26
507	krishna	V	NALGONDA	Buddonithanda	16.554	78.962	7.67	592	379	63	3.2	40	19	0	110	40	145	2	0.34	180	2.04
508	krishna	V	NALGONDA	Kambalapally	16.451	79.114	7.48	1593	1020	168	2	128	34	0	220	200	210	122	0.52	460	3.41
509	krishna	V	NALGONDA	Thelidevarapally	16.506	78.969	7.74	662	424	69	3	24	34	0	110	60	145	3	0.44	200	2.12

510	krishna	V	NALGONDA	Chandur	16.968	79.060	7.34	1663	1064	201	2	112	44	0	480	100	218	50	1.92	460	4.07
511	krishna	V	NALGONDA	Ghattuppal	17.058	78.916	7.54	3747	2398	481	44	88	156	0	490	660	290	261	2.26	860	7.14
512	krishna	V	NALGONDA	Teeded	16.792	78.910	7.70	502	321	31	0.5	72	10	0	170	20	50	43	0.79	220	0.91
513	krishna	V	NALGONDA	Urumadla	17.183	79.090	6.87	890	570	83	3	56	44	0	270	110	65	5	0.75	320	2.01
514	krishna	V	NALGONDA	Veliminedu	17.229	79.020	7.55	1392	891	115	2	80	53	0	170	270	90	13	0.67	420	2.44
515	krishna	V	NALGONDA	Kamalapur	16.726	78.859	7.40	638	408	20	4	96	15	0	290	20	10	16	0.67	300	0.50
516	krishna	V	NALGONDA	Padamtipally	16.677	78.797	7.73	688	440	19	3	64	39	0	150	20	75	128	0.69	320	0.45
517	krishna	V	NALGONDA	Tatikole	16.625	78.857	7.86	1825	1168	322	6	48	44	0	480	180	225	39	1.75	300	8.08
518	krishna	V	NALGONDA	Vavikole	16.676	78.765	9.03	1980	1267	484	3	16	10	50	800	100	120	5	4.16	80	23.54
519	krishna	V	NALGONDA	Dhindi	16.552	78.693	7.51	595	381	18	1	80	19	0	160	20	85	50	0.61	280	0.47
520	krishna	V	NALGONDA	Gurrampode	16.852	79.091	7.39	1130	723	59	1	168	5	0	130	160	195	2	0.38	440	1.22
521	krishna	V	NALGONDA	Koppole	16.915	79.147	7.91	1352	865	153	5	88	39	0	340	130	180	2	0.49	380	3.41
522	krishna	V	NALGONDA	Palvai	16.752	79.024	7.44	1322	846	186	3	104	15	0	370	110	95	115	1.15	320	4.51
523	krishna	V	NALGONDA	K.Mallepally	16.729	78.981	7.71	1631	1044	176	83	88	49	0	410	170	145	121	0.58	420	3.72
524	krishna	V	NALGONDA	kanagala	16.937	79.198	7.44	867	555	13	1	96	49	0	390	30	40	1	0.36	440	0.28

525	krishna	V	NALGONDA	Cheruvu Annaram	17.199	79.354	6.98	2585	1654	130	2	296	63	0	110	650	205	12	0.37	1000	1.79
526	krishna	V	NALGONDA	Kattangur	17.162	79.320	7.26	2865	1834	392	6	152	53	0	300	640	180	45	1.27	600	6.96
527	krishna	V	NALGONDA	Pamangundla	17.181	79.268	8.19	1679	1075	316	3	32	39	0	660	130	55	13	3.17	240	8.86
528	krishna	V	NALGONDA	Kannekal	16.923	79.371	7.60	1319	844	99	11	128	44	0	360	130	120	105	1.07	500	1.93
529	krishna	V	NALGONDA	Marriguda	16.940	78.864	6.71	500	320	54	3	32	15	0	110	50	74	3	0.38	140	1.98
530	krishna	V	NALGONDA	B.Annaram	16.779	79.558	7.70	635	406	68	2	64	10	0	160	70	80	3	0.39	200	2.09
531	krishna	V	NALGONDA	Kistapur	17.156	79.017	8.00	2272	1454	401	2	48	53	0	550	230	220	121	2.20	340	9.46
532	krishna	V	NALGONDA	Kompalli	17.099	78.994	7.80	1147	734	219	7	16	24	0	150	250	110	2	0.23	140	8.03
533	krishna	V	NALGONDA	Munugode	17.066	79.077	8.20	2324	1487	529	7	32	24	0	890	160	150	20	2.49	180	17.15
534	krishna	V	NALGONDA	Arlagaddagudam	17.139	79.401	7.80	1992	1275	271	3	112	53	0	410	330	190	14	0.88	500	5.26
535	krishna	V	NALGONDA	Mushampally	16.975	79.325	7.74	543	348	66	4	32	15	0	110	50	105	2	0.36	140	2.43
536	krishna	V	NALGONDA	Narsingbhatta	17.016	79.148	8.46	1673	1071	357	5	24	19	30	580	100	150	13	4.74	140	13.11
537	krishna	V	NALGONDA	Panagal	17.077	79.312	8.11	722	462	114	39	24	10	0	180	60	120	1	1.28	100	4.96
538	krishna	V	NALGONDA	Seetarampuram	17.110	79.217	7.71	570	365	69	3	40	15	0	110	60	115	1	0.52	160	2.37
539	krishna	V	NALGONDA	S L B C G V guda	17.060	79.301	7.46	958	613	58	2	136	15	0	190	150	90	36	0.46	400	1.26

540	krishna	V	NALGONDA	Velugupally	16.991	79.307	7.71	618	396	57	1	80	5	0	140	60	105	6	0.64	220	1.67
541	krishna	V	NALGONDA	Akkenepally	17.290	79.236	8.50	2923	1871	449	4	64	126	20	380	690	320	2	2.05	680	7.49
542	krishna	V	NALGONDA	Narketpalli	17.200	79.191	7.46	1085	694	57	7	96	49	0	390	50	55	68	2.58	440	1.18
543	krishna	V	NALGONDA	Kothapally	16.568	79.030	7.77	1063	680	69	74	80	29	0	140	150	155	45	1.74	320	1.68
544	krishna	V	NALGONDA	Neradugomma	16.597	78.973	7.33	845	541	62	3	88	19	0	150	90	120	41	1.06	300	1.56
545	krishna	V	NALGONDA	Nidamanur	16.840	79.285	7.60	1418	908	154	98	80	29	0	470	100	110	51	1.01	320	3.74
546	krishna	V	NALGONDA	Thummadam	16.810	79.427	7.68	1047	670	67	3	120	29	0	320	60	140	17	1.11	420	1.42
547	krishna	V	NALGONDA	Angadipet	16.717	79.084	7.39	1236	791	110	5	152	15	0	340	110	160	25	0.41	440	2.28
548	krishna	V	NALGONDA	Azmapur	16.601	79.079	8.01	493	316	61	2.9	32	15	0	90	50	110	2	0.50	140	2.24
549	krishna	V	NALGONDA	Peddavoora	16.744	79.188	7.52	1619	1036	195	25	96	39	0	360	190	180	50	1.43	400	4.24
550	krishna	V	NALGONDA	Pulicherla	16.655	79.175	7.35	846	541	75	1	96	10	0	160	90	125	27	0.78	280	1.94
551	krishna	V	NALGONDA	Velmaguda	16.779	79.183	7.98	898	575	149	0.4	24	24	0	270	50	130	0.1	1.42	160	5.12
552	krishna	V	NALGONDA	Vijayapuri North	16.580	79.287	7.97	568	364	62	3	48	15	0	140	50	95	5	0.45	180	2.01
553	krishna	V	NALGONDA	Pedda Suraram	17.096	79.359	7.48	840	538	82	3	88	15	0	330	20	60	45	0.43	280	2.13
554	krishna	V	NALGONDA	Thipparthi	17.014	79.418	7.78	986	631	101	6	40	49	0	350	70	75	0.1	1.01	300	2.54

555	krishna	V	NALGONDA	Nellikal	16.649	79.302	6.96	812	520	60	31	80	19	0	120	80	170	45	0.33	280	1.56
556	krishna	V	NALGONDA	Settipalem	16.951	79.555	8.03	2158	1381	295	77	72	68	0	530	270	235	34	1.71	460	5.98
557	krishna	V	RANGAREDDY	Amangal	16.844	78.543	7.77	1899	1215	136	4	136	83	0	360	310	128	51	0.64	680	2.26
558	krishna	V	RANGAREDDY	Karkalpad	16.928	78.529	6.88	295	189	14	0.3	40	5	0	90	10	33	12	0.52	120	0.56
559	krishna	V	RANGAREDDY	Keshampet	16.944	78.329	7.43	430	275	22	9	64	5	0	110	50	27	31	0.35	180	0.71
560	krishna	V	RANGAREDDY	Bhairampally	17.119	78.075	7.87	806	516	84	1	80	15	0	320	20	31	71	1.14	260	2.27
562	krishna	V	RANGAREDDY	Kothur	17.159	78.288	7.25	1826	1169	212	1.8	192	5	0	380	280	103	82	0.47	500	4.11
563	krishna	V	RANGAREDDY	Teegapur	17.164	78.272	7.22	1391	890	117	4	168	5	0	350	150	71	65	0.36	440	2.43
564	krishna	V	RANGAREDDY	Irvin	16.780	78.716	7.66	3276	2097	381	71	96	122	0	550	570	119	259	2.03	740	6.09
565	krishna	V	RANGAREDDY	Kulkulpally	16.906	78.726	7.46	1924	1231	184	6	80	97	0	550	210	60	72	1.55	600	3.27
566	krishna	V	RANGAREDDY	Madgula	16.843	78.688	7.06	1189	761	79	2	128	34	0	300	110	64	142	0.35	460	1.60
568	krishna	V	RANGAREDDY	Talakondapalli	16.890	78.413	7.15	993	636	38	3	80	73	0	400	60	40	73	0.99	500	0.74
569	krishna	V	SURYAPET	Mallareddigudem	16.766	79.984	7.63	1250	800	118	2	112	29	0	320	150	110	29	0.79	400	2.57
570	krishna	V	SURYAPET	Raghunadhapalem	16.754	79.885	7.07	694	444	37	0.4	120	10	0	220	30	108	50	0.60	340	0.87

571	krishna	V	SURYAPET	Mattampalli	16.787	79.854	7.32	1965	1258	161	2	216	34	0	200	390	223	5	0.48	680	2.68
572	krishna	V	VIKARABAD	Bomraspet	17.164	77.719	7.69	864	553	96	2	64	19	0	280	60	67	14	1.04	240	2.69
573	krishna	V	VIKARABAD	Madnapally	17.219	77.773	7.75	150	96	6	1	16	10	0	30	20	23	17	0.12	80	0.30
574	krishna	V	VIKARABAD	Doulathabad	16.998	77.542	6.77	1154	739	150	1	64	29	0	140	270	77	1	0.82	280	3.88
575	krishna	V	VIKARABAD	Kodangal	17.099	77.601	7.56	638	408	31	1	56	29	0	230	20	20	50	1.49	260	0.83
576	krishna	V	VIKARABAD	Kulkacherla	17.017	77.876	8.19	1207	772	53	3	96	63	0	140	190	91	125	1.80	500	1.03
577	krishna	V	WANAPARTHY	Atmakuru	16.337	77.806	8.22	1060	678	175	7	32	44	0	280	200	59	3	0.70	260	4.72
578	krishna	V	WANAPARTHY	Ghanapur	16.563	78.046	8.25	993	636	102	3	48	39	0	180	140	94	32	0.56	280	2.65
579	krishna	V	WANAPARTHY	Gopalpet	16.379	78.135	8.49	1283	821	204	2	40	49	20	200	230	122	66	0.81	300	5.12
580	krishna	V	WANAPARTHY	Kanaipally	16.388	77.960	7.08	1512	968	174	4	104	39	0	310	240	103	53	0.85	420	3.68
581	krishna	V	WANAPARTHY	Pangal	16.247	78.104	7.45	1428	914	138	6	112	44	0	260	240	108	53	0.58	460	2.79
582	krishna	V	WANAPARTHY	Ayyavaripalli	16.116	78.024	7.48	1276	817	83	1	144	44	0	220	230	121	51	0.50	540	1.55
583	krishna	V	WANAPARTHY	Peddamandi	16.431	78.025	7.87	982	628	134	3	48	34	0	210	150	86	34	0.56	260	3.61
584	krishna	V	YADADRI	S.Narayanpur	17.145	78.860	7.83	1027	657	106	3	96	29	0	290	90	108	76	1.06	360	2.43
586	krishna	V	NARAYANPET	Krishna	16.420	77.350	7.92	1235	790	239	0.5	24	34	0	440	90	112	46	0.18	200	7.35

