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 February to May, 2022

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) : 32 No.s & 899.55 MLD
- Capacity Utilization of existing STPs :747.12 MLD
- MLD of sewage being treated through Alternate technology : Nil
- Gap in Treatment Capacity in MLD :1850.45
- No. of Operational STPs :32 No.s
- No. of Complying STPs :32 No.s
- 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 48 STPs (1458.9MLD) in the State and complete details are placed as *Annex-II* and the gist of which is as follows:

- **Polluted River Stretches:** Works commenced for construction of the STPs in HAM model for 31 STPs (1259.5 MLD) under Priority –I and II.
- **Other than Polluted River Stretches:**17 STPs with a capacity of 199.4 MLD are under different stages.

Details of proposed STPs in the State: Total 82 STPs with a capacity of 655.02MLD details are placed at **Annex-III**

- **DPRs Ready**-52 STPs with a capacity of 555.17 MLD(includes Priority-II to Priority-V)
  - PHED-42 STPs with a capacity of 215.17MLD,
  - HMWSSB-10 STPs with a capacity of 340 MLD
- **DPRs under preparation -** 30 STPs with a capacity of 99.85MLD

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 No.s**
- **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 TPD based on annual report:3,33,334 TPA**
- **Compliance status of the ETPs: Compliance status of the ETPs (February to May, 2022): 167 industries are not complying. Closure directions issued to 50 unit and directions issued to 117 units. The details of the Industries are placed as Annex-A**
- **Number and total capacity of CETPs (details of existing / under construction / proposed):**

  - **Details of existing** CETPs: Total 7 nos. details placed as **Annex-IV**
    - 4 No.s 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
  - **Under Construction**: 1 No with capacity 480 KLD and is likely to be completed by June, 2022. There is excess capacity and the proposed CETP is for future use.

b) Details of the industries in PRS

- No. of water polluting industries in the State: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: 1,12,451TPA
- Number of industrial units having ETPs:358 (including 84 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 84 ZLD) with capacity 351.12 ML**D.**

V. <u>Solid Waste Management:</u>

a. Total number of ULBs and their population: 142(including GHMC)& population of 1.45 crores.

b. Current Municipal Solid Waste Generation in ULBs:10,414TPD (GHMC-6098TPD and remaining 4316 TPD by the 141 ULBs)).

c. Municipal Solid Waste Management in the rural bodies of PRS is placed as Annex-V

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:

a		Material Recovery facilities	
	(i)	Total Capacity (TPD)	2365
	(ii)	Number	244
	(iii)	Number of ULBs Covered	142
b		Recycling	
	(i)	Total Capacity (TPD)	600.8
	(ii)	Number	3
	(iii)	Number of ULBs Covered	3
c		Composting	
	(i)	Total Capacity (TPD)	5120
	(ii)	Number	225
	(iii)	Number of ULBs Covered	142
d		Bio-methanation	
	(i)	Total Capacity (TPD)	21 (Siddipet Municipality proposed Bio-gas plant with 10 TPD capacity. Work is under progress)
	(ii)	Number	7
	(iii)	Number of ULBs Covered	5
e		RDF	
	(i)	Total Capacity (TPD)	2400
	(ii)	Number	1
	(iii)	Number of ULBs Covered	1
f		Waste to Energy Plants	
	(i)	Total Capacity (TPD)	78.4 MW. However, only one WtE plant of capacity 24 MW is under operation utilizing 1700 TPD of RDF.
	(ii)	Number	6
	(iii)	Number of ULBs Covered	6
5		Waste Disposal	
a		Landfill	
	(i)	Total Capacity (TPD)	1115
	(ii)	Number	1
	(iii)	Number of ULBs Covered	1
6		Legacy Waste Management	
a		Number of Dumpsites (No)	152
b		Quantity of Waste dumped at dumpsites (Tons)	Jawaharnagar (GHMC)- 12 million tons; Other 141 ULBs- 71,16,306 tons
c		Number of Dumpsites Cleared(No)	1 (Dommara Pochampally) cleared and one Scientific capping takenup for Jawaharnagar site after maximum recovery. Capping work completed. As per the Directions of Hon'ble NGT, GHMC has floated tenders for bio-mining of the capped site. In other ULBs 1,18,639 MTs of waste processed.
d		Number of Dumpsites in which biomining has commenced (No)	123 ULBs commenced bio-mining.

e		Time frame for clearing all Dumpsites	Biomining and Processing of legacy waste for 123 ULBs grouped into 09 clusters. 123 ULBs commenced bio-mining. 18 months for 123 ULBs. Work order has been given to 07 bidders on 25.02.2022 for commencement of work in ULBs. Work already commenced at GWMC, Karimnagar, Bhongir, Suryapet, Dundigal and Ameenpur ULBs and around 1,18,639 MTs of legacy waste has been processed.

f. The details of facilities of the 141 ULBs is placed at **Annex-Vthe summary of which is as follows:**

Total Solid Waste Generation in the State is 10, 409 TPD (GHMC-6098 TPD and other than GHMC 4311 TPD)

- GHMC area Integrated MSW capacity of 7000TPD exists.
- In the remaining ULBs, the composting and DRCC are available in all the 141 ULBs and 1870 TPD of the waste is processed. The gap in the treatment is 2441 TPD and the actions proposed are detailed below..
- 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-VI

Door to Door Collection	**Source Segregation**	**Composting / Vermin-composting**	**Dry Resource Collection Centres**	**Biogas**
100 %	53%	141 ULBs	141ULBs	2 Bio methanation plants (13.5TPD) covering 2 ULB's (GWMC (3.5) & SIDDIPET (10))

g. Waste – to – Energy Plants: (Number/names of towns/capacity)

Sl. No.	Plant Location	Plant Capacity	Status of Operation
1	19.8 MW Capacity at Jawaharnagar (Expansion to 48MW is under consideration)	19.8MW	WtE was commissioned in August 2020 and in operation to its full capacity Obtained EC for the expansion
2	11 MW Waste to Energy Capacity by M/s RDF Power Projects, Bibi Nagar	11.0MW	Construction of plant was completed in 2018 but the promoter IL&FS fell into financial crisis.Recently the IL&FS was taken over by M/s Ever Enviro Resource Management Pvt. Ltd. and planning to revamp the plant.

3	12 MW Waste to Energy Capacity Yacharam, Ibrahimpatnam	12.0MW	Land was acquired by the concessionaire M/s SVGPPL. Presently, It is under financial closure to commence the plant construction.
4	14.5 MW Capacity at Dundigal	14.5MW	Construction of plant is under progress and expected to commission it's operations by the end of 2022.

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

i. Initiated on-site composting across the state of Telangana for Bulk Waste generators and Individual Households.

ii. 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)

iii. Enhancing capacities of DRCC to meet 100% Dry Waste handling within 6 months.

iv. Government have constituted a tender committee vide G.O.Rt No.150 MA&UD Dept. dt.11.3.2020 for processing of RFP on Biomining and Processing of legacy waste for 123 ULBs grouped into 09 clusters. The Financial bid opening was conducted virtually on 31st July 2021, after detailed discussions, the bidders have voluntarily given a rebate rate @ of Rs.550/- per MT as agreed to GoI norms for funding u/ SBM 2.O.

v. The following clusters are awarded to the bidders as per their preferences:

- C1 (Medchal-Makajigiri, YadadriBhuvanagiri and Janagaon) 16 ULBs, awarded to M/s Sagar Motors Ltd., also agreed for Rs. 550/- per MT (agreed rate of GoI u/ SBM 2.0 funding) for following earlier clusters allotted (earlier rate Rs.630/-)
- C2 (Nalgonda, Suryapet) 11 ULBs, awarded to M/s Harshita Infra engineering Pvt Ltd in JV M/s Siri Constructions and M/s. GSR Constructions.
- C3 (Ranga Reddy) 08 ULBs, awarded to M/s Cube Bio Energy Pvt Ltd. in JV with M/s. Suman Realti and Industrial Services and M/s. Sudhakara Infratech Pvt Ltd.
- C4 (Khammam, Bhadradri Kothagudem and Mahbubabad) 12 ULBs, awarded to M/s Cube Bio have also given a rebate rate of Rs.550/- per MT for the earlier clusters 4 & 7 as agreed by GoI for funding u/SBM 2.0. (earlier rate Rs. 630/-)
- C5 (Mahabubnagar, Nagarkurnool, Wanaparthy) 18 ULBs, awarded to M/S SDS technologies in JV M/S Neptune Automation and M/S Virogreen India Pvt Ltd.
- C6 (Karimnagar, Jagitial, Rajanna Sircilla, Hanumakonda and Warangal) 14 ULB's, awarded to M/s Annapurna Constructions JV with M/s Hind Agro and chemicals.
- C7 (Kamareddy, Nizamabad and Nirmal) 10 ULBs, awarded to M/s Cube Bio have also given a rebate rate of Rs.550/- per MT for the earlier clusters 4 & 7 as agreed by GoI for funding u/SBM 2.0. (earlier rate Rs. 630/-)
- C8 (Adilabad, Mancherial, Peddapalli, KomaramBheem & Jayashankar Bhupalpally) 14 ULBs, awarded to M/s Sagar Motors Ltd., also agreed for Rs. 550/- per MT (agreed rate of GoI u/ SBM 2.0 funding) for following earlier clusters allotted (earlier rate Rs.630/-)
- C9 (Siddipet, Medak, Sangareddy, Vikarabad) 20 ULBs, awarded to M/s Shrusthi Contech Pvt Ltd in JV M/S Eco India Project Pvt Ltd and P.H Jadhav.

vi. Work order has been given to above 07 bidders on 25.02.2022 for commencement of work in ULBs. Work already commenced at GWMC, Karimnagar, Bhongir, Suryapet, Dundigal and Ameenpur ULBs and around 1,18,639 MTs of legacy waste has been processed.

Vii. As per SBM-2.O norms a State Level High Power Committee resolution has been submitted to GoI for funding towards biomining of legacy waste in 123 ULBs with an estimated cost of Rs.178.60 Crs, out of which Central share is Rs.69.08 Crs. Government of India have released an amount of Rs.27.63 Crs as 1st installment towards biomining of legacy waste.

- **Legacy dumpsites**: No. and area (in acres) of uncontrolled garbage dumpsites.

  i. No. of Dumpsites: 151
  i. Total Area in Acres: 965.31

  Initiated Bio-remediation in the 5 ULBs and quantity of legacy waste processed is 99,177 MTs

- **No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers:** 34 dumpsites with 212.5 acres. Works have commenced in 17 dumpsites and in the remaining dumpsites tenders are in process on cluster basis. The details are placed at **Annex-IX**

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

- **Existing**: Two C&D recycling plant with 500 TPD capacity each
  - Jeedimetla in GHMC area is commissioned in the month of April, 2020.
  - Fathullaguda in GHMC area is commissioned in the month of April, 2021
- **Proposed**: Greater Warangal, Karimnagar, Nizamabad and Khammam corporations have identified land for setting up of the C&D waste. Remaining ULBs are collecting the C&D waste separately

VI. <u>Bio-medical Waste Management:</u>

- No. of Hospitals and Health Care Facilities: **7273 Nos**
- Total Bio-medical generation in the state: **23,810 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.**

VII. <u>Hazardous Waste Management:</u>

- Total Hazardous Waste generation:

Details of the Waste	**In Tons Per Annum**
Recyclable Waste (TPA)	92562
Incinerable Waste (TPA)	2324

Utilisable waste (TPA)*	127103(co-processing)
Landfillable Waste (TPA)	111344
Total in Tons Per Annum(TPA) :	3,33,334

- 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**

VIII. <u>Plastic Waste Management:</u>

Item	Quantity
Quantity of plastic waste generated,	1082 TPD
Quantity of plastic Waste utilized in recycling	125.84 TPD
Quantity of waste Co-processed in Cement kilns	130.00 TPD
Quantity of plastic waste used in production of Waste to oil	40.20 TPD
Quantity of waste utilized in production of Refuse Derived Fuel (RDF) (part of RDF at Jawaharnagar)	451.00 TPD
Total plastic waste Managed	**747.54 TPD**
Gap	**334.46 TPD**
No. of Registered plastic manufacturing units (TPD)	251 (587 TPD)
No. of ULBs having facilities for Collection of Segregated waste	142 (291 DRCC)
GPs having facilities for Collection of Segregated waste	12770
No. of registered Producers/brand owners/ importers	316
Number of registered plastic waste recyclers with capacity	30 (136.08 TPD)

- To address the gaps, the ULBs are increasing the DRCCs, 100% segregation of waste at source and EPR implementation by Producers, Importers, Brand Owners (PIBOs)
- Awareness Programs for phasing out the single use plastic are being conducted as per the new PWM rules
- Spl Task Forcecommittee is constituted under the Chairmanship of the Chief Secretary
- 142 ULBs banned plastic carry bags of thickness less than 75 microns. Initiated Spot-fines to regulate plastic waste
- C&DMA vide Cir.Roc.No.133211/2021-H2, Dt.11.10.2021 have issued <u>instructions along with Action Plan for Ban and Elimination of Single Use Plastic less than 75 microns of thickness from 14th Oct, 2021 to 30th June 2022 and also for plastic less than 120 microns of thickness from 1st July, 2022 to 31st Dec, 2022.</u>
- As per the action plan MCs shall take up the following activities within the prescribed time frame mentioned in the action plan:
    - Issue of Notification by MCs for imposing ban on sale and use of plastic carry bags and Single Use Plastic of less than 75 Microns of thickness.

- Constitution of City level Task Force comprising of Municipal Commissioner, Health Officer, Sanitary Supervisor, Sanitary Inspector, Representatives from NGOs (2 Nos), 1 No. Police Constable
- Setting up of a plastic waste management cell at ULB level comprising of Health Officer, Sanitary Supervisor, Sanitary Inspector and Environmental Engineer.
- To setup provisions for Online public grievance/complaints portal, phone number to receive and redress complaints from public.
- Readiness with different IEC material indicating the ban on sale and use of Plastic and fine provisions on violators.
- Display of boards banning the sale and use of plastic carry bags less than 75 micros and SUP, at the establishments who sale and use such items and taking their commitment on implementation of ban.
- Conduct of raids by City Level Task force at least twice in a week to implement the Ban and impose fines on the violators. Deposit the banned items in the Plastic Waste Management Cell for safe disposal.
- Setting up/ear marking of plastic collection and storage rooms/sheds. (existing DRCC/ any sheds at the ULB to be utilized and details of such storage should be entered in the record books)
- Conduct of special raids on implementation of ban at all Govt. offices, educational institutions and other big establishments.
- Conduct of regular awareness, in person and through IEC Encouraging the use of biodegradable items in place of plastic waste at various establishments. SHGs to be trained to supply such items.
- Conduct of regular awareness on alternative to plastics to establishments and practicing with items which are found alternative to plastics.

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

- **In-Situ Remediation:** The NEERI has prepared DPRs for In-situ remediation for 5 drains and was awarded the work for one drain at Kokapet in 2019. The NEERI has not commenced the work. HMWSSB is constructing 31 STPs near all most all the drains by adopting decentralized approach.

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

Existing facilities:

a. **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) and so far treated 45.3 million liters of Feacal Sludge in scientific manner

HMWSSB has empanelled 87 Septic Tank Cleaning Vehicle Operators for transporation 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.

b. **FSTPs:**11 no.

Feacal Sludge Treatment plant: HMWSSB has established a 40 KLD capacity of standalone FSTP at Nallacheruvu and about 25 -30 KLD is being treated daily

17 FSTPs have been established on Priority stretch III-V with 570KLD capacity. The details are Siddipet-20KLD, Bhongir-15KLD, Nalgonda-75KLD, Kamareddy-30MLD, Shadnagar-25KLD, Nirmal-30KLD, Boduppal-15KLD, Korutla-25KLD, Adilabad- 35KLD, Jagityal-35KLD, Jangaon – 20 KLD, Medchal – 10 KLD, Khammam – 95 KLD, Peerzadiguda – 15 KLD,Ieeja – 10KLD, Jagityal – 35 KLD, Nizamabad – 90 KLD

Under Construction: 13 no.s **Feacal Sludge Treatment facilities** as detailed below

- Meerpet – 35 KLD, Badangpet – 20KLD, Gajwel – 15 KLD, Gadwal – 20 KLD, Narayanapet – 10 KLD, Mahbubnagar – 50 KLD, Yellandu- 10 KLD, Suryapet – 35 KLD, Ramagundam – 60 KLD, Vemulavada – 10 KLD, Metpally – 20 KLD, Bhainsa – 15 KLD, Bodhan - 20 KLD

Proposed FSTP:

Tenders has been invited for construction of FSTP in another 68 newly formed ULBs, with 495 KLD capacity for Rs.170.00 Crs. Agencies have been finalized work orders have been issued.

ii) Rain guard / wet land construction on Kukatpally nala which joins Hussainsagar lake pilot project is taken-up by HMDA for a length of 300 RMT to reduce the BOD load of the water passing through it.

X. 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

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

XII. 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 due to COVID situation.

XIII. 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-VII**.

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

XIV. 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

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

XVI. 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-XII

XVII. 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 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.

a. Cleaning and clearing of Juliflora, Shrubs etc. and removal of silt for free flow of River without stagnation is completed in the stretch of 55 km
b. Formation of walkway and Landscaping on Musi edges under Ecological restoration of River Musi nearing completion at Nagole bridge, Chaderghat Bridge and at Muslimjung Bridge to MGBS

c. 6 No's of Hydraulic excavators are being engaged throughout the year for cleaning the river.
d. Supply, Installation and Maintenance of Floating Trash Barrier for Removal and Disposal of collected trash" from the Musi River has been installed across the Musi at (10) locations along the Musi River.

XVIII. 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

XIX. 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.

XX. Development of biodiversity park: - One Bio-diversity park in the Musi Catchment area in Hyderabad is developed and is open to public from the year 2015 onwards.

XXI. Reuse of Treated Water: Govt. of Telangana has released a policy for reuse of the treated water

a. 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.
b. NCC Company Pvt. Ltd., is also using treated waste water for road works.
c. HMWSSB is in the process of providing treated waste water to M/s Wipro office campus located at Manikonda and Gopanpally from STPs at Khajaguda and Gopanapally.
d. So far 66.5 MLD treated waste water has been reused.
e. 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 preparation of detailed project report is in progress.

XXII. HMWSSB has organized workshops with various stake holders for creating awareness on utilizing the treated waste water from existing STPs and identification of potential users.

- **Online Continuous Effluent Monitoring Systems (OCEMS):**

a. HMWSSB is regularly updating in the mobile app of CPCB for STP's monitoring in their website.
b. Installation of Online Continuous Effluent Monitoring Systems (OCEMS) at all 20 STPs is completed. The mobile app of the same is uploaded in all the MoM officers of HMWSSB for continuous monitoring of effluent parameters. Integration with TSPCB is in progress

XXIII. 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.

XXIV. Status of Preparation of Action Plan by the 13 Coastal States: - Not Applicable

XXV. Regulation of Mining Activities in the State/UT: -

XXVI. 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.

Annex-I

Details of existing STP

No.	Location	Existing STP Capacity	Being maintained by	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
1	Amberpet	339	HMWSSB	310.81	Working	Complied
2	Nagole	172	HMWSSB	171.90	Working	Complied
3	Nallacheruvu	30	HMWSSB	30	Working	Complied
4	Attapur 1	51	HMWSSB	33.52	Working	Complied
5	Attapur 2	23	HMWSSB	23.00	Working	Complied
6	Pedda Cheruvu, Nacharam	10	HMWSSB	9.79	Working	Complied
7	Miralam Tank 1	10	HMWSSB	7.50	Working	Complied
8	Miralam Tank 2	5	HMWSSB	4.80	Working	Complied
9	Durgam Cheruvu, SLP	5	HMWSSB	4.99	Working	Complied
10	Patel Cheruvu, Nacharam	2.5	HMWSSB	2.49	Working	Complied
11	Saroor Nagar	2.5	HMWSSB	2.50	Working	Complied
12	Langer House	1.2	HMWSSB	1.20	Working	Complied
13	Noor Mohammad Kunta	4	HMWSSB	3.23	Working	Complied
14	Safilguda, Malkajgiri	0.6	HMWSSB	0.60	Working	Complied
15	Khajakunta, Metro, KKP	12	HMWSSB	12.00	Working	Complied
16	Khajaguda, Gachibowli	7	HMWSSB	7.00	Working	Complied
17	Nanakramguda, Gachibowli	4.5	HMWSSB	4.50	Working	Complied
18	JVR Park, Nagarjuna Circle	0.5	HMWSSB	0.50	Working	Complied
19	Lingam Kunta, BHEL	30	HMWSSB	17.48	Working	Complied
20	Gopanapally, SLP	4.5	HMWSSB	2.81	Working	Complied
Total		**714.3**		**650.62**		
21	Necklace Road	20	**HMDA**	20	Working	Complied
22	Pattigadda	30	**HMDA**	30	Working	Complied
23	Rangadhamini Lake, KKP	5	**HMDA**	5	Working	Complied
24	Krishnakanth Park,	0.5	**GHMC**	0.5	Working	Complied
25	Amber Cheruvu, Pragatinagar	2.5	**GHMC**	2.5	Working	Complied
Total		**772.3**		**708.62**		

No.	Location	Existing STP Capacity	Being maintained by	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
26	Bommakal Road, Karimnagar	38	PHED	3*	Working	Meeting
27	Chakali Gadda, Vikarabad	13	PHED	7.50#	Working	Meeting
28	Dubba Nizamabad	31.5	PHED	7.5@	Working	Meeting
29	Yellammagutta Nizamabad	15	PHED	3.5@	Working	Meeting
30	Thallagadda Miryalguda	11.5	PHED	2^	Working	Meeting
31	Chinthala Cheruvu Siddipet	7.25	PHED	6.25	Working	Meeting
32	Narsapur Cheruvu Siddipet	11.00	Municipal corporation	6.50	Working	Meeting
	Total:	**899.55**		**765.58**		

***** Inspection chambers are not taken up in UIDSSMT Scheme due to paucity of funds. Now 19500 Nos of Inspection chambers are proposed in Karimnagar Smart City Project (So that utilization can be improved).It is also proposed to complete the balance and all additional components under AMRUT 2.0.

#Present requirement is less than 2026 requirement. At present 9.0 MLD water is being supplied and the utilization is matching with 80% of the water supply.

@ Network not fully laid due to paucity of funds.It is also proposed to complete the balance and all additional components under AMRUT 2.0.

^To utilise the 11.45 MLD capacity STP, sewerage connections are proposed under AMRUT 2.0 .

Annexure II

No.	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline
Package-III – Hussain Sagar - Kukatpally Nala Catchment					
1	Ambar Cheruvu (Pragathi Nagar)	37.0	Work started in all STPs and in different stages of progress. For some STPs the civil components such as Sequential Batch Reactor(SBR), Chlorine Contact Tank, Intake well/ Wet well, Blower room, sludge process units, pretrement units, admin building and laboratory, MCC building are in progress. The progress is at various stages in all the STPs.	I&D Structures work commenced	2 years 2023
2	Chinna Maisamma	14.5			
3	Nalla Cheruvu (Kukatpally)	15.0			
4	Khajakunta	22.0			
5	Yellammakunta Lake (Jaya Nagar)	13.5			
6	Fathe Nagar	100.0			
7	Vennelagadda	5.0			
8	Fox Sagar Lake	14.0			
9	Shivalaya Nagar Cheruvu	14.0			
10	Pariki Cheruvu (Kandri Gutta)	28.0			
11	Durgam Cheruvu	7.0			
12	Khajaguda	21.0			
13	Miyapur Patel Cheruvu	7.0			
14	Gangaram Cheruvu	20.0			
15	Kamuni Cheruvu	20.0			
16	Mullakathuva Cheruvu	33.50			
17	Gayatri Nagar (Chintal)	5.00			
	Total	371.50			
Package-I - North of Musi					
18	New Alwal Lake	15.50	Detailed Designs & Drawings are approved for some of STPs and for other STP's under approval. Site leveling, marking and excavation is in progress. For 3 STPs PCC completed and laying of raft for SBR basins/CCT is in progress.		
19	R K Puram Lake (Mukkiddi cheruvu)	5.50			
20	Banda Cheruvu	15.00			
21	Kapra Lake	20.00			
22	Rama Cheruvu	30.00			
23	Pedda Cheruvu	17.50			
24	Nalla Cheruvu	86.50			
25	Amberpet	212.50			
	Total	**402.50**			
Package-II – South of Musi					
26	Miralam Site 1	30.00	Detailed Designs & Drawings are		
27	Miralam Site	11.50			

No.	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections	Completion Timeline
28	Bapughat STP at Attapur Site	48.00	approved for some of STPs and for other STP's under approval. Site leveling, marking and excavation is in progress. For 4 STPs PCC completed and laying of raft for SBR basins/CCT is in progress.		
29	Kokapat Lake	15.00			
30	Ibrahim Cheruvu	56.00			
31	Nagole	320.00			
	Total	**480.50**			

Details of under Construction STP's in the State (Urban other GHMC) and not pertaining to PRS:

Name of the State:Telangana						
Annexure B: Details of under Construction STP's in the State (Urban other GHMC)						
S. No.	**City/ Town**	**Funding**	**Location of STP**	**Capacity of STP in MLD**	**Physical Progress in %**	**Completion Timeline**
1	Miryalguda	UIDSSMT Rs.78.52Cr (Rs.45.51+Rs.33.01Cr.)	Ramnagar Bandam	5.45	Physically Completed Commissioning under progress.	7/15/2022
2	Nalgonda	UIDSSMT Rs.89.78Cr (Rs.56.79+Rs.32.99Cr.)	Sheshammagudem	17.16	80%	8/31/2022
			Arjalabavi	2.55	11%	
3	Nagar Kurnool	SDF+TUFID Rs.35.00Cr+30.00Cr	Bus Depot Backside	3.20	90%	7/31/2022
			Bus Depot Backside	2.30	95%	6/30/2022
4	Khammam	CM Assurance Rs.70.00Cr.	Dhamsalapuram	20.00	15%	12/31/2022
5	Suryapet	TUFIDC Rs.81.41Cr.	Pullareddy cheruvu	10.00	98%	6/30/2022
			Nalla cheruvu	10.00	0%	Works stopped by local
6	Gajwel	SDF+GADA (Gajwel Area Development Authority) Rs.95.0Cr+4.00Cr.	Rajareddy Pally	1.5	97%	7/31/2022
			Pidichedu Road	3.5	95%	8/31/2022
			Pragnapur (By-Pass Road)	1.25	95%	8/31/2022
			Pandavula Chervu	0.5	98%	6/30/2022

7	Devarakonda	TUFIDC Rs.23.20Cr.	Nainoni Kunta	1.5	81%	8/31/2022
			Peta Cheruvu	1.5	0%	
8	GWMC	Smart City Rs.200.00Cr.	Reddypuram	100	0% (to be Started) Site alienation not completed	
			Pragathinagar	15	60%	11/30/2022
			Ursugutta	5	60%	11/30/2022
			Total	**200.41**		

Annexure-III

Details of STPs proposed in the State (Urban other GHMC)

S. No.	ULB Name	No. of STPs	STP - 1	STP - 2	STP - 3	STP- 4	Total MLD	Status of Project
			MLD	MLD	MLD	MLD		
1	Bellampally	2	8.50	4.5			13.00	Proposed to take up under Hybrid annuity Model as per Govt. Memo Dt:25.05.2021 of MA & UD (TP&E.2) . Accordingly, this office vide Letter Dt:01-11-2021 has requested Govt to accord AS for appointment of consultant M/s. Green Design and Engineering Services Pvt., Ltd .Further, it was proposed to take up UGD Scheme in Ramagundam Municipal Corporation under AMRUT 2.0.
2	Mandamarri	3	7.00	6	1		14.00	
3	Ramagundam	3	32.00	9	4		45.00	
4	Jagtial	4	14.10	4.9	0.6	0.56	20.16	
5	Metpally	2	4.30	5.3			9.60	
6	Bhainsa	2	7.50	2.0			9.50	
7	Korutla	1	12.71				12.71	
8	Manuguru	2	5.00	1.2			6.20	
9	Armoor	3	4.10	6.5	0.8		11.40	
10	Dharmapuri	2	2.00	1.70			3.70	
11	Chennur	2	3.00	2.50			5.50	
12	Kyathanpally	2	4.00	3.20			7.20	
13	Luxettipet	2	3.00	2.00			5.00	
14	Mancherial	4	7.50	3.00	3.00	3.00	16.50	
15	Naspur	3	8.00	5.00	5.00		18.00	
16	Khanapur	2	3.00	1.80			4.80	
17	Nirmal	3	8.50	6.00	5.50		20.00	
18	Manthani	2	2.00	1.75			3.75	Proposed to take up under Hybrid annuity Model as per Govt. Memo Dt:25.05.2021 of MA & UD (TP&E.2) . Accordingly, this office vide Letter Dt:01-11-2021 has requested Govt to accord AS for appointment of consultant M/s. Green Design and Engineering Services Pvt., Ltd
19	Gadwal	2	12.90	3.36			16.26	
20	Kollapur	3	0.57	4.33	1.24		6.14	
21	Ieeja	2	4.81	2.11			6.92	
22	Alampur	2	1.60	1.5			3.10	
23	Makthal	2	2.60	2.6			5.20	
24	Palwancha	4	2.00	2.8	9.3	2.00	16.10	
25	Huzurabad	2	4.75	1.7			6.45	
26	Jammikunta	2	4.90	1.4			6.30	
27	Parkal	2	4.00	2.6			6.60	
28	Bhupalpally	3	6.00	2.2	0.63		8.83	
29	Kothapalli	2	1.50	1.10			2.60	
30	Sultanabad	2	3.00	1.50			4.50	
		72.00					**315.02**	

Annexure-IV

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	*M/s.Kunoor Leather Park Ltd.,(CETP), Kunoor Village, Bhongiri Mandal, Yadadri-Bhongiri District.*	Common Effluent Treatment Plant to treat the pre-treated industrial effluent generated from tannery units.	485 KLD	Not in operation
7.	*M/s.Enumamula Common Effluent Treatment Plant, Enumamula, Warangal Urban District.*	Common Effluent Treatment Plant to treat the pre-treated industrial effluent generated from tannery units.	300 KLD	Not in operation

Annexure-V

Details of Solid Waste Management facilities of 141 ULBs of Telangana

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
1	Adilabad	66	DRCC, WTC	16.5	Work under progress for MSW processing, Completion Timeline: 9 Months
2	Palwancha	38	DRCC, WTC	7.6	
3	Kothagudem	36	DRCC, WTC	10.8	
4	Manuguru	14	DRCC, WTC	7.14	
5	Yellandu	22	DRCC, WTC	1.76	
6	Korutla	38	DRCC, WTC	6.08	Tenders Called for MSW processing, Completion Timeline:1 year
7	Dharmapuri	9	DRCC, WTC	0.72	
8	Jagitial	50	DRCC, WTC	17.5	
9	Metpally	29	DRCC, WTC	15.95	
10	Raikal	10	DRCC, WTC	0.4	
11	Jangaon	14	DRCC, WTC	1.26	Work under progress for MSW processing, Completion Timeline:9 Months
12	Bhupalpally	13	DRCC, WTC	1.17	
13	Alampur	6	DRCC, WTC	0.54	Tenders Called for MSW processing, Completion Timeline:1 year
14	Gadwal	18	DRCC, WTC	1.8	
15	Ieeja	12	DRCC, WTC	8.64	
16	Waddepalle	8	DRCC, WTC	0.4	
17	Banswada	16	DRCC, WTC	12.32	Work under progress for MSW processing, Completion Timeline:9 Months
18	Kamareddy	44	DRCC, WTC	27.72	
19	Yellareddy	13	DRCC, WTC	7.15	
20	Karimnagar	95	DRCC, WTC	54.15	Tenders Called for MSW processing, Completion Timeline:1 year
21	Choppandandi	10	DRCC, WTC	1	
22	Huzurabad	18	DRCC, WTC	9.36	
23	Jammikunta	28	DRCC, WTC	8.96	
24	Kothapally	9	DRCC, WTC	1.8	
25	Khammam	190	DRCC, WTC	34.2	Work under progress for MSW processing,

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
26	Sattupalli	21	DRCC, WTC	1.47	Completion Timeline:9 Months
27	Madhira	26	DRCC, WTC	7.54	
28	Wyra	9	DRCC, WTC	0.9	
29	Kagaznagar	25	DRCC, WTC	1.75	
30	Mahabubnagar	106	DRCC, WTC	74.2	Tenders Called for MSW processing, Completion Timeline:1 year
31	Bhoothpur	5	DRCC, WTC	0.35	
32	Jadcherla	25	DRCC, WTC	3.75	
33	Dornakal	8	DRCC, WTC	1.6	Work under progress for MSW processing, Completion Timeline:9 Months
34	Mahabubabad	18	DRCC, WTC	6.3	
35	Maripeda	9	DRCC, WTC	0.72	
36	Thorrur	10	DRCC, WTC	0.7	
37	Mancherial	21	DRCC, WTC	5.04	
38	Bellampally	25	DRCC, WTC	2.25	
39	Chennur	12	DRCC, WTC	0.84	
40	Kyathanpally	9	DRCC, WTC	0.45	
41	Luxettipet	12	DRCC, WTC	0.96	
42	Mandamarri	21	DRCC, WTC	1.89	
43	Naspur	33	DRCC, WTC	2.64	
44	Medak	29	DRCC, WTC	26.68	Tenders Called for MSW processing, Completion Timeline:1 year
45	Narsapur	11	DRCC, WTC	6.82	
46	Ramayampet	9	DRCC, WTC	6.3	
47	Thoopran	12	DRCC, WTC	6.72	
48	Boduppal	51	DRCC, WTC	51	Work under progress for MSW processing, Completion Timeline:9 Months
49	Dundigal	48	DRCC, WTC	41.28	
50	Kompally	28	DRCC, WTC	28	MSW processing facility commenced
51	Medchal	22	DRCC, WTC	22	

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
52	Peerzadiguda	46	DRCC, WTC	32.2	Work under progress for MSW processing, Completion Timeline:9 Months
53	Dhammaiguda	47	DRCC, WTC	15.04	MSW processing facility commenced
54	Ghatkesar	22	DRCC, WTC	11	Work under progress for MSW processing, Completion Timeline:9 Months
55	Gundlapochampally	19	DRCC, WTC	12.35	
56	Jawaharnagar	121	DRCC, WTC	38.72	MSW processing facility commenced
57	Nagaram	25	DRCC, WTC	3.75	Work under progress for MSW processing, Completion Timeline:9 Months
58	Nizampet	171	DRCC, WTC	17.1	
59	pocharam	40	DRCC, WTC	29.2	
60	Thumkunta	19	DRCC, WTC	8.93	
61	Atchampet	11	DRCC, WTC	7.59	Tenders Called for MSW processing, Completion Timeline:1 year
62	Kalwakurthy	7	DRCC, WTC	0.35	
63	Kollapur	8	DRCC, WTC	2.8	
64	Nagarkurnool	13	DRCC, WTC	13	
65	Miryalguda	50	DRCC, WTC	26	
66	Nalgonda	64	DRCC, WTC	16	
67	Chandur	8	DRCC, WTC	1.76	
68	Chityal	14	DRCC, WTC	14	
69	Devarkonda	16	DRCC, WTC	3.2	
70	Haliya	14	DRCC, WTC	1.4	
71	Nandikonda	7	DRCC, WTC	4.2	
72	Kosgi	13	DRCC, WTC	6.37	
73	Makthal	11	DRCC, WTC	0.77	
74	Narayanpet	12	DRCC, WTC	0	
75	Nirmal	66	DRCC, WTC	25.08	Work under progress for MSW processing, Completion Timeline:9
76	Bhainsa	24	DRCC, WTC	2.4	

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
77	Khanapur	6	DRCC, WTC	0.3	Months
78	Armoor	30	DRCC, WTC	12	
79	Nizamabad	188	DRCC, WTC	86.48	
80	Bheemgal	12	DRCC, WTC	0.84	
81	Bodhan	40	DRCC, WTC	12.8	
82	Ramagundam	115	DRCC, WTC	51.75	
83	Peddapalli	21	DRCC, WTC	17.64	
84	Manthani	14	DRCC, WTC	7.84	
85	Sulthanabad	9	DRCC, WTC	0.36	
86	Sircilla	46	DRCC, WTC	46	Tenders Called for MSW processing, Completion Timeline:1 year
87	Vemulawada	23	DRCC, WTC	12.65	
88	Jalpally	33	DRCC, WTC	19.8	
89	Narsingi	36	DRCC, WTC	32.76	
90	Shadnagar	32	DRCC, WTC	30.4	
91	Turkayamjal	10	DRCC, WTC	0.5	
92	Adibatla	9	DRCC, WTC	9	
93	Amangal	10	DRCC, WTC	1.7	
94	Badangpet	30	DRCC, WTC	24	
95	BandlagudaJagir	35	DRCC, WTC	19.25	
96	Ibrahimpatnam	9	DRCC, WTC	9	
97	Manikonda	35	DRCC, WTC	9.8	
98	Meerpet	60	DRCC, WTC	15	
99	PeddaAmberpet	27	DRCC, WTC	27	
100	Shamshabad	25	DRCC, WTC	5	
101	Shankarpally	15	DRCC, WTC	6	
102	Thukkuguda	9	DRCC, WTC	1.35	
103	Ameenpur	29	DRCC, WTC	13.05	

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
104	Andolejogipet	11	DRCC, WTC	9.35	
105	Bollaram	25	DRCC, WTC	0	
106	Narayankhed	11	DRCC, WTC	0.55	
107	Sadasivpet	21	DRCC, WTC	18.9	
108	Sangareddy	49	DRCC, WTC	14.7	
109	Tellapur	8	DRCC, WTC	6.4	
110	Zaheerabad	55	DRCC, WTC	0	
111	Gajwel	11	DRCC, WTC	11	
112	Siddipet	47	DRCC, WTC	45.12	
113	Cherial	14	DRCC, WTC	7.7	
114	Dubbaka	9	DRCC, WTC	0.45	
115	Husnabad	12	DRCC, WTC	3.12	
116	Kodada	32	DRCC, WTC	29.12	
117	Suryapet	65	DRCC, WTC	35.75	
118	Huzurnagar	21	DRCC, WTC	2.94	
119	Neredcherla	6	DRCC, WTC	0.42	
120	Tirumalagiri	8	DRCC, WTC	5.2	
121	Vikarabad	30	DRCC, WTC	13.5	NA
122	Kodangal	5	DRCC, WTC	2.45	Tenders Called for MSW processing, Completion Timeline:1 year
123	Parigi	10	DRCC, WTC	2	
124	Tandur	40	DRCC, WTC	22	
125	Wanaparthy	32	DRCC, WTC	10.88	
126	Amarchinta	6	DRCC, WTC	0.48	
127	Atmakur	12	DRCC, WTC	1.08	
128	Kothakota	14	DRCC, WTC	0.84	
129	Pebbair	14	DRCC, WTC	2.8	
130	Narsampet	20	DRCC, WTC	3.6	Tender yet to be called

S. No.	ULB	Total MSW Generation in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
131	Parakala	13	DRCC, WTC	4.16	
132	Wardhannapet	8	DRCC, WTC	1.6	
133	Warangal	404	DRCC, WTC	242.4	
134	Bhongir	33	DRCC, WTC	31.68	Work under progress for MSW processing, Completion Timeline:9 Months
135	Alair	8	DRCC, WTC	0.4	
136	Choutuppal	22	DRCC, WTC	1.54	
137	Mothkur	14	DRCC, WTC	1.12	
138	Pochampally	14	DRCC, WTC	1.26	
139	Yadagirigutta	12	DRCC, WTC	0.96	
140	Kothur	6	DRCC, WTC	3.3	Tender yet to be called
		4311		1870.26	

Annex-VI

Details of the ULBs in PRS and the Solid Waste Management

River Stretch	Name of ULB	Total quantity of waste generated in ULB (in Tonnes/Day)	Total quantity of waste Processed (in Tonnes/Day)
Musi	Miryalaguda	50	35
Manjeera-nakkavagu	-		0
Maneru (P-III) (Karimnagar LMD to Somanpalli)	Huzurabad	18	10.9
	Jammikunta	28	5
	Parakala	13	0.9
	Bhupalpally	13	4
	Sulthanabad	9	1
	Kothapalli	9	6.5
	Karimnagar	95	50
Karakavagu (P-III)	Palwancha	38	13.7
Kinnerasani (P-IV)			
Godavari (P-IV)(Basar to Bhadrachalam)	Mancherial	21	19
	Ramagundam	115	25.7

River Stretch	Name of ULB	Total quantity of waste generated in ULB (in Tonnes/Day)	Total quantity of waste Processed (in Tonnes/Day)
	Dharmapuri	9	5.5
	Jagityal	50	22
	Korutla	38	17.6
	Metpalli	29	10
	Manuguru	14	2.1
	Bellampally	25	3
	Chennur	12	7.5
	Kyathanpally	9	2.85
	Luxettipet	12	1.4
	Manadamarri	21	24
	Naspur	33	6
	Khanapur	6	1.1
	Nirmal	66	3.2
	Armur	30	8.4
	Manthani	14	17
	Bhainsa	24	2.3
Krishna (P-V) (Thangadi to Wadapally)	Gadwal	18	4
	Alampur	6	1.1
	Ieeja	12	0.9
	Kollapur	8	20.4
	Makthal	11	11
	Total	**856**	**343.05**

Details of the Rural Bodies on sewage and solid waste management is placed in in the last due to page orientation in landscape

Annex-VII

Details of Legacy dumpsites in the Polluted River Stretches witin 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
	Naspur	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
	Ieeja	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

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

S. No	Name of city	Dumpsite Location	Quantity of waste at dumpsite (T)
1.	Armoor	Near Issapally Village, Armoor	452235
2.	Bellampally	Kannala Basthi	51100
3.	Bhainsa	Kunchiwali Pahad	31299
4.	Bhupalpally	Kasimpally	25182.08
5.	Chennur	Near Buddharam Road	12034.05
6.	Khanapur	Gangaipet At Maskapur Gp	58254

S. No	Name of city	Dumpsite Location	Quantity of waste at dumpsite (T)
7.	Kyathanpally	Mandamarri	24528
8.	Luxettipet	Godhavari River Near Gangamma Thalli Temple	19162.5
9.	Mancherial	Vempally Village (Land Allotted But Not Handed Over)	89936
10.	Mandamarri	Chethlapur	42249.48
11.	Manthani	Near Madhura Pochamma Temple (Temporary)	8942.5
12.	Manuguru	Annaram	24528
13.	Naspur	Mupidi Pochamma Temple	58254
14.	Nirmal	Edulapuram Shivar	122640
15.	Palwancha	Srinivasa Colony	81760
16.	Ramagundam	Jallaram	293825
17.	Sulthanabad	Yadav Nagar Near Railway Track	51100

Annexure-VIII- Water quality Analysis Reports

Water Quality Data of Polluted River Stretches of Telangana State to be displayed in the TSPCB website									
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-22	6.0	8.13	481	1.2	46	0.03	0.5	NA
2	Feb-22	5.1	7.67	498	1.0	63	0.01	0.5	NA
3	Mar-22	5.4	8.25	502	1.0	20	0.04	0.5	NA
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-22	0.3	7.96	1391	6	920	0.02	0.5	NA
2	Feb-22	0.3	7.42	1341	6	920	0.04	0.5	NA
3	Mar-22	0.3	7.92	1452	8	430	0.07	0.5	NA

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-22	0.3	7.93	1422	8.0	430	0.06	0.5	NA
2	Feb-22	0.3	7.36	1337	6.0	430	0.02	0.5	NA
3	Mar-22	0.3	6.58	1373	6.2	540	0.01	0.5	NA

River Musi at Kasaniguda (NWMP station code: 3082)									
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-22	6.6	7.72	1272	3.5	63	0.01	0.5	1.12
2	Feb-22	6.6	7.40	1253	3.2	58	0.01	0.5	0.86
3	Mar-22	6.4	8.01	1481	3.6	70	0.01	0.5	1.03
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 (mg/L)**
1	Jan-22	6.0	8.02	816	2.5	27	0.01	0.5	0.76
2	Feb-	6.1	8.17	808	2.8	24	0.01	0.5	0.69

	22								
3	Mar-22	6.0	7.90	1172	2.4	26	0.01	0.5	0.83

Stretch-2, River Manjeera (Gowdicherla to Nakkavagu)									
Monitoring locations on River Manjeera									
U/s of river Manjeera at Gowdicharla 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-22	5.9	7.25	656	2.9	27	0.01	0.5	0.68
2	Feb-22	6.2	7.20	620	2.7	31	0.01	0.5	0.70
3	Mar-22	6.0	7.22	676	3.0	33	0.01	0.5	0.71

D/s of River Manjeera at Gowdicherla atfter 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-22	6.1	7.22	594	2.8	43	0.01	0.5	0.69
2	Feb-22	6.3	7.29	576	2.5	39	0.01	0.5	0.57
3	Mar-22	6.2	7.31	608	2.8	41	0.01	0.5	0.63

Stretch-3, Gandilachapet to Sevalal 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-22	2.7	7.21	1773	8.0	130	0.01	0.5	0.93
2	Feb-22	2.9	7.40	1632	9.0	110	0.01	0.5	0.84
3	Mar-22	2.6	7.50	1722	10	120	0.01	0.5	0.86

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-22	5.6	8.18	563	1.1	26	0.03	0.5	NA
2	Feb-22	4.8	7.69	649	1.6	41	0.01	0.5	NA
3	Mar-22	4.6	8.20	565	1.4	43	0.03	0.5	NA

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-22	5.2	8.11	476	1.0	33	0.03	0.5	NA
2	Feb-22	4.6	7.92	589	2.0	48	0.02	0.5	NA
3	Mar-22	4.5	8.30	585	1.8	46	0.04	0.5	NA

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-22	6.0	7.72	570	1	40	0.01	0.5	NA
2	Feb-22	5.5	8.27	706	1	31	0.04	0.5	NA
3	Mar-22	5.4	7.99	626	1.8	36	0.02	0.5	NA

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-22	1.0	7.97	1807	4	280	0.02	0.5	NA
2	Feb-22	3.2	8.10	2027	4.8	33	0.03	0.5	NA
3	Mar-22	2.9	8.51	2175	3.4	41	0.64	0.5	NA

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-22	6.8	7.55	646	1.5	26	0.01	0.5	0.66
2	Feb-22	6.6	7.62	620	1.3	24	0.01	0.5	0.73
3	Mar-22	6.7	7.93	745	1.5	26	0.01	0.5	0.71

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-22	5.5	7.52	559	1.2	38	0.01	0.5	NA
2	Feb-	5.0	8.27	600	1.2	33	0.04	0.5	NA

	22								
3	Mar-22	5.2	8.31	615	1.6	36	0.04	0.5	NA

River Godavari at mancherial, Near Rail Way Bridge B/C of Rallavagu station code: 2361) (NWMP									
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-22	5.6	7.45	565	1.2	36	0.01	0.5	NA
2	Feb-22	5.1	8.29	608	1.8	32	0.04	0.5	NA
3	Mar-22	5.0	8.26	614	1.4	38	0.04	0.5	NA

River Godavari at Ramagundam upstream near dam (NWMP station code: 2364)									
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-22	6.0	7.48	560	1.0	27	0.01	0.5	NA
2	Feb-22	5.5	7.76	612	1.1	43	0.01	0.5	NA
3	Mar-22	5.3	8.20	620	1.4	47	0.03	0.5	NA

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-22	5.4	7.73	554	1.2	40	0.01	0.5	NA
2	Feb-22	5.0	8.44	610	1.0	31	0.05	0.5	NA
3	Mar-22	5.0	8.20	623	2.2	41	0.03	0.5	NA

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-22	5.2	7.46	569	1.2	31	0.01	0.5	NA
2	Feb-22	5.0	7.85	617	1.2	49	0.02	0.5	NA
3	Mar-22	4.9	7.92	621	2.8	32	0.02	0.5	NA

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-	5.8	7.34	592	1.0	34	0.01	0.5	NA

	22								
2	Feb-22	5.2	7.68	669	1.6	40	0.01	0.5	NA
3	Mar-22	5.2	8.21	703	1.6	49	0.03	0.5	NA

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-22	6.0	7.85	389	1.0	120	0.02	0.5	NA
2	Feb-22	5.4	8.00	349	2.0	120	0.02	0.5	NA
3	Mar-22	5.8	8.39	410	1.2	63	0.05	0.5	NA

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-22	6.0	7.81	393	1.0	150	0.01	0.5	NA
2	Feb-22	5.4	7.90	354	2.0	120	0.02	0.5	NA
3	Mar-22	5.8	8.38	424	1.4	84	0.05	0.5	NA

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-22	5.9	8.03	372	1.0	34	0.02	0.5	NA
2	Feb-22	5.4	8.01	430	2.0	41	0.02	0.5	NA
3	Mar-22	5.6	8.18	402	1.0	46	0.03	0.5	NA

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-22	5.7	7.95	371	2	39	0.02	0.5	NA
2	Feb-22	5.2	8.05	433	2.2	58	0.02	0.5	NA
3	Mar-22	5.1	8.14	403	2.1	58	0.03	0.5	NA

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-22	5.7	7.96	444	1.8	25	0.02	0.5	NA
2	Feb-22	5.2	8.02	428	2	40	0.020	0.5	NA
3	Mar-22	5.1	8.10	432	1.6	43	0.026	0.5	NA

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-22	5.8	8.26	479	1.0	21	0.03	0.5	NA
2	Feb-22	5.0	8.12	531	2.0	43	0.03	0.5	NA
3	Mar-22	5.1	8.20	525	1.6	38	0.03	0.5	NA

Stretch-8, Thangadi to Wadapally

Monitoring locations on River Krishna

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-22	5.8	8.02	1051	1.4	220	0.02	0.5	NA
2	Feb-22	5.8	7.90	924	2.2	240	0.02	0.5	NA
3	Mar-22	5.4	7.30	1212	1.8	280	0.01	0.5	NA

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-22	5.6	8.35	1068	1.6	220	0.05	0.5	NA
2	Feb-22	5.7	7.98	919	2.2	240	0.02	0.5	NA
3	Mar-22	5.2	7.40	1204	2.0	240	0.01	0.5	NA

Annexure-IX

Ground Water Quality – placed below in landscape

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 ooru - 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
38	Nirmal	Khanapur	4

Sl.No.	Name of the District	Name of the Municipality	Total No. of
	Nirmal Total		**89**
39	Komaram Bheem	Kagaznagar	11
	Komaram Bheem Total		**11**
40	Mancherial	Mancherial	59
41	Mancherial	Bellampally	25
42	Mancherial	Naspur	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	Ibrahimpatnam	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	Shankarpaliy	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	Boduppal 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
85	Kamareddy	Banswada	83
86	Kamareddy	Yellareddy	6

Sl.No.	Name of the District	Name of the Municipality	Total No. of
	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
130	Jogulamba Gadwal	leeja	45
131	Jogulamba Gadwal	Waddepalle	6
132	Jogulamba Gadwal	Alampur	6

Sl.No.	Name of the District	Name of the Municipality	Total No. of
	Jogulamba Gadwal Total		**63**
133	Wanaparthy	Wanaparthy	10
134	Wanaparthy	Kothakota	3
135	Wanaparthy	Pebbair	3
136	Wanaparthy	Atmakur	2
137	Wanaparthy	Amarchinta	1
	Wanaparthy 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 May-2022 during F.Y.2022-23

		During May-22	Cumulative Since April-2022 during F.Y.2021-22
TSWALTA	No. of Applications Approved	**137**	**251**
TSiPASS	No. of Applications Approved	**14**	**34**
	No. of Applications Rejected	**5**	**7**
Rain Water Harvesting Artificial Recharge Structures (ARS)	Sites Recommended	**830**	**1407**

Annex-A

NO. OF INDUSTRIES ISSUED WITH CLOSURE ORDERS / STOP PRODUCTION ORDERS FOR THE PERIOD FEBRUARY TO MAY, 2022			
S.No.	**Name & Address of the industry**	**Date of Closure**	**Category for issuing the closure order**
1	M/s. Raghavendra Stone Crusher Mine, Sy.No: 83 & 84, Kothamalgara, Bhoothpur (M), Mahabubnagar District	18.02.2022	A&W
2	M/s. Sri Shiv Shakti Steel and Alloys (Sponge Iron unit), Sy.No.565, Veerlapally (V), Kothur (M), Rangareddy District	16.02.2022	A&W
3	M/s. Vivanta Laboratories (P) Ltd (formerly M/s. Anu Pharma (P) Ltd), Sy.No.112/1, Rangareddyguda Village, BalanagarMandal, Mahaboobnagar District	21.02.2022	A&W
4	M/s. SS Enterprises. (SH Enterprises), Sy.No. 278 & 279, Kandukur (V&M), Rangareddy District	06.04.2022	A&W
5	M/s. Pavithra Dairy Products Pvt. Limited, Sy.No.276, 277 & 278 (P), Phase-IV, IP, Pashamailaram (V), Patancheru (M), Sangareddy District	04.02.2022	Water
6	M/s. SVR Laboratories (P) Ltd., Sy.No. 238(part), 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
7	M/s. Chemic Life Sciences (P) Ltd., Sy.No. 238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
8	M/s. VJ Sai Chem., Sy.No.240/B, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
9	M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.), Sy. No. 210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
10	M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
11	M/s. Vasudeva & Co, Sy.No 242, 244 & 245, Nawabpet Village, Shivampet Mandal, Medak District.	15.03.2022	A&W
12	Un-named Lead Acid Batteries Recycling Unit operated by Sri Munna, Owner, Sy.No.209, Madharam Village, Jinnaram Mandal, Sangareddy District	27.04.2022	A&W
13	Un-named Lead Acid batteries recycling unit operated by Sri Manoj, Owner, Sy.No.209, Madharam Village, Jinnaram Mandal, Sangareddy District	27.04.2022	A&W
14	Un-named Lead Acid Batteries Recycling Unit operated by Sri Raju, Owner, Sy.No.209, Madharam Village, Jinnaram Mandal, Sangareddy District	27.04.2022	A&W
15	M/s. Medchem Labs (Formerly M/s Zyden Gentec Ltd., / M/s Sree Venkateswara Medichem Labs Pvt Ltd.,) Plot No. 8-71/1, IDA, Bollaram, Jinnaram (M), Sangareddy District	27.04.2022	A&W
16	M/s. Sri Monahsi Life Sciences Pvt. Ltd, Plot No:149 & 150, IDA Pashamailaram, Patancheru (M), Sangareddy District	23.05.2022	A&W
17	M/s. Sri Yadadri Life Sciences (P) Ltd., (Formerly M/s. Pravah Laboratories (P) Ltd), Sy.No.188 & 189, Ramojipet (V), Yadagirigutta (M), Yadadri Bhuvanagiri District	28.05.2022	A&W
18	M/s. Gayatri Sugars Ltd., (Distillery Unit), Adloor-Yellareddy (V), Sadashivanagar (M), Kamareddy District	28.05.2022	A&W
19	Unnamed Plastic recycling unit (Owner Srinivas), Pasumamla (V), Hayathnagar (M), Rangareddy District.	01.02.2022	A&W
20	Unnamed Plastic recycling unit (Owner Ramreddy), Pasumamla (V), Hayathnagar (M), Rangareddy District.	01.02.2022	A&W
21	M/s. ASL Polymers, Sy.No. 62,6-46/3, Plot No. 137, Shilpi Colony, Pasumamla (V), Hayathnagar (M), Rangareddy District	01.02.2022	A&W
22	M/s. SS Polymers, Sy.No. 63/4, Pasumamla (V), Hayathnagar (M), Rangareddy District	01.02.2022	A&W
23	Unnamed Granite Industry (Sri Girish Shyam - 9393061401), Sy.No. 63/4, Pasumamla (V), Hayathnagar (M), Rangareddy District	01.02.2022	A&W
24	Unnamed Plastic recycling unit (Owner Girish - 9652993831), Pasumamla (V), Hayathnagar (M), Rangareddy District (Power Meter Sl.No. 10473355)	01.02.2022	A&W

25	Unnamed Plastic recycling unit (Owner Karnakar Reddy - 9502560700), Pasumamla (V), Hayathnagar (M), Rangareddy District (Service No.SRN 2829)	01.02.2022	A&W
26	M/s. Sneha Enterprises (Sachin Rathi - 93460755868), Sy.No. 61, Pasumamla (V), Hayathnagar (M), Rangareddy District.	01.02.2022	A&W
27	M/s. Rohit Extractions Pvt. Ltd., Sy.No. 29, 33, 34 & 36, Narapally (V), Ghatkesar (M), Rangareddy District.	01.02.2022	A&W
28	M/s. Prajna Generics Pvt. Ltd., Plot No.18TF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
29	M/s. Neovation Life Sciences India Pvt. Ltd., Plot No.22 & 23TF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
30	M/s. MNR Labs Pvt. Ltd., Plot No.22 & 23, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
31	M/s. Acura Life Sciences, Plot No.25/G, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
32	M/s. Neo Chemsys, Plot No.63FF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
33	M/s. Rupeksha Pharma, Plot No.66SF/1, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
34	M/s. Ace Biosciences, Plot No. 94/B/TF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
35	M/s. Lattice Chem Pvt. Ltd., Plot No. 102 SF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
36	M/s. Sahasra Pharma Chem (M/s. Vahni Laboratories), Plot No. 102 TF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	02.02.2022	Water Act
37	M/s. Jayalakshmi Rice Industries, Sheriguda (V), Ibrahimpatnam (M), Rangareddy District.	16.03.2022	A&W
38	M/s. Sri Sai Ganesh Food Products, P.No. 30, Thorrur (V), Abdullapurmet (M), Rangareddy District	16.03.2022	A&W
39	M/s. Briten Cleaners (Laundry Service), Plot No. 414, 415 & 416, New Green city, Budvel (V), Rajendranagar (M), Rangareddy District.	06.04.2022	A&W
40	M/s. Chandini Plastic recycling unit, Sy. No. 451, 452, New Green city, Budvel (V), Rajendranagar (M), Rangareddy District.	06.04.2022	A&W
41	M/s. SS safe wash laundry Service, H No. 1-2-116/ 1/17, New Green city, Budvel (V), Rajendranagar (M), Rangareddy District.	06.04.2022	A&W
42	M/s. Survarna Durga Empty Bottle Cleaning Industry, Hayathnagar, Rangareddy District	18.04.2022	A&W
43	M/s. Ozo Agri Care Pvt. Ltd., # 6-3, Sri Sai Road Lines, Hayathnagar, Rangareddy District	18.04.2022	A&W
44	M/s. Vimal Industry, Sy.No. 1452, Nandigama (V&M), Rangareddy District	22.04.2022	A&W
45	M/s. Bharat Motocorp Pvt. Ltd., # 5-9-171, Chepal Road, Opp. Stanly School, Abids, Hyderabad	22.04.2022	A&W
46	M/s. Sree Sai Ram Enterprises, Sy.No. 494, 495, Gollapalli (V), Mallial (M), Jagtial District	23.04.2022	A&W
47	M/s. AS Industries, Near Sri Sai Model High School, Venkata Reddy Nagar Colony, Cherlapally, Medchal-Malkajgiri District	25.04.2022	A&W
48	M/s. Sai Metal Finishing Works, #5-24-274, NTR Nagar, Srinivas Nagar, Jagathgiri Gutta, Medchal-Malkajgiri District	25.04.2022	A&W
49	M/s Kanaka Mahalaxmi Parboiled Rice Industries, Near Addanki Bypass, Gollaguda, Nalgonda Town & District.	03.03.2022	A&W
50	M/s. Ram Laxman Parboiled Rice (P) Ltd., Sy. No. 1120, 1136, 1173, Sheshammagudem (V), Nalgonda Mandal & District	11.03.2022	A&W

NO. OF INDUSTRIES ISSUED WITH DIRECTIONS FOR THE PERIOD FEBRUARY TO MAY, 2022

	Name and Address of the industry	Date of Direction	Act
1	M/s. Bilasraika Sponge Iron India Pvt. Ltd., Gundlapotlapally Village, Balanagar Mandal, Mahaboobnagar District	02.02.2022	A&W

2	M/s. HSR Ventures Pvt. Ltd., Survey No. 57/1, Karmanghat(V), Saroornagar(M), Ranga Reddy District	18.02.2022	A&W
3	M/s Kothagudem Thermal Power Station (Stage - V & Stage VI), Paloncha (M), Bhadradri Kothagudem District	21.02.2022	A&W
4	"Girija Marvel" of M/s Girija Builders Pvt. Ltd., Survey Nos. 80, 81, 82, 83 and 106, Chandanagar, Serilingampally, Ranga Reddy District	07.03.2022	A&W
5	M/s. Vijayanand Kraft Papers Pvt Ltd., Sy.No.76, Yelikata Village, Farooqnagar Mandal, Rangareddy District	02.03.2022	A&W
6	Sunder Ispat Limited (Sponge Iron Division), Sy.No.268/A/276, 277, Ippalapally (V), Keshampet (M), Shadnagar Taluq, Mahaboobnagar District	16.04.2022	A&W
7	Madhucon Sugars & Power industries, Rajeswarapuram (V), Nelakondapally (M), Khammam District	28.04.2022	A&W
8	M/s Bhadradri Thermal Power Station (BTPS), Ramanujavaram, Edullabayyaram & Seetharampuram Villages of Manuguru & Pinapaka Mandals, Bhadradri Kothagudem District	28.04.2022	A&W
9	M/s. MSN Life Sciences Pvt. Ltd., Unit – I (Formerly M/s Vijeta Life Sciences Pvt Ltd.,) Sy. No. 21/A & 21 AA, Mambapur Village, Gummadidala Mandal, Sangareddy District	01.02.2022	A&W
10	M/s. SMS Life Sciences India Limited- Unit -1 (Formerly M/s SMS Pharmaceuticals Ltd.,), Khazipally Village, Jinnaram Mandal, Sangareddy District	01.02.2022	A&W
11	M/s. Shree Jaya Laboratories (P) Ltd., Sy.No.299 & 299/AA, Malkapur (V), Choutuppal (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
12	M/s. Vineet Laboratories Ltd., (Formerly M/s. Ortin Laboratories Ltd.), Sy.No. 300, Malkapur (V), Choutuppal (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
13	M/s. Hazelo Lab Private Limited, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
14	M/s. Archimedis Laboratories (P) Ltd., Sy.No. 238, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
15	M/s. Optimus Drugs (P) Ltd. Sy.No. 238, 239, 240 & 248, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
16	M/s. Rishon laboratories (P) Ltd., (Formerly M/s. Guna Sai Life Science (P) Ltd., & M/s. Anica Labs (P) Ltd.,), Sy.No. 464 & 465, D.Nagaram (V), H/o.Koyyalagudem, Choutuppal (M), Yadadri Bhuvanagiri District	02.03.2022	A&W
17	M/s. Maithri Laboratories Private Limited, Unit - II, (Formerly M/s. VC Laboratories (P) Ltd) Sy.No. 281 to 283, S.Lingotam (V), Choutuppal (M), Yadadri Bhuvanagiri District	07.03.2022	A&W
18	M/s. Ganapati Sugar Industries Ltd. (Sugar & Power Plant), Sy.No. 688 to 710 and 76 to 80, Fasalwadi / Kulubgoor (V), Sangareddy.	16.03.2022	A&W
19	M/s. Trident Sugars Ltd., (A Subsidiary of Natems Sugar Pvt. Ltd), Madhunagar (V), Zaheerabad (M), Sangareddy District.	16.03.2022	A&W
20	M/s. VBC Ferro Alloys Ltd., Rudraram (V), Patancheru (M), Sangareddy District.	16.03.2022	A&W
21	M/s. Classic Papers, Sy.No. 352 & 371, Srinagar (V), Gundaram (GP), Nizamabad District	21.03.2022	A&W
22	M/s. Decor Paper Mills, Sy.No. 344, 29, 30 & 343, Polampally (V), Chegunta (M), Medak District	21.03.2022	A&W
23	M/s. Prima Foodtech Pvt. Ltd., Sy. No. 134/A, 134/EE, 240 & 241, Muppireddypally Village, Manoharabad Mandal, Medak District	23.03.2022	A&W
24	M/s. Phalanx Labs, Plot No.22 & 23, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act

25	M/s. Greenovel Life Sciences, Plot No.94/B/TF, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	08.02.2022	Water Act
26	M/s. Lograns Pharma Pvt. Ltd., Plot No. 68, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
27	M/s. Skven Technologies Pvt. Ltd., Plot No. 130, ALEAP IE, Pragathi Nagar, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
28	M/s. Laxmi Genchem Sciences Pvt Ltd., Plot No. 90, ALEAP, IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
29	M/s. Asens Labs, Plot No. 25, Sy. No. 342, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
30	M/s. HTS Bio- Pharma Pvt. Ltd., Sy. No. 342, Plot No. 97, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
31	M/s. RVR Labs Pvt. Ltd., Plot No. 6, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
32	M/s. ShreeGen Pharma Ltd., Plot No. 116/GF, ALEAP Industrial Estate, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
33	M/s. Chandana Laboratories Pvt. Ltd., Plot No. 23A/GF, ALEAP IE, Gajularamaram (V), Quthbullapur (M), Medchal – Malkajgiri District	07.02.2022	Water Act
34	M/s. VSA Pharma, Plot No. 35, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
35	M/s. Medzine Life Sciences, Plot No. 69, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
36	M/s. Admiron Life Sciences Private Limited, Plot. No. 95 & 96, ALEAP IE, Pragathi Nagar, Gajularamaram (V), Qutubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
37	M/s. SML Pharma, Sy. No. 94/A, ALEAP Industrial Estate, Pragathinagar, Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
38	M/s. Vasista Pharma Chem Pvt. Ltd., Sy. No. 342, Plot No. 82 & 83, ALEAP Industrial Estate, Gajularamaram, Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
39	M/s. Zodiac Life Sciences Pvt. Ltd., Plot No.93, Sy.No.342, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
40	M/s. Etico Life Sciences Pvt Ltd., Sy. No. 342, Plot No. 121 & 122, ALEAP IE, Gajularamaram, Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
41	M/s. Granules India Ltd., (Earlier Ecologic Technologies (P) Ltd., Plot No. 56, ALEAP, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
42	M/s. Innovare Labs (P) Ltd., Plot No. 64, Plot No. 19, ALEAP Industrial Estate, Pragathinagar, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
43	M/s. Siflon Drugs & Pharmaceuticals (P) Ltd., Plot No. 20 & 21, ALEAP, Gajularamaram (V), Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
44	M/s. Therdose Pharma (P) Ltd., (Unit-III), Plot No. 92 A, Sy. No. 342, ALEAP, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
45	M/s. Therdose Pharma (P) Ltd., Plot No. 118 to 120, ALEAP, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
46	M/s. Sciegen Pharmaceuticals India (P) Ltd., Plot No. 70, 71, ALEAP IE, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act

47	M/s. Orbicular Pharmaceuticals Technologies Pvt. Ltd., Plot No. 132 & 133, ALEAP Industrial Estate, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
48	M/s. Vidgas Science & Technologies (P) Ltd., Plot No. 70, ALEA, IE, Pragathi Nagar, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
49	M/s. Invitron Advanced Analytics Pvt Ltd., (formarly M/s.Elmira Laboratories (P) Ltd.,) Plot No. 126, Sy. No. 342, ALEAP Industrial Estate, Gajularamaram (V), Qutubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
50	M/s. SVAK Life Sciences, Plot No. 92 B, Sy. No. 342, ALEAP IE, Gajularamaram (V), Quthbullapur (M), Medchal – Malkajgiri District	07.02.2022	Water Act
51	M/s. Monvi Laboratories (P) Ltd., Plot. No. 95 & 96, 3rd Floor, ALEAP IE, Pragathi Nagar, Gajularamaram (V), Qutubullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
52	M/s. Revin Labs (P) Ltd., Plot No. 84, Road No.8, 3rd Floor, ALEAP IE, Gajularamaram (V), Quthbullapur (M), Medchal – Malkajgiri District	07.02.2022	Water Act
53	M/s. Caplin Point Laboratories Ltd., Plot No. 95&96, ALEAP Industrial Estate, Gajularamaram (V), Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
54	M/s. WDB India Private Ltd., 1st floor, Plot No. 24, ALEAP Industrial Estate, Pragathinagar, Quthbullapur (M), Medchal-Malkajgiri District	07.02.2022	Water Act
55	M/s. Blend Colours Pvt. Ltd., Plot No.26, IDA Mankhal, Maheshwaram (M), Rangareddy District	09.02.2022	A&W
56	M/s. Lucky Oil Company, Plot No.33/A, IDA Mankhal, Rangareddy District.	09.02.2022	A&W
57	M/s. Lohiya Edible Oils Pvt. Ltd., Plot No.4. Sy.No. 460/2, 461, 462/2, 479 to 482, APIIC, IDA Mankhal, Maheshwaram (M), Rangareddy District	09.02.2022	A&W
58	M/s. Lohiya Veg Oils Pvt. Ltd., Plot No.3, Sy.No.460/2, 461, 462/2 & 479 to 482, APIIC, IDA Mankhal, Maheshwaram (M), Rangareddy District	09.02.2022	A&W
59	M/s. Priyanka Refineries Pvt. Ltd. (Unit-II), Plot No.2, APIIC, IDA Mankhal, Maheswaram (M), Rangareddy District	09.02.2022	A&W
60	M/s. Aparna Enterprises Ltd., Plot No.17 & 17A, IDA Mankhal, Maheshwaram (M), Rangareddy District.	09.02.2022	A&W

Annexure-IX

Ground water Quality during Post Monsoon 2021 (November)																	
S NO	**River**	**Priority**	**District**	**pH at 25 °C**	**Sp. Cond. At 25°C mic.sie/ cm**	**TDS mg/lit.**	**T.H. as CaCO3 mg/lit.**	**Ca Calcium mg/lit.**	**Mg Magneisum mg/lit.**	**Na Sodium mg/lit.**	**K Potassium mg/lit.**	**CO3 as CaCO3 mg/lit.**	**HCO3 as CaCO3 mg/lit.**	**Chloride mg/lit.**	**Sulphate mg/lit.**	**NO3 mg/lit.**	**Fluoride mg/lit.**	**SAR**
				1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
1	Musi	I	Hyderabad	6.77	888	568	260	88	10	82	1	0	250	70	55	46	1.03	2.21
2	Musi	I	Hyderabad	7.14	890	570	400	72	53	57	1	0	360	70	57	3	0.65	1.24
3	Musi	I	Hyderabad	6.96	1367	875	380	72	49	143	14	0	400	120	82	58	0.75	3.19
4	Musi	I	Hyderabad	6.91	1145	733	420	128	24	91	4	0	320	130	89	19	0.94	1.93
5	Musi	I	Hyderabad	7.52	1046	669	320	48	49	118	2	0	420	90	18	0.4	3.33	2.87
6	Musi	I	Hyderabad	7.52	768	492	260	48	34	62	15	0	270	60	50	3	0.61	1.67
7	Musi	I	Hyderabad	7.44	1016	650	360	96	29	82	2	0	200	100	140	53	1.19	1.88
8	Musi	I	Hyderabad	7.31	1302	833	440	128	29	101	8	0	350	110	82	79	0.44	2.09
9	Musi	I	Hyderabad	7.29	790	506	260	56	29	72	2	0	200	90	79	2	0.89	1.94
10	Musi	I	Hyderabad	6.90	1202	769	320	80	29	148	1	0	310	120	81	79	0.75	3.60
11	Musi	I	Hyderabad	7.77	916	586	280	64	29	97	4	0	270	90	58	40	0.77	2.52

12	Musi	I	Hyderabad	7.31	1065	682	320	88	24	105	12	0	330	90	79	26	0.51	2.55
13	Musi	I	Jangaon	7.56	384	246	160	24	24	55	5	0	130	100	6	5	1.64	1.891
14	Musi	I	Jangaon	7.98	594	380	220	40	29	44	6	0	130	100	11	44	0.9	1.29
15	Musi	I	Jangaon	8.35	1611	1031	400	80	49	174	11	20	180	330	75	20	2.11	3.783
16	Musi	I	Jangaon	8.3	1112	712	200	40	24	112	5	10	100	110	17	201	0.7	3.444
17	Musi	I	Jangaon	7.07	1094	700	240	48	29	151	4	0	140	140	64	195	0.74	4.238
18	Musi	I	Jangaon	7.37	474	303	220	48	24	18	1	0	100	70	35	18	2.52	0.528
19	Musi	I	Jangaon	7.99	1097	702	240	48	29	118	13	0	140	120	72	143	1.14	3.312
20	Musi	I	Jangaon	8.31	843	540	240	48	29	74	1	20	130	130	56	3	0.88	2.077
21	Musi	I	Jangaon	8.14	944	604	220	32	34	98	7	0	150	120	53	73	0.6	2.873
22	Musi	I	Jangaon	8.17	744	476	220	48	24	56	13	0	120	100	45	54	1.33	1.642
23	Musi	I	Jangaon	7.85	698	447	200	48	19	81	3	0	120	100	60	47	1.63	2.49
24	Musi	I	Jangaon	7.96	884	566	220	48	24	104	2	0	120	120	56	116	0.79	3.049
25	Musi	I	Jangaon	7.77	1493	956	340	72	39	218	2	0	290	250	89	58	1.42	5.141
26	Musi	I	Medchal	7.80	1291	826	460	152	19	90	2	0	50	210	116	223	1.75	1.83
27	Musi	I	Medchal	8.33	1652	1057	160	24	24	309	2	10	520	180	67	0.3	1.21	10.63
28	Musi	I	Medchal	7.25	1711	1095	580	168	39	132	3	0	400	170	113	141	1.12	2.37
29	Musi	I	Medchal	7.95	660	422	200	48	19	67	2	0	250	40	23	10	1.81	2.06

30	Musi	I	Medchal	7.13	1180	755	400	128	19	105	4	0	440	90	52	1	1.37	2.29
31	Musi	I	Medchal	8.10	633	405	200	48	19	55	16	0	150	100	34	11	0.57	1.69
32	Musi	I	Medchal	7.56	1143	732	500	136	39	37	3	0	240	150	92	51	0.84	0.73
33	Musi	I	Medchal	8.04	940	602	380	104	29	44	6	0	190	100	69	89	1.65	0.97
34	Musi	I	Medchal	7.94	434	278	180	64	5	19	3	0	140	20	49	4	0.21	0.60
35	Musi	I	Medchal	8.08	872	558	240	32	39	100	2	0	200	110	75	19	1.08	2.80
36	Musi	I	Medchal	7.85	921	589	360	96	29	55	3	0	120	160	95	54	0.93	1.26
37	Musi	I	Medchal	7.98	898	575	320	96	19	64	7	0	230	100	58	49	0.91	1.56
38	Musi	I	Medchal	7.65	977	625	360	48	58	65	1.8	0	340	70	44	4	1.43	1.49
39	Musi	I	Medchal	7.47	944	604	280	88	15	88	1	0	240	90	65	31	0.91	2.29
40	Musi	I	Medchal	7.48	954	611	280	72	24	87	1	0	270	110	33	1	0.58	2.26
41	Musi	I	Medchal	7.16	1188	760	460	160	15	63	4	0	420	80	75	3	0.59	1.27
42	Musi	I	Medchal	8.23	1106	708	200	16	39	162	4	0	140	290	18	0.04	0.62	4.99
43	Musi	I	Medchal	7.37	1209	774	480	128	39	66	3	0	230	200	60	41	1.52	1.31
44	Musi	I	Medchal	7.61	1142	731	400	104	34	93	4	0	250	130	114	61	0.76	2.03
45	Musi	I	Nalgonda	7.79	2048	1311	520	40	102	234	2	0	80	490	226	14	0.49	4.46
46	Musi	I	Nalgonda	7.03	852	545	300	24	58	59	2	0	210	60	115	15	0.32	1.48
47	Musi	I	Nalgonda	7.37	1206	772	480	80	68	61	3	0	190	200	127	6	0.44	1.21

48	Musi	I	Nalgonda	7.09	2520	1613	500	104	58	333	21	0	80	640	230	29	0.24	6.48
49	Musi	I	Nalgonda	7.68	1089	697	460	64	73	54	3	0	90	220	125	55	0.39	1.09
50	Musi	I	Nalgonda	7.66	486	311	180	40	19	27	4	0	60	60	82	14	0.45	0.88
51	Musi	I	Nalgonda	7.92	2033	1301	400	56	63	259	28	0	160	490	111	34	0.09	5.63
52	Musi	I	Nalgonda	7.91	540	346	140	32	15	60	19	0	150	70	43	4	0.22	2.21
53	Musi	I	Nalgonda	7.97	834	534	220	24	39	91	9	0	150	110	93	25	0.96	2.67
54	Musi	I	Rangareddy	7.62	264	169	140	32	15	7	3	0	140	10	8	13	0.18	0.26
55	Musi	I	Rangareddy	7.35	1720	1101	580	152	49	110	76	0	260	140	404	57	0.32	1.98
56	Musi	I	Rangareddy	7.27	937	600	360	112	19	55	1	0	400	30	17	27	0.50	1.26
57	Musi	I	Rangareddy	7.54	935	598	260	56	29	101	2	0	300	100	27	1	2.38	2.72
58	Musi	I	Rangareddy	7.81	699	447	240	32	39	56	0.2	0	270	30	12	42	1.79	1.58
59	Musi	I	Rangareddy	7.49	698	447	300	40	49	26	1	0	190	90	11	43	0.17	0.65
60	Musi	I	Rangareddy	7.60	638	408	260	40	39	31	2	0	270	20	10	23	0.75	0.83
61	Musi	I	Rangareddy	7.08	1215	778	320	80	29	120	2	0	310	130	75	10	1.19	2.91
62	Musi	I	Rangareddy	7.10	837	536	320	56	44	44	1	0	300	40	15	52	0.98	1.06
63	Musi	I	Rangareddy	7.54	1410	902	360	72	44	106	71	0	400	130	37	54	0.32	2.43
64	Musi	I	Rangareddy	7.65	797	510	360	24	73	31	1	0	360	20	11	33	0.82	0.71
65	Musi	I	Rangareddy	7.40	350	224	140	32	15	21	6	0	120	20	8	45	0.38	0.76

66	Musi	I	Rangareddy	7.14	120	77	40	8	5	13	1	0	30	20	8	1	0.14	0.89
67	Musi	I	Rangareddy	7.05	1329	851	400	120	24	106	15	0	390	130	29	56	0.54	2.30
68	Musi	I	Rangareddy	7.50	864	553	300	32	53	68	3	0	330	60	20	9	2.20	1.71
69	Musi	I	Rangareddy	6.93	504	323	220	40	29	25	0.2	0	230	20	11	3	0.45	0.73
70	Musi	I	Rangareddy	7.56	663	424	200	48	19	60	2	0	240	50	18	12	0.33	1.83
71	Musi	I	Rangareddy	7.32	1175	752	380	80	44	78	2	0	310	130	21	52	0.54	1.74
72	Musi	I	Rangareddy	7.28	1312	840	300	56	39	168	4	0	160	200	235	2	0.40	4.22
73	Musi	I	Rangareddy	7.29	1165	746	340	24	68	160	5	0	480	90	15	38	1.93	3.78
74	Musi	I	Rangareddy	6.76	2429	1555	980	320	44	96	6	0	250	560	149	8	1.09	1.33
75	Musi	I	Rangareddy	7.10	582	372	280	88	15	12	1	0	280	10	14	3	0.36	0.31
76	Musi	I	Rangareddy	7.22	599	383	280	72	24	21	4	0	200	70	13	20	0.19	0.55
77	Musi	I	Rangareddy	7.77	1778	1138	140	16	24	355	2	0	750	70	18	30	3.48	13.05
78	Musi	I	Rangareddy	7.30	905	579	380	56	58	41	1	0	350	60	22	18	0.59	0.92
79	Musi	I	Rangareddy	7.12	820	525	320	96	19	46	3	0	280	80	20	2	1.29	1.12
80	Musi	I	Rangareddy	7.11	642	411	160	48	10	64	12	0	170	80	23	5	0.29	2.20
81	Musi	I	Siddipet	7.67	414	265	180	56	10	16	0.4	0	120	10	15	78	0.53	0.52
82	Musi	I	Siddipet	7.66	780	499	140	32	15	100	2	0	80	140	32	62	1.54	3.67
83	Musi	I	Siddipet	7.57	939	601	280	40	44	82	2	0	100	120	32	193	0.54	2.13

84	Musi	I	Siddipet	7.57	522	334	220	48	24	28	1	0	200	40	14	16	1.08	0.82
85	Musi	I	Siddipet	7.66	273	175	80	16	10	31	1	0	100	20	10	5	1.24	1.51
86	Musi	I	Siddipet	7.38	807	516	260	48	34	65	2	0	160	120	18	75	1.07	1.75
87	Musi	I	Suryapet	7.72	1618	1036	300	104	10	195	1	0	140	350	48	25	0.69	4.90
88	Musi	I	Suryapet	7.29	741	474	260	56	29	69	2	0	270	80	20	7	0.57	1.86
89	Musi	I	Suryapet	7.22	1320	845	380	136	10	114	2	0	260	170	71	50	0.58	2.54
90	Musi	I	Suryapet	7.63	1359	870	460	120	39	88	6	0	100	220	15	283	0.84	1.78
91	Musi	I	Suryapet	7.30	749	479	260	72	19	63	4	0	240	80	23	20	0.53	1.70
92	Musi	I	Suryapet	7.67	972	622	340	104	19	69	3	0	270	90	63	35	0.52	1.63
93	Musi	I	Suryapet	7.49	910	582	320	88	24	93	6	0	260	170	34	4	0.60	2.26
94	Musi	I	Suryapet	7.80	635	406	240	56	24	56	2	0	240	70	16	8	0.74	1.57
95	Musi	I	Suryapet	7.30	1128	722	360	88	34	107	2	0	280	180	42	2	0.48	2.45
96	Musi	I	Suryapet	7.57	523	335	160	40	15	53	2	0	170	60	17	4	0.34	1.82
97	Musi	I	Suryapet	7.39	2580	1651	860	168	107	230	57	0	380	670	50	12	0.77	3.41
98	Musi	I	Suryapet	7.57	920	589	280	64	29	91	11	0	420	20	8	39	0.96	2.36
99	Musi	I	Vikarabad	7.04	719	460	240	56	24	39	2	0	150	110	17	0.3	0.66	1.09
100	Musi	I	Vikarabad	7.14	171	109	80	16	10	11	2	0	40	40	8	2	0.08	0.53
101	Musi	I	Yadadri	8.17	680	435	140	40	10	94	8	0	250	30	34	27	0.75	3.46

102	Musi	I	Yadadri	7.73	434	278	160	56	5	27	2	0	110	30	32	38	0.87	0.93
103	Musi	I	Yadadri	7.38	501	321	240	88	5	16	2	0	100	40	38	100	1.29	0.44
104	Musi	I	Yadadri	7.85	1941	1242	520	96	68	235	8	0	350	370	143	36	1.36	4.47
105	Musi	I	Yadadri	7.28	641	410	240	80	10	51	2	0	190	40	49	58	2.10	1.43
106	Musi	I	Yadadri	7.28	860	550	260	64	24	83	3	0	200	140	44	4	0.69	2.25
107	Musi	I	Yadadri	7.24	2254	1443	460	80	63	316	4	0	530	330	114	32	4.05	6.40
108	Musi	I	Yadadri	7.80	1004	643	360	120	15	69	1	0	90	180	79	93	1.80	1.58
109	Musi	I	Yadadri	8.00	699	447	220	40	29	68	2	0	190	60	79	9	1.41	1.99
110	Musi	I	Yadadri	7.91	563	360	140	32	15	76	1	0	220	30	37	6	0.93	2.79
111	Musi	I	Yadadri	7.27	1496	957	340	112	15	140	61	0	230	230	111	71	0.48	3.30
112	Musi	I	Yadadri	7.84	1592	1019	280	56	34	236	3	0	320	300	59	12	1.64	6.12
113	Musi	I	Yadadri	7.71	981	628	300	24	58	99	4	0	80	220	85	59	0.34	2.49
114	Musi	I	Yadadri	7.66	928	594	300	64	34	90	1	0	320	50	52	48	2.61	2.27
115	Musi	I	Yadadri	8.04	1433	917	180	64	5	249	15	0	260	250	108	6	0.44	8.05
116	Musi	I	Yadadri	6.85	1166	746	420	128	24	91	4	0	260	110	102	116	0.52	1.94
117	Musi	I	Yadadri	7.91	938	600	360	56	53	65	1	0	270	100	46	48	1.73	1.49
118	Musi	I	Yadadri	7.09	673	431	260	80	15	40	2	0	250	20	36	37	2.40	1.09
119	Musi	I	Yadadri	7.01	1125	720	340	72	39	104	3	0	370	80	61	36	1.49	2.46

120	Musi	I	Yadadri	8.10	1798	1151	600	48	117	152	1	0	240	350	100	96	1.43	2.70
121	Musi	I	Yadadri	7.56	1446	925	480	88	63	113	2	0	430	150	51	23	1.27	2.25
122	Musi	I	Yadadri	8.08	1767	1131	320	56	44	255	3	0	360	290	104	3	1.29	6.19
123	Musi	I	Yadadri	7.42	2820	1805	720	104	112	221	171	0	520	300	182	376	1.34	3.57
124	Musi	I	Yadadri	7.50	2957	1892	940	256	73	249	12	0	120	880	153	3	0.96	3.53
125	Musi	I	Yadadri	7.52	913	584	260	96	5	85	3	0	130	160	70	12	1.15	2.30
126	Musi	I	Yadadri	7.97	1891	1210	840	112	136	42	5	0	350	360	84	9	0.39	0.62
127	Musi	I	Yadadri	7.57	3950	2528	1140	280	107	391	5	0	20	1080	476	64	0.54	5.03
128	Musi	I	Yadadri	7.75	801	513	180	24	29	111	2	0	150	150	63	1	1.83	3.61
129	Musi	I	Yadadri	7.71	655	419	300	88	19	23	6	0	220	20	41	88	0.91	0.57
130	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.13	1767	1131	420	96	44	223	0.4	0	300	390	27	7	1.20	4.73
131	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.64	1201	769	400	96	39	95	6	0	160	150	93	191	0.85	2.07
132	Manjeera	II	Kamareddy	7.18	976	625	320	64	39	99	1	0	270	100	108	7	1.12	2.41

	(Nakkavagu is part of Manjeera)																
133	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.85	2260	1057	200	40	24	445	8	0	500	90	478	6	3.74	13.67
134	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.89	422	270	160	16	29	39	1	0	140	40	40	6	1.40	1.34
135	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.43	5904	3843	2079	336	301	362	5	0	190	1310	737	166	0.25	3.45
136	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.97	1062	680	340	40	58	95	1	0	170	230	29	16	0.64	2.25
137	Manjeera (Nakkav	II	Kamareddy	8.03	526	337	220	24	39	25	2	0	170	30	34	30	0.45	0.75

	agu is part of Manjeera)																
138	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.23	3306	2116	940	128	151	337	15	0	390	740	209	37	1.40	4.77
139	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.67	1004	643	320	48	49	86	1	0	320	50	90	24	1.18	2.09
140	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.79	604	387	240	48	29	37	2	0	240	20	42	9	0.76	1.04
141	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.40	2340	1204	460	64	73	339	4	0	440	260	355	4	1.06	6.88
142	Manjeera (Nakkavagu is	II	Kamareddy	7.27	888	504	340	72	39	57	2	0	340	50	36	17	0.97	1.34

	part of Manjeera)																
143	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.43	1404	899	420	72	58	145	4	0	410	110	82	100	1.02	3.08
144	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.29	1234	790	440	136	24	80	7	0	300	180	20	56	0.30	1.65
145	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.90	858	549	260	56	29	67	30	0	230	50	99	41	0.26	1.82
146	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	8.10	549	351	160	32	19	74	1	0	160	40	80	18	1.09	2.54
147	Manjeera (Nakkavagu is part of	II	Kamareddy	7.31	1325	848	420	104	39	110	6.6	0	270	190	121	16	0.73	2.33

	Manjeera)																
148	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.25	1614	1033	580	128	63	105	2.3	0	200	260	145	103	0.71	1.90
149	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.41	992	635	340	56	49	87	1	0	330	80	55	25	0.97	2.05
150	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	7.72	941	602	400	104	34	35	1	0	310	60	47	48	0.44	0.76
151	Manjeera (Nakkavagu is part of Manjeera)	II	Kamareddy	8.17	982	628	300	16	63	92	1	0	250	90	107	9	0.79	2.32
152	Manjeera (Nakkavagu is part of Manjeer	II	Kamareddy	7.44	962	616	240	64	19	116	7	0	170	130	98	44	0.88	3.25

	a)																
153	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.12	806	516	340	56	49	39	2	0	170	130	61	10	0.63	0.92
154	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.06	435	278	120	32	10	53	1	0	140	40	32	5	0.52	2.10
155	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.29	798	511	180	32	24	113	3	0	210	110	37	13	1.75	3.66
156	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.24	615	394	160	24	24	72	2	0	170	70	41	9	0.81	2.48
157	Manjeera (Nakkavagu is part of Manjeer	II	Medak	7.69	630	403	200	56	15	52	3.0	0	120	80	52	31	0.91	1.60

	a)																
158	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.63	902	577	300	24	58	73	4	0	220	110	64	34	0.26	1.83
159	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.88	784	502	260	40	39	78	4	0	250	90	43	17	0.42	2.10
160	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.26	2021	1293	580	128	63	236	0.1	0	350	400	118	66	0.75	4.26
161	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.86	941	602	400	120	24	64	2	0	340	60	91	22	0.84	1.39
162	Manjeera (Nakkavagu is part of Manjeer	II	Medak	6.53	1170	749	400	64	58	99	2	0	130	230	72	117	0.48	2.14

	a)																
163	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.06	788	504	240	48	29	79	2	0	140	150	56	3	0.42	2.22
164	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.22	856	548	320	40	53	57	2	0	210	50	143	24	0.51	1.39
165	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.32	815	522	260	40	39	79	1	0	180	110	74	22	1.14	2.13
166	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.27	2196	1405	460	72	68	316	2	0	120	470	160	270	0.61	6.41
167	Manjeera (Nakkavagu is part of Manjeer	II	Medak	7.65	2598	1663	860	192	92	219	4	0	100	510	157	385	0.43	3.25

	a)																
168	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.41	1895	1213	560	104	73	159	10	0	220	290	135	198	0.39	2.92
169	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.91	553	354	180	40	19	46	4	0	170	50	34	7	0.31	1.49
170	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.15	468	300	220	48	24	28	2	0	200	30	29	6	0.50	0.82
171	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.04	770	493	300	96	15	48	1	0	230	70	44	27	1.29	1.20
172	Manjeera (Nakkavagu is part of Manjeer	II	Medak	6.82	1879	1203	600	152	53	153	2	0	220	380	101	111	0.41	2.72

	a)																
173	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.79	1126	721	300	88	19	116	2	0	130	200	66	92	0.96	2.91
174	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	7.85	1001	641	400	64	58	76	4	0	160	150	80	149	0.51	1.65
175	Manjeera (Nakkavagu is part of Manjeera)	II	Medak	8.18	399	255	140	32	15	30	1	0	120	30	34	6	0.57	1.10
176	Manjeera (Nakkavagu is part of Manjeera)	II	Nizamabad	6.71	1633	1045	440	152	15	167	5	0	380	190	102	59	0.70	3.47
177	Manjeera (Nakkavagu is part of Manjeer	II	Nizamabad	6.98	1234	790	400	120	24	112	11	0	200	220	100	46	1.62	2.43

	a)																
178	Manjeera (Nakkavagu is part of Manjeera)	II	Nizamabad	6.68	873	559	340	80	34	42	2	0	220	90	55	29	0.64	0.99
179	Manjeera (Nakkavagu is part of Manjeera)	II	Nizamabad	6.43	2450	1568	680	208	39	245	17	0	370	360	170	219	0.45	4.08
180	Manjeera (Nakkavagu is part of Manjeera)	II	Nizamabad	7.24	1064	681	440	80	58	45	1	0	410	50	34	14	0.76	0.93
181	Manjeera (Nakkavagu is part of Manjeera)	II	Nizamabad	7.56	872	558	260	40	39	85	2	0	330	40	43	15	0.86	2.29
182	Manjeera (Nakkavagu is part of Manjeer	II	Sangareddy	7.12	1157	740	340	40	58	182	0.1	0	310	120	27	79	1.05	4.29

	a)																
183	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	7.75	1436	919	420	80	53	62	2	0	120	140	20	157	0.54	1.32
184	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.37	453	290	120	24	15	52	12	10	140	50	21	3	0.96	2.06
185	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.34	447	286	200	64	10	15	3	10	120	30	26	44	0.37	0.46
186	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.24	1002	641	280	48	39	103	1	0	170	210	22	14	1.00	2.68
187	Manjeera (Nakkavagu is part of Manjeer	II	Sangareddy	8.10	1311	839	500	48	92	101	1	0	270	260	47	25	0.46	1.96

	a)																
188	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.19	1222	782	360	56	53	110	1	0	190	250	14	31	0.54	2.52
189	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	7.88	1804	1155	360	96	29	253	11	0	200	360	51	179	1.72	5.80
190	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	6.58	225	144	120	32	10	11	1	0	100	20	4	18	0.17	0.44
191	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.26	1100	704	140	32	15	195	1	0	180	230	38	2	2.52	7.17
192	Manjeera (Nakkavagu is part of Manjeer	II	Sangareddy	6.77	466	298	180	40	19	48	2	0	230	30	11	0.1	1.54	1.56

	a)																
193	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	8.23	368	236	120	24	15	27	2	0	110	30	11	21	0.79	1.07
194	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	7.93	570	365	340	64	44	17	2	0	330	20	9	7	0.63	0.40
195	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	7.99	429	275	200	56	15	25	2	0	210	20	10	4	0.62	0.77
196	Manjeera (Nakkavagu is part of Manjeera)	II	Sangareddy	6.89	1375	880	540	128	53	93	2	0	460	190	17	0.1	0.99	1.74
197	Manjeera (Nakkavagu is part of Manjeer	II	Sangareddy	7.56	282	180	140	32	15	15	0.3	0	150	10	6	1	0.29	0.55

	a)																
198	Manjeera (Nakkavagu is part of Manjeera)	II	Siddipet	8.02	642	411	200	24	34	42	1	0	220	30	8	14	2.36	1.29
199	Manjeera (Nakkavagu is part of Manjeera)	II	Siddipet	7.41	544	348	180	24	29	49	9	0	250	30	6	4	0.43	1.58
200	Manjeera (Nakkavagu is part of Manjeera)	II	Vikarabad	7.08	706	452	200	40	24	58	1	0	240	40	8	22	0.38	1.77
201	Manjeera (Nakkavagu is part of Manjeera)	II	Vikarabad	7.19	892	571	320	40	53	37	1	0	230	110	12	1	0.22	0.90
202	Manjeera (Nakkavagu is part of Manjeer	II	Vikarabad	6.97	881	564	340	48	53	40	0.2	0	260	80	12	47	0.50	0.94

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203	Maner	III	Bhupalpally	7.63	981	628	340	32	63	75	3	0	270	130	30	16	0.64	1.769
204	Maner	III	Bhupalpally	7.69	912	584	300	24	58	79	4	0	270	110	32	15	0.51	1.983
205	Maner	III	Bhupalpally	7.69	1188	760	380	40	68	102	3	0	330	130	36	55	0.93	2.275
206	Maner	III	Bhupalpally	7.81	1220	781	420	48	73	101	4	0	310	160	39	58	0.9	2.143
207	Maner	III	Bhupalpally	7.89	941	602	320	40	53	79	3	0	280	110	29	28	0.64	1.92
208	Maner	III	Bhupalpally	8.04	1253	802	460	48	83	87	4	0	320	170	46	33	0.78	1.764
209	Maner	III	Bhupalpally	8.09	2295	1469	780	88	136	194	9	0	510	330	78	136	0.53	3.021
210	Maner	III	Bhupalpally	8.17	2095	1341	740	88	126	176	8	0	460	280	71	193	0.57	2.813
211	Maner	III	Bhupalpally	7.61	932	596	300	32	53	71	2	0	200	120	30	65	0.76	1.783
212	Maner	III	Bhupalpally	7.97	1007	644	400	72	53	64	4	0	130	180	33	59	0.42	1.391
213	Maner	III	Bhupalpally	7.66	1385	886	460	48	83	114	4	0	360	190	39	36	0.13	2.311
214	Maner	III	Bhupalpally	8.11	1278	818	500	56	88	76	6	0	310	180	42	60	0.66	1.478
215	Maner	III	Bhupalpally	7.77	806	516	280	56	34	75	12	0	150	110	32	11	0.37	1.949
216	Maner	III	Bhupalpally	7.89	1485	950	240	48	29	221	5	0	150	140	89	8	0.57	6.203
217	Maner	III	Bhupalpally	7.72	1071	685	380	48	63	77	4	0	310	110	33	60	0.82	1.718
218	Maner	III	Bhupalpally	7.57	1648	1055	580	64	102	126	5	0	390	190	47	162	0.76	2.275
219	Maner	III	Bhupalpally	7.94	2204	1411	720	64	136	206	8	0	480	330	74	141	0.55	3.338

220	Maner	III	Jagityal	8.11	798	511	300	16	63	49	1	0	270	80	9	9	1.19	1.23
221	Maner	III	Jangaon	7.72	610	390	220	48	24	59	2	0	200	40	53	41	0.24	1.73
222	Maner	III	Jangaon	8.09	1556	996	320	48	49	201	17	0	230	280	35	128	0.63	4.886
223	Maner	III	Kamareddy	7.61	586	375	200	48	19	49	1	0	240	20	22	24	1.52	1.52
224	Maner	III	Kamareddy	7.40	1483	949	480	80	68	115	12	0	310	190	102	80	0.62	2.29
225	Maner	III	Kamareddy	7.30	944	604	400	96	39	29	1	0	250	100	51	31	0.61	0.62
226	Maner	III	Kamareddy	7.41	1126	721	420	80	53	64	6	0	210	180	66	36	0.45	1.36
227	Maner	III	Kamareddy	7.49	336	215	160	40	15	10	2	0	130	20	22	0.3	0.44	0.34
228	Maner	III	Kamareddy	7.35	895	573	340	88	29	43	2	0	200	100	70	31	0.32	1.01
229	Maner	III	Kamareddy	7.61	738	472	320	80	29	32	2	0	160	100	53	31	1.91	0.79
230	Maner	III	Kamareddy	7.34	922	590	360	96	29	49	1	0	200	60	167	20	0.65	1.13
231	Maner	III	Kamareddy	7.67	582	372	220	48	24	37	2	0	150	70	33	16	0.69	1.09
232	Maner	III	Karimnagar	7.93	938	600	320	56	44	85	4	0	210	110	35	119	0.57	2.066
233	Maner	III	Karimnagar	8.05	365	234	120	24	15	32	1	0	120	40	11	2	0.18	1.27
234	Maner	III	Karimnagar	7.9	820	525	280	48	39	77	4	0	230	100	31	49	0.56	2.001
235	Maner	III	Karimnagar	8.32	732	468	220	40	29	68	3	30	120	80	26	93	0.38	1.994
236	Maner	III	Karimnagar	7.93	685	438	180	32	24	60	2	0	120	70	21	83	0.58	1.945
237	Maner	III	Karimnagar	8.31	1165	746	360	64	49	111	5	30	300	130	39	46	0.86	2.544

238	Maner	III	Karimnagar	8.23	321	205	100	16	15	30	1	0	90	40	10	7	0.29	1.305
239	Maner	III	Karimnagar	8.34	999	639	280	56	34	91	5	30	240	110	35	14	0.42	2.365
240	Maner	III	Karimnagar	8.13	391	250	100	16	15	34	1	0	100	40	11	7	0.64	1.478
241	Maner	III	Karimnagar	8.26	366	234	120	24	15	30	1	0	100	40	11	18	0.36	1.191
242	Maner	III	Karimnagar	7.75	810	518	260	48	34	72	4	0	210	100	30	38	0.34	1.942
243	Maner	III	Karimnagar	7.98	603	386	180	32	24	58	3	0	180	70	22	3	0.44	1.88
244	Maner	III	Karimnagar	8.24	400	256	120	24	15	37	1	0	120	40	16	5	0.56	1.469
245	Maner	III	Karimnagar	8.22	302	193	100	16	15	26	1	0	80	40	10	9	0.51	1.131
246	Maner	III	Karimnagar	8.33	1674	1071	460	72	68	167	8	30	440	200	51	2	0.96	3.386
247	Maner	III	Medak	6.65	885	566	380	104	29	32	3	0	290	50	56	44	0.87	0.71
248	Maner	III	Peddapally	8.15	545	349	160	32	19	48	2	0	160	50	20	11	0.74	1.65
249	Maner	III	Peddapally	8.32	1261	807	360	64	49	116	6	30	300	160	39	4	1.71	2.658
250	Maner	III	Peddapally	7.79	770	493	200	32	29	70	3	0	190	80	27	23	0.44	2.152
251	Maner	III	Peddapally	7.81	737	472	200	32	29	72	3	0	170	70	25	74	0.18	2.214
252	Maner	III	Peddapally	8.05	1234	790	360	64	49	118	6	0	320	150	37	42	0.96	2.704
253	Maner	III	Siddipet	7.11	706	452	180	32	24	64	2	0	200	60	15	20	0.96	2.07
254	Maner	III	Siddipet	7.62	3810	2438	1000	40	219	418	9	0	410	870	86	127	2.49	5.75
255	Maner	III	Siddipet	7.21	1164	745	320	48	49	123	4	0	330	150	11	46	1.17	2.99

256	Maner	III	Siddipet	7.35	752	481	260	64	24	20	75	0	240	60	12	69	0.12	0.54
257	Maner	III	Siddipet	7.70	460	294	120	24	15	54	7	0	130	70	12	2	0.31	2.14
258	Maner	III	Siddipet	7.05	1721	1101	460	56	78	172	5	0	420	160	18	205	1.46	3.49
259	Maner	III	Siddipet	7.74	1153	738	380	80	44	94	7	0	360	120	20	47	0.71	2.10
260	Maner	III	Siddipet	7.14	912	584	320	96	19	49	3	0	180	150	15	36	0.42	1.19
261	Maner	III	Siddipet	7.15	740	474	260	48	34	47	3	0	160	120	30	8	0.81	1.27
262	Maner	III	Siddipet	7.75	1942	1243	520	40	102	207	0.1	0	170	370	49	254	1.28	3.95
263	Maner	III	Siddipet	7.56	429	275	160	32	19	19	6	0	120	50	14	6	0.55	0.65
264	Maner	III	Siddipet	7.41	778	498	200	48	19	81	2.0	0	260	30	10	80	0.78	2.49
265	Maner	III	Siddipet	7.51	768	492	300	96	15	55	2	0	210	130	21	3	0.50	1.37
266	Maner	III	Siddipet	8.02	646	413	160	32	19	68	2	0	150	90	12	25	1.07	2.34
267	Maner	III	Siddipet	7.37	669	428	200	32	29	38	4	0	160	20	13	97	1.19	1.17
268	Maner	III	Siddipet	7.48	1157	740	380	80	44	69	2	0	150	230	11	47	0.52	1.54
269	Maner	III	Siddipet	8.04	568	364	240	80	10	28	1	0	230	30	9	18	2.25	0.79
270	Maner	III	Siddipet	7.18	115	74	40	8	5	2	9	0	30	10	3	9	0.12	0.14
271	Maner	III	Siddipet	8.09	662	424	200	32	29	62	1	0	170	100	12	10	0.65	1.91
272	Maner	III	Siddipet	7.42	1206	772	280	48	39	125	4	0	140	190	32	136	0.47	3.25
273	Maner	III	Siddipet	7.84	1402	897	260	24	49	183	32	0	320	160	22	143	1.05	4.94

274	Maner	III	Siddipet	7.38	964	617	220	48	24	65	46	0	230	120	16	8	0.57	1.91
275	Maner	III	Siddipet	7.76	789	505	200	32	29	52	2	0	190	70	12	8	0.78	1.60
276	Maner	III	Siddipet	7.56	464	297	160	56	5	26	3	0	70	50	13	78	0.41	0.89
277	Maner	III	Siddipet	7.23	638	408	220	48	24	32	12	0	180	80	9	8	0.41	0.94
278	Maner	III	Siddipet	7.35	474	303	160	56	5	29	7	0	150	40	6	12	0.81	1.00
279	Maner	III	Siddipet	7.30	571	365	220	72	10	20	11	0	200	40	13	3	0.27	0.59
280	Maner	III	Siddipet	7.18	682	436	280	56	34	33	2	0	270	20	13	42	0.64	0.86
281	Maner	III	Siddipet	7.19	682	436	240	80	10	20	21	0	200	60	2	28	0.36	0.56
282	Maner	III	Siddipet	7.71	987	632	360	88	34	52	1	0	300	100	17	9	0.43	1.20
283	Maner	III	Siddipet	7.73	429	275	160	32	19	34	2	0	170	30	15	4	0.42	1.17
284	Maner	III	Siddipet	7.23	795	509	280	72	24	55	1	0	290	50	14	28	1.17	1.43
285	Maner	III	Siddipet	7.44	339	217	140	24	19	14	1	0	120	20	9	13	0.41	0.51
286	Maner	III	Siddipet	7.61	815	522	240	72	15	75	2	0	150	110	27	94	0.21	2.10
287	Maner	III	Siddipet	7.66	563	360	160	48	10	61	1	0	220	30	15	20	1.48	2.10
288	Maner	III	Siddipet	7.16	1116	714	360	64	49	78	1	0	350	90	11	50	1.49	1.79
289	Maner	III	Sircilla	7.27	1346	861	460	104	49	188	6	0	470	210	18	93	1.7	3.811
290	Maner	III	Sircilla	7.35	1134	726	260	80	15	156	45	0	380	120	5	113	2.83	4.207
291	Maner	III	Sircilla	7.69	1040	666	460	72	68	135	8	0	470	130	19	94	0.97	2.737

292	Maner	III	Sircilla	7.19	730	467	200	32	29	78	14	0	240	70	7	46	1.09	2.398
293	Maner	III	Sircilla	7.1	310	198	80	16	10	31	2	0	130	10	4	2	0.32	1.507
294	Maner	III	Sircilla	7.26	894	572	380	80	44	52	8	0	340	80	10	38	1.33	1.16
295	Maner	III	Sircilla	7.46	862	552	300	64	34	45	5	0	200	110	8	45	0.65	1.13
296	Maner	III	Sircilla	7.42	1780	1139	700	96	112	155	8	0	450	330	21	118	2.32	2.547
297	Maner	III	Sircilla	7.22	1128	722	460	128	34	105	8	0	380	150	13	104	0.94	2.129
298	Maner	III	Sircilla	7.33	957	612	340	64	44	104	5	0	390	90	14	43	1.19	2.453
299	Maner	III	Sircilla	7.52	682	436	220	40	29	40	2	0	210	60	6	8	0.86	1.173
300	Maner	III	Sircilla	7.38	727	465	300	64	34	44	2	0	270	50	10	53	0.75	1.105
301	Maner	III	Sircilla	7.49	1995	1277	540	72	88	252	6	0	420	320	29	213	1.07	4.716
302	Maner	III	Sircilla	7.31	1058	677	360	80	39	92	8	0	310	170	10	3	1.43	2.108
303	Maner	III	Sircilla	7.45	1372	878	520	80	78	95	5	0	370	230	11	19	0.86	1.812
304	Maner	III	Sircilla	7.44	1050	672	520	64	88	75	2	0	430	130	23	52	0.94	1.43
305	Maner	III	Sircilla	7.1	1031	660	300	48	44	108	14	0	380	100	16	13	0.84	2.711
306	Maner	III	Sircilla	7.41	834	534	340	72	39	45	4	0	320	60	15	23	1.1	1.061
307	Maner	III	Sircilla	7.4	1108	709	420	88	49	100	12	0	390	120	17	85	0.92	2.122
308	Maner	III	Sircilla	7.16	1018	652	420	56	68	95	21	0	340	180	15	49	0.75	2.016
309	Maner	III	Sircilla	7.3	1468	940	560	112	68	110	5	0	270	300	27	95	0.53	2.021

310	Maner	III	Sircilla	7.15	845	541	440	128	29	40	8	0	280	130	21	58	0.75	0.829
311	Maner	III	Sircilla	7.14	1483	949	740	72	136	90	15	0	490	170	18	243	2.97	1.439
312	Maner	III	Warangal (R)	8.46	1592	1019	420	64	63	159	10	50	360	190	47	33	1.64	3.374
313	Maner	III	Warangal (R)	8.42	1052	673	340	56	49	98	5	40	200	140	37	86	0.93	2.311
314	Maner	III	Warangal (R)	8.16	1105	707	360	40	63	101	4	0	280	160	34	41	0.38	2.31
315	Maner	III	Warangal (R)	7.94	1049	670	360	48	58	86	5	0	310	110	25	58	1.99	1.97
316	Maner	III	Warangal (R)	8.04	929	595	280	48	39	84	4	0	190	130	32	63	0.27	2.183
317	Maner	III	Warangal (R)	8.28	877	561	260	48	34	82	4	0	160	100	31	125	0.49	2.211
318	Maner	III	Warangal (R)	8.27	407	260	120	24	15	35	1	0	120	40	12	4	0.98	1.389
319	Maner	III	Warangal (U)	8.17	1476	945	400	64	58	144	7	0	320	200	49	58	1.28	3.131
320	Maner	III	Warangal (U)	8.19	620	397	180	40	19	59	2	0	140	70	21	55	0.82	1.912
321	Maner	III	Warangal (U)	8.22	1011	647	300	56	39	96	5	0	180	150	35	90	0.6	2.41
322	Maner	III	Warangal (U)	8.31	743	476	200	32	29	72	3	30	180	80	24	1	1.91	2.214
323	Maner	III	Warangal (U)	8.49	1099	703	320	56	44	106	5	50	240	140	37	1	7.01	2.577
324	Maner	III	Warangal (U)	8.11	588	376	160	40	15	51	2	0	130	60	22	33	1.56	1.753
325	Maner	III	Warangal (U)	8.33	1324	847	380	64	53	132	6	30	240	170	44	118	1.91	2.944
326	Maner	III	Warangal (U)	8.18	1032	660	300	56	39	100	5	0	230	150	35	43	0.2	2.51
327	Maner	III	Warangal (U)	8.38	2047	1310	520	80	78	221	8	40	410	320	66	7	0.68	4.214

328	Maner	III	Warangal (U)	7.77	696	445	220	24	39	46	2	0	190	50	16	51	0.81	1.35
329	Godavari	IV	Adilabad	7.54	594	380	140	32	15	46	5	0	130	70	16	0.2	0.14	1.69
330	Godavari	IV	Adilabad	7.32	954	611	140	32	15	71	5	0	150	50	18	73	0.43	2.61
331	Godavari	IV	Adilabad	7.38	1156	740	400	88	44	78	2	0	220	150	32	109	0.31	1.70
332	Godavari	IV	Adilabad	7.62	765	490	200	24	34	84	6	0	190	110	21	22	0.31	2.58
333	Godavari	IV	Adilabad	7.42	515	330	160	24	24	36	1	0	160	40	8	13	1.37	1.24
334	Godavari	IV	Bhadradri	7.75	832	532	280	24	53	71	4	0	320	60	13	18	1.01	1.85
335	Godavari	IV	Bhadradri	7.18	1649	1055	540	48	102	148	2	0	150	300	205	112	0.17	2.77
336	Godavari	IV	Bhadradri	7.68	617	395	220	24	39	53	2	0	300	20	2	2	1.11	1.55
337	Godavari	IV	Bhadradri	8.08	1422	910	280	16	58	199	8	0	400	150	34	82	0.51	5.17
338	Godavari	IV	Bhadradri	8.22	2675	1712	860	8	204	232	16	0	430	360	105	409	0.69	3.44
339	Godavari	IV	Bhadradri	7.02	1819	1164	720	144	88	87	4.5	0	80	500	90	36	0.86	1.41
340	Godavari	IV	Bhadradri	7.66	1582	1012	280	8	63	238	5	0	420	210	24	63	0.89	6.19
341	Godavari	IV	Bhadradri	7.89	358	229	140	24	19	25	3	0	140	30	7	5	0.71	0.92
342	Godavari	IV	Bhadradri	7.51	521	333	200	40	24	26	6	0	190	30	12	20	0.62	0.80
343	Godavari	IV	Bhadradri	7.18	2694	1724	900	88	165	177	12	0	200	380	260	394	0.15	2.57
344	Godavari	IV	Bhadradri	7.53	393	252	140	24	19	24	3	0	140	30	7	5	0.24	0.89
345	Godavari	IV	Bhadradri	7.69	851	545	180	32	24	88	48	0	150	130	24	83	0.16	2.85

346	Godavari	IV	Bhadradri	7.41	1973	1263	340	32	63	308	4	0	280	160	480	45	0.47	7.26
347	Godavari	IV	Bhadradri	7.10	816	522	320	104	15	34	16	0	210	100	14	50	0.35	0.82
348	Godavari	IV	Bhadradri	7.71	797	510	240	32	39	65	2	0	190	80	20	68	0.31	1.82
349	Godavari	IV	Bhadradri	7.80	1084	694	300	24	58	109	30	0	300	130	18	84	0.50	2.73
350	Godavari	IV	Bhadradri	7.59	1113	712	260	56	29	79	75	0	130	130	160	69	0.43	2.13
351	Godavari	IV	Bhadradri	7.16	2182	1396	740	80	131	155	6	0	280	340	185	185	0.28	2.48
352	Godavari	IV	Bhupalpally	7.88	897	574	300	32	53	77	3	0	280	100	30	16	0.47	1.933
353	Godavari	IV	Bhupalpally	7.23	237	152	40	16	0	37	4	0	40	20	13	5	0.05	2.544
354	Godavari	IV	Bhupalpally	8.21	692	443	220	32	34	59	10	0	100	110	17	27	0.6	1.73
355	Godavari	IV	Bhupalpally	8.11	2396	1533	800	96	136	197	6	0	540	340	81	119	0.56	3.029
356	Godavari	IV	Bhupalpally	8.1	2104	1347	720	72	131	189	11	0	470	310	74	139	0.56	3.063
357	Godavari	IV	Bhupalpally	8.14	2400	1536	840	88	151	193	17	0	530	340	86	151	0.55	2.896
358	Godavari	IV	Bhupalpally	7.89	637	408	220	16	44	38	2	0	180	60	20	20	0.13	1.114
359	Godavari	IV	Bhupalpally	8.01	1362	872	480	48	88	104	5	0	340	190	40	48	1.55	2.064
360	Godavari	IV	Bhupalpally	7.64	537	344	220	24	39	35	3	0	190	50	18	19	0.14	1.026
361	Godavari	IV	Bhupalpally	7.73	960	614	300	32	53	76	4	0	270	100	28	28	0.7	1.908
362	Godavari	IV	Bhupalpally	8.09	127	81	60	16	5	17	2	0	20	10	15	2	0.15	0.954
363	Godavari	IV	Bhupalpally	7.06	1849	1183	260	32	44	301	5	0	160	200	100	33	0.12	8.117

364	Godavari	IV	Bhupalpally	7.87	944	604	320	32	58	76	4	0	290	110	31	6	0.37	1.847
365	Godavari	IV	Bhupalpally	7.91	1014	649	380	48	63	72	3	0	210	170	33	53	0.44	1.606
366	Godavari	IV	Bhupalpally	8.06	977	625	340	40	58	77	4	0	240	130	33	58	0.43	1.816
367	Godavari	IV	Bhupalpally	7.99	536	343	200	40	24	57	11	0	110	60	29	24	0.23	1.753
368	Godavari	IV	Bhupalpally	7.58	693	444	200	40	24	52	4	0	120	70	21	13	0.12	1.599
369	Godavari	IV	Jagityal	8.28	396	253	140	24	19	22	2	0	110	50	6	0.4	0.52	0.809
370	Godavari	IV	Jagityal	8.15	1848	1183	220	32	34	256	15	0	270	300	55	30	0.46	7.505
371	Godavari	IV	Jagityal	8.28	685	438	180	32	24	62	4	0	150	80	19	38	0.35	2.009
372	Godavari	IV	Jagityal	8.23	776	497	240	40	34	49	2	0	140	80	19	87	0.84	1.375
373	Godavari	IV	Jagityal	8.26	336	215	80	24	5	51	3	0	110	50	10	0.2	0.11	2.479
374	Godavari	IV	Jagityal	8.09	843	540	240	32	39	72	1	0	110	110	19	136	0.15	2.021
375	Godavari	IV	Jagityal	8.15	997	638	200	40	24	89	4	0	120	110	31	111	0.57	2.736
376	Godavari	IV	Jagityal	8.06	1429	915	340	24	68	185	2	0	350	220	38	9	1.69	4.363
377	Godavari	IV	Jagityal	8.2	629	403	160	32	19	82	3	0	170	80	27	33	1.2	2.819
378	Godavari	IV	Jagityal	8.24	502	321	140	32	15	54	1	0	130	70	20	8	0.3	1.984
379	Godavari	IV	Jagityal	8.1	705	451	180	24	29	78	4	0	70	130	27	84	0.83	2.528
380	Godavari	IV	Jagityal	8.32	749	479	200	32	29	81	5	20	130	110	29	55	0.54	2.491
381	Godavari	IV	Jagityal	8.24	1393	892	400	48	68	113	3	0	150	260	66	56	0.34	2.457

382	Godavari	IV	Jagityal	8.19	1589	1017	200	16	39	336	11	0	430	180	40	211	0.34	10.33
383	Godavari	IV	Jagityal	8.32	1284	822	280	8	63	92	2	30	230	110	21	46	2.47	2.391
384	Godavari	IV	Jagityal	8.05	1230	787	240	24	44	110	5	0	160	170	34	57	0.66	3.088
385	Godavari	IV	Jagityal	8.23	635	406	160	16	29	61	1	0	170	60	20	14	1.15	2.097
386	Godavari	IV	Jagityal	8.18	929	595	200	24	34	71	3	0	130	110	23	57	0.68	2.183
387	Godavari	IV	Jagityal	8.14	871	557	180	32	24	116	8	0	190	100	38	82	0.82	3.76
388	Godavari	IV	Jagityal	8.24	989	633	220	24	39	112	4	0	180	130	33	83	0.84	3.284
389	Godavari	IV	Jagityal	8.64	829	531	160	16	29	105	7	60	70	110	54	57	2.17	3.61
390	Godavari	IV	Jagityal	8.22	939	601	280	24	53	95	1	0	180	120	17	131	2.23	2.469
391	Godavari	IV	Jagityal	8.16	629	403	180	16	34	58	2	0	170	70	24	13	0.77	1.88
392	Godavari	IV	Jagityal	8.26	518	332	120	24	15	65	4	0	190	40	10	5	1.02	2.58
393	Godavari	IV	Jagityal	8.13	866	554	280	8	63	72	1	0	350	40	14	10	1.21	1.871
394	Godavari	IV	Jagityal	8.21	2100	1344	520	16	117	251	25	0	300	330	196	98	0.69	4.787
395	Godavari	IV	Jagityal	8.08	772	494	120	16	19	102	9	0	150	100	41	21	0.35	4.049
396	Godavari	IV	Jagityal	8.16	1438	920	320	16	68	188	2	0	330	200	92	0.4	1.9	4.57
397	Godavari	IV	Kamareddy	7.57	632	404	260	64	24	30	2	0	200	30	43	43	1.32	0.80
398	Godavari	IV	Karimnagar	8.28	898	575	280	48	39	82	4	0	250	110	33	15	1.17	2.131
399	Godavari	IV	Mahabubabad	7.34	153	98	60	8	10	10	1	0	30	20	6	13	0.13	0.56

400	Godavari	IV	Mancherial	7.77	1134	726	360	48	58	103	3	0	310	310	36	310	0.22	2.361
401	Godavari	IV	Mancherial	7.82	475	304	160	16	29	39	2	0	160	160	9	160	0.23	1.341
402	Godavari	IV	Mancherial	7.6	1129	723	360	48	58	98	4	0	340	340	37	340	1.03	2.246
403	Godavari	IV	Mancherial	7.94	1203	770	400	56	63	103	3	0	360	360	38	360	0.56	2.239
404	Godavari	IV	Mancherial	7.72	1134	726	380	48	63	101	4	0	350	350	36	350	0.39	2.253
405	Godavari	IV	Mancherial	8.09	4406	2820	1580	224	248	364	22	0	810	810	130	810	0.31	3.982
406	Godavari	IV	Mancherial	7.68	444	284	140	16	24	43	2	0	130	130	14	130	0.3	1.58
407	Godavari	IV	Mancherial	8.11	5887	3768	2199	256	379	434	12	0	1240	1240	161	1240	13.7	4.024
408	Godavari	IV	Mancherial	8.22	1370	877	460	48	83	114	4	0	390	390	42	390	1.97	2.311
409	Godavari	IV	Mancherial	7.81	584	374	200	24	34	44	5	0	160	160	19	160	0.53	1.353
410	Godavari	IV	Mancherial	7.92	1635	1046	540	64	92	142	2	0	470	470	54	470	0.34	2.657
411	Godavari	IV	Mancherial	7.67	1654	1059	560	72	92	134	8	0	480	480	46	480	1.12	2.462
412	Godavari	IV	Nirmal	7.6	483	309	160	16	29	44	1	0	170	30	74	21	0.89	1.513
413	Godavari	IV	Nirmal	7.94	1525	976	360	24	73	144	4	0	350	110	355	50	1.64	3.3
414	Godavari	IV	Nirmal	8.12	686	439	300	24	58	41	2	0	190	20	252	114	0.42	1.029
415	Godavari	IV	Nirmal	8.09	724	463	360	40	63	24	1	0	250	60	58	57	0.62	0.55
416	Godavari	IV	Nirmal	7.99	1024	655	400	24	83	49	12	0	130	200	198	57	1.01	1.065
417	Godavari	IV	Nirmal	8.12	1127	721	360	24	73	95	3	0	240	150	288	41	0.41	2.177

418	Godavari	IV	Nirmal	7.94	421	269	240	24	44	35	8	0	200	50	101	13	0.31	0.982
419	Godavari	IV	Nirmal	8.13	668	428	300	16	63	38	1	0	250	70	101	7	0.64	0.954
420	Godavari	IV	Nirmal	7.93	555	355	340	48	53	32	2	0	70	170	89	84	0.49	0.755
421	Godavari	IV	Nirmal	8.15	1106	708	260	40	39	143	9	0	200	180	210	77	0.26	3.856
422	Godavari	IV	Nirmal	7.99	1017	651	400	32	78	78	2	0	260	140	269	35	1.2	1.696
423	Godavari	IV	Nirmal	8.3	1142	731	300	16	63	141	1	10	190	200	324	26	1.89	3.54
424	Godavari	IV	Nirmal	7.94	474	303	220	24	39	34	3	0	170	70	41	14	0.27	0.997
425	Godavari	IV	Nirmal	8.31	312	200	200	16	39	19	2	20	90	40	88	61	0.61	0.584
426	Godavari	IV	Nirmal	7.05	554	355	160	24	24	71	1	0	180	60	47	34	1.8	2.441
427	Godavari	IV	Nirmal	8.32	769	492	340	40	58	55	2	10	200	60	44	165	2.05	1.297
428	Godavari	IV	Nirmal	7.99	604	387	280	24	58	33	2	0	100	90	121	99	0.47	0.858
429	Godavari	IV	Nizamabad	7.12	1157	740	340	48	53	110	2	0	300	120	62	48	0.87	2.60
430	Godavari	IV	Nizamabad	7.75	1436	919	200	32	29	118	220	0	390	140	81	57	0.46	3.63
431	Godavari	IV	Nizamabad	6.97	1332	852	520	80	78	69	4	0	350	150	71	34	0.98	1.32
432	Godavari	IV	Nizamabad	6.50	1062	680	320	80	29	96	2	0	290	100	55	50	0.47	2.33
433	Godavari	IV	Nizamabad	7.10	888	568	340	56	49	52	3	0	330	40	36	38	0.73	1.23
434	Godavari	IV	Nizamabad	6.83	1177	753	400	104	34	88	3	0	330	100	92	18	0.85	1.92
435	Godavari	IV	Nizamabad	6.45	632	404	260	64	24	34	2	0	240	30	39	16	0.55	0.93

436	Godavari	IV	Nizamabad	6.97	793	508	260	32	44	65	2	0	300	20	40	34	1.84	1.75
437	Godavari	IV	Nizamabad	6.73	1265	810	440	112	39	90	5	0	350	120	72	55	0.72	1.87
438	Godavari	IV	Nizamabad	7.32	371	237	120	32	10	30	2	0	90	20	28	43	0.62	1.19
439	Godavari	IV	Nizamabad	6.83	1058	677	360	128	10	70	1	0	180	150	73	55	0.49	1.61
440	Godavari	IV	Nizamabad	7.08	911	583	320	88	24	67	2	0	180	130	62	37	0.56	1.62
441	Godavari	IV	Nizamabad	7.15	499	319	180	48	15	32	4	0	140	40	45	7	0.23	1.03
442	Godavari	IV	Nizamabad	6.78	1022	654	360	88	34	70	3	0	380	50	48	6	1.16	1.60
443	Godavari	IV	Nizamabad	6.48	899	575	300	72	29	70	2	0	330	60	31	1	1.31	1.75
444	Godavari	IV	Nizamabad	8.32	1333	853	200	24	34	135	148	10	310	150	87	57	0.47	4.15
445	Godavari	IV	Nizamabad	7.66	962	616	260	56	29	101	1	0	70	190	123	15	0.29	2.71
446	Godavari	IV	Nizamabad	6.77	649	415	260	64	24	32	2	0	260	10	40	12	1.67	0.85
447	Godavari	IV	Peddapally	8.11	2666	1706	700	112	102	312	10	0	380	580	74	74	0.94	5.128
448	Godavari	IV	Peddapally	8.3	1069	684	320	56	44	106	5	30	290	130	36	2	1.2	2.577
449	Godavari	IV	Peddapally	8.17	624	399	200	32	29	60	2	0	210	60	23	13	0.71	1.845
450	Godavari	IV	Peddapally	8.18	1068	684	300	56	39	95	5	0	260	140	37	3	0.83	2.385
451	Godavari	IV	Peddapally	8.16	624	399	200	32	29	56	2	0	200	60	24	12	0.44	1.722
452	Godavari	IV	Peddapally	8.19	629	403	200	32	29	54	2	0	200	60	24	4	0.21	1.66
453	Godavari	IV	Peddapally	8.2	637	408	200	32	29	62	3	0	200	60	22	31	1.71	1.906

454	Godavari	IV	Mulugu	8.12	777	497	240	48	29	74	5	0	120	100	31	7	0.92	2.077
455	Godavari	IV	Mulugu	7.98	797	510	220	40	29	88	2	0	100	90	36	32	0.21	2.58
456	Godavari	IV	Mulugu	7.08	1624	1039	360	56	53	211	9	0	200	200	74	37	0.4	4.836
457	Godavari	IV	Mulugu	8.01	427	273	200	48	19	35	1	0	100	30	30	6	0.21	1.076
458	Godavari	IV	Mulugu	7.54	629	403	220	48	24	55	2	0	110	100	21	2	0.36	1.612
459	Godavari	IV	Mulugu	7.09	172	110	80	16	10	23	9	0	40	10	20	4	0.06	1.118
460	krishna	V	Jogulamba(Gadwal)	7.10	3307	2116	740	224	44	399	69	0	270	510	476	276	0.58	6.38
461	krishna	V	Jogulamba(Gadwal)	7.14	1871	1197	700	176	63	106	8	0	270	270	230	44	0.37	1.74
462	krishna	V	Jogulamba(Gadwal)	7.34	692	443	280	72	24	30	1	0	170	70	33	47	0.36	0.78
463	krishna	V	Jogulamba(Gadwal)	7.54	3260	2086	940	88	175	315	30	0	590	440	256	218	0.18	4.47
464	krishna	V	Jogulamba(Gadwal)	7.20	5005	3203	1440	216	219	560	18	0	310	1100	625	84	0.71	6.42
465	krishna	V	Jogulamba(Gadwal)	7.19	1098	703	400	88	44	70	16	0	150	120	178	81	0.21	1.52
466	krishna	V	Jogulamba(Gadwal)	7.45	672	430	280	72	24	30	0.3	0	150	40	36	120	0.34	0.78
467	krishna	V	Jogulamba(Gadwal)	8.19	3364	2153	420	56	68	590	17.1	0	550	630	134	204	0.61	12.52
468	krishna	V	Jogulamba(Gadwal)	7.18	1495	957	300	56	39	194	11	0	270	150	193	54	0.94	4.88
469	krishna	V	Jogulamba(Gadwal)	7.46	1886	1207	620	104	88	150	3	0	240	280	181	154	0.74	2.62
470	krishna	V	Jogulamba(Gadwal)	7.74	2260	1446	300	56	39	397	1	0	380	200	445	52	1.65	9.96
471	krishna	V	Jogulamba(Gadwal)	7.98	2833	1813	460	32	92	437	13	0	240	410	528	51	0.79	8.86

472	krishna	V	Mahabubnagar	8.27	666	426	180	32	24	70	1	0	220	70	15	1	0.43	2.26
473	krishna	V	Mahabubnagar	7.92	1235	790	440	48	78	77	1	0	170	240	95	1	1.10	1.59
474	krishna	V	Mahabubnagar	7.73	1144	732	360	104	24	102	6	0	220	160	32	132	0.42	2.33
475	krishna	V	Mahabubnagar	8.13	1652	1057	360	24	73	205	26	0	300	220	35	220	0.97	4.70
476	krishna	V	Mahabubnagar	7.49	1060	678	240	32	39	136	4	0	200	200	35	28	0.88	3.82
477	krishna	V	Mahabubnagar	8.48	883	565	100	8	19	163	2	10	390	30	10	10	1.29	7.09
478	krishna	V	Mahabubnagar	7.35	1666	1066	420	80	53	175	26	0	160	290	64	259	0.20	3.71
479	krishna	V	Mahabubnagar	7.34	1289	825	400	88	44	107	2	0	160	280	43	38	0.72	2.33
480	krishna	V	Mahabubnagar	7.76	1407	900	520	72	83	84	1	0	210	330	26	2	0.43	1.60
481	krishna	V	Mahabubnagar	7.22	1211	775	540	96	73	38	2	0	100	230	23	211	1.01	0.71
482	krishna	V	Mahabubnagar	7.72	998	639	200	48	19	118	33	0	260	120	26	46	0.64	3.62
483	krishna	V	Mahabubnagar	7.40	2709	1734	400	56	63	279	260	0	360	490	85	217	0.61	6.06
484	krishna	V	Mahabubnagar	7.54	710	454	180	32	24	81	1	0	160	90	16	55	0.85	2.61
485	krishna	V	Mahabubnagar	7.94	1813	1160	220	8	49	190	239	0	260	430	43	0.3	0.19	5.56
486	krishna	V	Mahabubnagar	8.05	1699	1087	100	8	19	350	20	0	330	360	27	6	0.83	15.22
487	krishna	V	Nagarkurnool	7.49	1235	790	440	56	73	69	5	0	300	130	28	102	0.20	1.43
488	krishna	V	Nagarkurnool	7.54	1714	1097	680	80	117	70	2	0	280	320	22	76	0.47	1.17
489	krishna	V	Nagarkurnool	8.13	1472	942	520	64	88	71	2	0	160	290	23	98	0.45	1.35

490	krishna	V	Nagarkurnool	6.87	1608	1029	820	176	92	32	1	0	330	310	35	88	1.08	0.49
491	krishna	V	Nagarkurnool	8.18	1562	1000	460	16	102	169	5	0	210	390	44	3	0.50	3.43
492	krishna	V	Nagarkurnool	7.38	2299	1471	700	88	117	228	2	0	320	570	54	12	0.66	3.75
493	krishna	V	Nagarkurnool	7.66	2190	1402	580	80	92	259	4	0	160	630	51	17	0.58	4.68
494	krishna	V	Nagarkurnool	7.70	707	452	260	32	44	43	1	0	90	80	16	160	1.22	1.16
495	krishna	V	Nagarkurnool	8.36	1907	1220	200	16	39	312	22	20	340	310	40	38	0.50	9.59
496	krishna	V	Nagarkurnool	7.82	1450	928	240	16	49	217	15	0	400	170	26	68	0.98	6.09
497	krishna	V	Nagarkurnool	7.78	2258	1445	880	136	131	98	8	0	200	440	210	127	0.26	1.44
498	krishna	V	Nagarkurnool	7.46	531	340	220	48	24	28	0.4	0	140	70	8	32	0.63	0.81
499	krishna	V	Nalgonda	7.33	1236	791	380	32	73	96	1	0	280	130	125	16	1.13	2.14
500	krishna	V	Nalgonda	8.30	1995	1277	140	48	5	441	4	20	680	70	149	153	1.77	16.21
501	krishna	V	Nalgonda	7.96	872	558	240	40	34	95	1	0	200	80	79	55	1.46	2.67
502	krishna	V	Nalgonda	6.92	919	588	400	56	63	94	3	0	300	70	88	54	1.09	2.04
503	krishna	V	Nalgonda	8.02	359	230	140	32	15	31	2	0	130	20	36	13	0.72	1.14
504	krishna	V	Nalgonda	7.82	1124	719	320	48	49	111	3	0	80	180	191	30	0.43	2.70
505	krishna	V	Nalgonda	7.47	879	563	280	48	39	76	1	0	110	130	102	55	0.69	1.98
506	krishna	V	Nalgonda	7.86	1450	928	300	32	53	189	32	0	280	170	152	104	1.73	4.75
507	krishna	V	Nalgonda	7.19	2066	1322	460	48	83	261	3	0	310	400	20	139	1.75	5.29

508	krishna	V	Nalgonda	7.64	730	467	260	48	34	58	1	0	100	120	100	7	1.47	1.56
509	krishna	V	Nalgonda	8.24	1963	1256	540	80	83	195	38	0	560	200	150	43	3.42	3.65
510	krishna	V	Nalgonda	7.59	319	204	120	40	5	16	1	0	130	10	8	3	0.19	0.64
511	krishna	V	Nalgonda	7.84	1239	793	220	40	29	93	2	0	300	200	103	3	0.99	2.73
512	krishna	V	Nalgonda	7.34	597	382	260	40	39	16	4	0	170	20	59	47	0.71	0.43
513	krishna	V	Nalgonda	6.50	512	328	220	40	29	15	5	0	80	40	70	53	1.04	0.44
514	krishna	V	Nalgonda	7.70	859	550	220	40	29	37	1	0	300	80	116	2	2.29	1.08
515	krishna	V	Nalgonda	7.73	3080	1971	660	48	131	372	21	0	470	430	197	282	1.86	6.30
516	krishna	V	Nalgonda	7.63	732	468	200	56	15	80	5	0	190	90	50	7	0.69	2.46
517	krishna	V	Nalgonda	7.69	694	444	240	40	34	49	1	0	70	90	146	4	0.24	1.38
518	krishna	V	Nalgonda	8.02	1868	1196	360	64	49	266	6	0	190	280	241	126	0.46	6.10
519	krishna	V	Nalgonda	7.54	1759	1126	500	32	102	180	3	0	320	230	172	71	0.57	3.50
520	krishna	V	Nalgonda	7.16	1457	932	480	96	58	110	5	0	250	180	181	52	0.46	2.18
521	krishna	V	Nalgonda	8.07	962	616	240	40	34	118	1	0	230	80	135	12	0.79	3.31
522	krishna	V	Nalgonda	7.57	2467	1579	860	176	102	144	2	0	70	670	189	14	0.25	2.14
523	krishna	V	Nalgonda	7.59	3273	2095	1120	224	136	255	4	0	270	790	190	47	0.98	3.31
524	krishna	V	Nalgonda	7.98	1462	936	320	80	29	178	1	0	300	90	185	98	2.42	4.33
525	krishna	V	Nalgonda	7.42	949	607	300	48	44	81	10	0	190	110	94	54	0.58	2.03

526	krishna	V	Nalgonda	8.02	1199	767	400	104	34	92	2	0	270	140	110	31	2.70	2.00
527	krishna	V	Nalgonda	7.58	595	381	180	40	19	54	2	0	150	80	40	2	0.38	1.75
528	krishna	V	Nalgonda	7.98	1209	774	200	72	5	224	3	0	170	100	91	110	3.12	6.89
529	krishna	V	Nalgonda	6.94	1388	888	180	48	15	234	6	0	140	270	152	10	0.39	7.58
530	krishna	V	Nalgonda	8.24	1797	1150	120	40	5	373	49	0	600	120	148	31	1.20	14.80
531	krishna	V	Nalgonda	7.90	1864	1193	360	40	63	266	5	0	140	430	157	13	0.52	6.10
532	krishna	V	Nalgonda	7.32	586	375	160	40	15	58	4	0	90	40	117	23	0.29	1.99
533	krishna	V	Nalgonda	8.27	1789	1145	160	32	19	345	7	0	510	130	177	22	3.81	11.86
534	krishna	V	Nalgonda	7.79	799	511	160	40	15	104	37	0	210	60	118	6	1.23	3.58
535	krishna	V	Nalgonda	7.35	492	315	220	32	34	17	15	0	180	20	45	19	1.02	0.50
536	krishna	V	Nalgonda	7.75	1463	936	380	80	44	158	2	0	200	210	142	94	0.49	3.52
537	krishna	V	Nalgonda	7.52	579	371	200	56	15	45	2	0	130	40	98	6	0.48	1.38
538	krishna	V	Nalgonda	7.79	3401	2177	640	64	117	521	5	0	400	680	343	193	2.62	8.96
539	krishna	V	Nalgonda	7.49	646	413	220	48	24	42	12	0	170	40	47	49	2.56	1.23
540	krishna	V	Nalgonda	7.58	969	620	260	40	39	77	76	0	320	80	40	54	1.83	2.08
541	krishna	V	Nalgonda	8.04	1032	660	240	80	10	144	5	0	310	80	123	5	0.89	4.04
542	krishna	V	Nalgonda	8.29	1362	872	200	72	5	207	46	0	260	120	155	130	1.23	6.36
543	krishna	V	Nalgonda	7.35	730	467	260	48	34	51	4	0	150	70	114	3	0.49	1.38

544	krishna	V	Nalgonda	6.89	870	557	340	40	58	47	3	0	110	180	75	3	0.20	1.11
545	krishna	V	Nalgonda	7.56	2330	1491	560	80	88	268	5	0	90	420	438	45	1.29	4.92
546	krishna	V	Nalgonda	7.99	1426	913	320	48	49	181	3	0	180	200	195	52	1.07	4.40
547	krishna	V	Nalgonda	7.59	920	589	340	80	34	33	43	0	70	110	183	54	0.25	0.78
548	krishna	V	Nalgonda	7.64	2422	1550	300	80	24	468	2	0	310	190	660	59	1.69	11.75
549	krishna	V	Nalgonda	7.91	684	438	160	48	10	88	4	0	110	60	141	12	0.47	3.02
550	krishna	V	Nalgonda	7.61	1099	703	340	56	49	108	6	0	380	80	79	10	1.02	2.55
551	krishna	V	Nalgonda	7.64	776	497	240	56	24	49	27	0	80	80	140	50	0.24	1.38
552	krishna	V	Nalgonda	8.02	2092	1339	300	72	29	280	78	0	410	250	300	45	1.58	7.03
553	krishna	V	Rangareddy	7.53	1579	1011	540	112	63	116	3	0	370	250	31	56	0.41	2.16
554	krishna	V	Rangareddy	6.75	399	255	180	16	34	19	0.2	0	170	20	9	16	0.55	0.60
555	krishna	V	Rangareddy	8.08	1189	761	380	72	49	92	8	0	200	210	23	88	0.30	2.05
556	krishna	V	Rangareddy	7.57	847	542	260	56	29	79	1	0	340	20	13	56	0.89	2.12
557	krishna	V	Rangareddy	6.57	702	449	160	16	29	46	66	0	40	200	9	8	0.04	1.59
558	krishna	V	Rangareddy	7.18	1466	938	360	72	44	170	2	0	230	190	183	55	0.41	3.89
559	krishna	V	Rangareddy	7.28	471	301	180	48	15	35	5	0	190	30	11	17	0.46	1.15
560	krishna	V	Rangareddy	7.55	2480	1587	340	16	73	394	50	0	560	310	158	57	1.67	9.29
561	krishna	V	Rangareddy	7.32	1556	996	620	64	112	84	13	0	490	190	30	3	1.29	1.46

562	krishna	V	Rangareddy	7.11	849	543	340	104	19	32	3	0	220	90	19	57	0.39	0.76
563	krishna	V	Rangareddy	6.89	1567	1003	660	112	92	54	2	0	270	290	19	84	0.35	0.91
564	krishna	V	Rangareddy	7.07	903	578	400	72	53	30	2	0	300	30	14	146	0.63	0.66
565	krishna	V	Suryapet	7.04	1170	749	340	104	19	110	2	0	240	160	19	105	0.87	2.59
566	krishna	V	Suryapet	6.98	778	498	340	40	58	29	1	0	240	40	16	108	0.43	0.68
567	krishna	V	Suryapet	7.43	1944	1244	660	216	29	117	34	0	310	340	150	1	0.53	1.98
568	krishna	V	Vikarabad	7.20	822	526	180	48	15	114	1	0	280	80	16	11	1.78	3.69
569	krishna	V	Vikarabad	7.45	785	502	280	56	34	48	2	0	280	60	15	4	0.66	1.25
570	krishna	V	Vikarabad	6.95	1063	680	200	56	15	133	2	0	150	220	22	3	0.89	4.09
571	krishna	V	Vikarabad	7.21	914	585	340	72	39	54	2	0	310	70	15	36	0.91	1.27
572	krishna	V	Vikarabad	7.20	486	311	180	32	24	26	10	0	180	40	8	2	0.31	0.84
573	krishna	V	Vikarabad	7.40	1158	741	460	112	44	51	4	0	280	140	29	68	0.23	1.03
574	krishna	V	Wanaparthy	8.03	862	552	260	40	39	79	1	0	200	110	36	48	0.64	2.13
575	krishna	V	Wanaparthy	8.27	1799	1151	300	64	34	280	1	0	260	300	195	31	0.47	7.03
576	krishna	V	Wanaparthy	7.42	2930	1875	600	80	97	380	0.03	0	240	610	327	15	0.48	6.75
577	krishna	V	Wanaparthy	7.89	898	575	300	96	15	76	1	0	230	110	35	47	0.63	1.91
578	krishna	V	Wanaparthy	7.46	2972	1902	500	80	73	478	6	0	200	700	332	13	0.43	9.30
579	krishna	V	Wanaparthy	7.10	3075	1968	680	80	117	395	4	0	300	640	313	14	0.52	6.59

580	krishna	V	Wanaparthy	7.25	869	556	320	40	53	75	1	0	300	640	100	46	0.79	1.82
581	krishna	V	Yadadri	7.70	942	603	300	72	29	104	1	0	150	130	82	123	1.12	2.60
582	krishna	V	Narayanpet	8.05	1270	813	420	72	58	106	2	0	300	170	86	25	1.29	2.25
583	krishna	V	Narayanpet	7.96	2387	1528	380	56	58	384	7	0	570	320	155	46	0.91	8.57

Annexure-VI – Sewage and Solid Waste management in Rural water bodies

Sewage and Solid waste management in Gram Panchayats along 15 KM distance of Polluted River Stretches

Details	Bhadradri Kothagudem			Jayashankar Bhupalpally		Jogulamba Gadwal	Karimnagar	Mancherial	Medak	Nagarkurnool	Nalgonda		Narayanpet	Nirmal
	Godavari	Kinnerasani	Karakavagu	Godavari	Maneru	Krishna	Maneru River	Godavari	Manjeera	Krishna	Krishna	Musi	Krishna	Godavari
Number of GPs	107	40	17	36	23	71	117	146	135	14	91	93	53	152
Total Population	256911	41589	16987	53934	35829	120957	236938	228984	193941	2664	130759	213737	75956	247616
Solid Waste(Ton)	72.11	28.024	3.2				29.97							
Total waste generation-TPD	78.94	28.03	3.2	2.674	1.274	28.3	29.32	32.00	1.34		7.4 Tons	8.1 Tons	1.577	0.001914
Total Waste Collected - TPD	49.77	28.03	2.4	2.674	1.384	27.6	29.6	31.00	1.34		6.9 Tons	7.4 Tons	1.077	0.0018183
SW Processing facilities capacity	115.7	13.808	2.1	26.66	15.82	27.6	25.45	32.00	0.8		10.9 Tons	10.5 Tons	1.40	3925 KGS
Gap in processing	27.6	4.005	0.43	0	0	0	5.49	3			0	0	0.1	0
Total Plastic waste Generated TPD	10.66	2.901	1	0.48	0.54	9.8	31.42	0.84	0.67		1.1 Tons	1.2 Tons	0.201	0.075
Expenditure incurred in Rs in Crores on SWM	0.8359	1.00668	0.00	0.869	0.399	0.88	33.2	3.00	15.363		1.47	1.32	1.083	3.45 Crs
Sewage	1587.91	1025.2	1				38.66							

Total sewage generation-K. Lit per Day	1587.91	1025.2	1	8851.6	1.7	4279	38.07	2534209	1.07882 Crore Liters		230 KL	261 KL	65	209.56 Ltrs
Treatment systems	Soak Pits, Soaking and drainage	Soak Pits	Soak Pits	Soak Pits	Soak Pits	Soak Pits	Soak Pits and Drainages	Individucal & Communi nty Soak Pits,	5950 Individua l Magic Soak Pits		Magic Soak Pits	Magic Soak Pits	0	Soak Pits
Expenditure incurred in Rs in Crores on Sewage management	0.866	2.622	0.05	2.336	1.376	4.09	21.23	7.35	3.14		1.36	2.21	1.51	3.27
Proposed activities for the year 2022-23 and budget	1.029	3.179	Prposed to complet e the construc tion of Soak Pits at House Hold levels at the GP level	Soak Pits-6155 Budget-6.17 Cr	Soak Pits-6155 Budget-6.17 Cr	1200 Soak pits are constructe d out of 1675 with in 0.54 Crores expenditur e done out of Cost 0.80 Crores For 2022-23 propose for constructio n of 670 Soak pits with an estimate cost 0.40	Soak Pits Estimated Cost 28.05	No.of Soak pits 39679 Estimated cost Rs.18.33 Cr	Proposed Commun ity Soak Pits-650, Individua l soak pits-1080 cost 1.29 Crores. At present communi ty Soak Pits (31) Individua l Soak Pits (692)hav e been construct ed and paid in the current F.Y.		6800 Soak pits will be complet ed in the year 2022-23 Rs. 3.45 Crs	9850 Soak pits will be complet ed in the year 2022-23 Rs. 5.75 Crs	940 Soak Pits proposed estimate d cost Rs. 0.46 Crs.	Soak Pits Rs @ 4275 each 1.79 Crs

Sewage and Solid waste management in Gram Panchayats along 15 KM distance of Polluted River Stretches									
Details	**Nizamabad**		**Peddapalli**		**Rangareddy**	**Sangareddy**		**Wanaparthy**	**Yadadri Bhongiri**
	Godawari	**Manjeera**	**Godawari**	**Maneru**	**Musi River**	**Manjeera**	**Nakkavagu**	**Krishna**	**Musi**
Number of GPs	80	59	63	47	6	165	55	81	163
Total Population	175427	97243	81658	82329	14005	229506	126296	131854	270877
Total waste generation-TPD	8.9 Tons	5.3 Tons	17.92	15.07	0.988 Tons	9.12 Tons	3.04Tons	28.8	19577052
Total Waste Collected -TPD	8.8 Tons	4.8 Tons	9.83	7.41	0.988 Tons	8.68 Tons	2.89 Tons	27.3	215347572
SW Processing facilities capacity	12.5 Tons	12 Tons	31.5	23.6	4010 Kgs	18.44	6.15	27.3	61996
Gap in processing	0	0	0	0	0	0	0	1.5	470
Total Plastic waste Generated TPD	0.9 Tons	0.7 Tons	0.88	0.109	0.241 Tons	3.39 Tons	1.13 Tons	0.86 Tons	993093
Expenditure incurred in Rs in Crores on SWM	1.7 Cr	1.27 Cr	3.04	1.66	0.12	7.04	3.96 Crs	1.94 Cr	178631200
Total sewage generation-K. Lit per Day	185 KL	125 KL	1415.25	907.73	729.15	153.6 KL	86.4 KLs	4087	19432325

Treatment systems	Magic Soak pits and Community Soak pits	Magic Soak pits and Community Soak pits	Soak Pits	Soak Pits	Soak Pits and Under ground drainage works	Soak Pits	Soak Pits	Soak Pits	11132
Expenditure incurred in Rs in Crores on Sewage management	3.9 Cr	2.97 Cr	1.86	0.9	2235456	1.81 Crs	1.01 Crs	1.59	47272500
Proposed activities for the year 2022-23 and budget	1. (5560) Soak Pits will be completed in the year 2022-23. 2. Community Soak Pits will be constructed in the necessary GPs. Cost Rs.2.49 Cr	1. (3045) Soak Pits will be completed in the year 2022-23. 2. Community Soak Pits will be constructed in the necessary GPs. Cost Rs.1.36 Cr	Sanitation (SWM+LWM) Liquid waste works 2733 Estimated Cost Rs. 2.64 Cr, Solid Waste activities-7, Cost Rs.1.51 Cr	Sanitation (SWM+LWM) Liquid waste works 2520 Estimated Cost Rs. 1.35 Cr, Solid Waste activities-7, Cost Rs.0.96 Cr	Soak Pits 3767 will be constructed @ proposed cost of 0.38 Crs	1. Individual Community Soak Pits are being constructed in the Gram Panchayats. 3917 Soak Pits were sanctioned out of which 2118 Soak Pits have been completed. The remaining balance 1799 will be completed in the financial year. Rs.1.34	1. Individual Community Soak Pits are being constructed in the Gram Panchayats. 2203 Soak Pits were sanctioned out of which 1169 Soak Pits have been completed. the remaining balance 1034 will be completed in this financial year .Rs. 0.75 Cr budget	4457 Soak pits are constructed out of 7360 with in 2.37 Crores expenditure done (Cumulative) For 2022-23 proposed for construction of 2903 Soak pits.	18158800

						Cr budget available. 2.In these Gram Panchayths, the open drains and underground drains are also being taken-up Drain water is connected to coomunity soak pits. But, not allowing to flow into Manjeera River. 3.Rs. 7.04 Crores budget is allocated from 15th F.C/SFC/G.P Funds.	available. 2.In these Gram Panchayth, the open drains and underground drains are also being taken-up Drain water is connected to coomunity soak pits. But, not allowing to flow into Nakkavagu. 3.Rs. 3.96 Crores budget is allocated from 15th F.C/SFC/G.P Funds.		