

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 November and December, 2020

Overall status of the State:

- I. Total Population: Urban Population & Rural Population separately: 3.9 crores
- II. Estimated Sewage Generation (MLD): 2613MLD
- III. **Details of Sewage Treatment Plants(STPs):**
 - Existing no. of STPs and Treatment Capacity (in MLD) : 31 Nos & 888.55 MLD
 - Capacity Utilization of existing STPs :735.8 MLD
 - MLD of sewage being treated through Alternate technology : One pilot project under Implementation and Rain guard / wet land construction on Kukatpally nala.
 - Gap in Treatment Capacity in MLD : 1724.45
 - No. of Operational STPs : 31 Nos
 - No. of Complying STPs : 31 Nos
 - No. of Non-complying STPs : Nil

Details of each existing STP in the State: 31 STPs with a capacity of 888.55 MLD and the details are placed at Annex-I

Details of under construction STPs in the State: 17 STPs with a capacity of 210.4 MLD are under different stages and the details are placed as Annex-II.

Details of proposed STPs in the State ; 103 STPs (31 proposed in the Priority I & II stretches with a capacity of 1259.5 MLD and 72 in Priority III to V stretches with a capacity of 315 MLD and the details are placed at Annex-III. The tender notification was issued for construction of the STPs on HAM mode and the last date for receiving the proposals was 16th December, 2020. As no proposals were received the last date is extended up to 18th January, 2021.

IV. Details of Industrial Pollution: (Not pertaining to HMWSSB)

- No. of industries in the State: **10655 Nos (Including Red, Orange, Green and white)**
- No. of water polluting industries in the State: **2178 Nos**
- Quantity of effluent generated from the industries in MLD: **603 MLD**
- Quantity of Hazardous Sludge generated from the Industries in TPD:

Recyclable Waste (TPA)	88,871
Incinerable Waste (TPA)	2,203
Utilisable waste (TPA)	1,48,466*
Landfillable Waste (TPA)	1,12,451
Total:	3,51,992.

***Out of total utilisable waste generated, 1,23,062 Tons has disposed to AFRF facilities / cement plants for pre-processing / co-processing and remaining balance 25,404 Tons has disposed to hand made paper industries/others.**

- Number of industrial units having ETPs: **1519 (including 84 ZLD)**
- Number of industrial units connected to CETP: **674 Industries with 6.2 MLD**
- Number and total capacity of ETPs (details of existing/ under construction / proposed) : **1519 (including 84 ZLD) with capacity 593.85 MLD.**
- Compliance status of the ETPs: Total industries requiring ETPs are **2178, out of which 2167 units have functional ETPs (including the CETP members) of which 2110 are meeting the standards. 57 industries are not complying and closure directions to 34 units and show cause notice to 23 units. 11 units which are operated without the ETP were issued with closure directions.**
- Number and total capacity of CETPs (details of existing/ under construction / proposed): **4 Nos under operation with capacity 7.0 MLD/ 1 No under construction with capacity 480 KLD. One CETP is under construction with a capacity of 0.5MLD capacity is under construction and is likely to be completed by June, 2021.**
- Status of compliance and operation of the CETPs

Town	No. of industries	Industrial Discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Telangana	2178	603 MLD	1519 (including 84 ZLD) with capacity 602.35 MLD.	4 Nos under operation with capacity 7.0 MLD/ 1 No under construction with capacity 480 KLD by June 2021

V. Solid Waste Management:

- Total number of ULBs and their population: 141 & 1.36 crores
- Current Municipal Solid Waste Generation: 9285 TPD (As per Annual Report 2019-20)
- 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), biomethanation, MRF etc:

Sl. No.	Composting/ Vermin-composting (63)	Dry Resource Collection Centres (31)	Biogas (3)	RDF/Pelletization (1)
1	140 ULBs	139 ULBs	Greater Warangal Municipal Corporation	<ul style="list-style-type: none"> • M/s. Integrated Municipal Solid Waste Management Project, (proposed by GHMC), Sy.No.173, Jawaharnagar (V), Shameerpet (M), Medchal-Malkajgiri District has established compost plant & RDF for

				<p>processing MSW of 3600 TPD.</p> <ul style="list-style-type: none"> The Greater Hyderabad Municipal Corporation (GHMC) has constructed the sanitary landfill facility and operating the same
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Waste – to – Energy Plants: (Number/names of towns/capacity)

Sl. No.	Plant Location	Status of Operation	Power generation (MW)	Remarks
1	19.8 MW Capacity at Jawaharnagar	WtE is commissioned in August 2020	19.8 MW	The TSPCB issued CFO vide letter dated 15.07.2020 with validity upto 31.03.2025 to M/s Hyderabad Integrated Waste Management project to operate Waste to Energy Plant of capacity 19.8 MW in the name of M/s. Hyderabad MSW Energy Solutions Pvt. Ltd (Unit-1).
2	11 MW Waste to Energy Capacity Chennaravulapally, Bibi Nagar (M/s RDF Power Projects)	Undergoing pre-commissioning activities.	11.0 MW	Presently, the industry has not commissioned due to financial issues. (IL & FS)
3	12 MW Waste to Energy Capacity Yacharam, Ibrahimpatnam	Permission for granting extension of time to agency(M/s. SVGPPL) for entering into PPA. with TSSPDCL is under examination of GHMC	12.0 MW	
4	14.5 MW Capacity at Dundigal	Construction works have not yet started.	14.5 MW	The Board issued CFE for establishment of Waste to Energy Plant of capacity 14.5 MW at Dundigal in the name of M/s. Hyderabad MSW Energy Solutions Pvt. Ltd (Unit-2).

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. Enhancing capacities of DRCC to meet 100% Dry Waste handling within 6 months.
 - iii. 2 agencies – M/s Cube Bio-Energy and M/s Sagar Motors have been shortlisted and are proposed to provide MSW processing facilities in 52 ULBs. Balance 78 ULBs are grouped into 5 clusters and tender is in process to select agency(/ies) for undertaking MSW processing work. Last date for tender submission was 3rd Nov--2020. Bids from 9 bidders are received and the Bid-evaluation is currently under process.
 - iv. Further, timeline for completion of 100% MSW processing facilities in 52 ULBs is 9 Months and 78 ULBs is one year
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction):
 - One C&D recycling plant with 500 TPD capacity at Jeedimetla in GHMC area is commissioned in the month of September 2019. Another C&D recycling plant with 500 TPD capacity at Fathullaguda is under construction. Greater Warangal, Karimnagar, Nizamabad and Khammam corporations have identified land.
 - Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source: 3618 wards. 100 % D2D. source segregation is around 53%.
 - Details of MSW treatment facilities proposed and under construction (no., capacity, and technology):
 - i. Processing facilities is proposed in 130 ULBs
Capacity of processing plants in proposed ULBs: 2,987 TPD
Technology proposed:
 - Composting / Vermi-composting in 130 ULBs
 - Warangal Municipal Corporation has 2 Nos. of Bio Methanation projects with capacity of 1 TPD to operate power plant of capacity 24 KW (each) per day.

- ii. ULBs having existing processing facilities are excluded from the tender process. These are: (i) Suryapet, (ii) Kompally, (iii) Dammaiguda, (iv) Jawaharnagar and (v) Medchal
- iii. Tender is yet to be called for balance 5 ULBs: i) Warangal, ii) Narsampet, (iii) Parakala, (iv) Wardhannapet and v) Kothur
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.
 - i. No. of Dumpsites: 151
 - ii. Total Area in Acres: 887
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers

River Strech	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	NA	NA
	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	NA	NA
	Luxettipet	1.2	1
	Mandamarri	5	1
	Nasapur		
	Khanapur	5.51	2
	Nirmal	13.22	1

	Armoor	11	1
	Manthani	1	1
	Bhainsa	15.2	2
Krishna (P-V) (Thangadi to Wadapally)	Gadwal	5.19	1
	Alampur	2	1
	leeja	4	1
	Kollapur	5	1
	Makthal	4	1
	Total	192.5	31

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

Status of ULB wise Management of Solid Waste
Details placed at Annex-IV

VI. Bio-medical Waste Management: (Not pertaining to HMWSSB)

- Total Bio-medical generation: **20,472 Kg/day**
- No. of Hospitals and Health Care Facilities: **6542 Nos**
- Status of Treatment Facility/ CBMWTF: **11 CBMWTFs and complying with standards.**

VII. Hazardous Waste Management:

- Total Hazardous Waste generation:

Recyclable Waste (TPA)	88,871
Incinerable Waste (TPA)	2,203
Utilisable waste (TPA)	1,48,466 (coprocessing)
Landfillable Waste (TPA)	1,12,451
Total:	3,51,992

- No. of Industries generating Hazardous waste: **2377**
- Treatment Capacity of all TSDFs : **1 No of Common TSDF 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. Plastic Waste Management:

- Total Plastic Waste generation: **640.15 TPD as per Annual Returns 2019-20**
- Treatment/ Measures adopted for reduction or management of plastic waste:
 - Plastic waste generated in the State is collected door to door and then source segregated and properly channelized. There are 34 registered plastic waste recyclers in Telangana with a capacity of 136.08 TPD. 5500 tons of plastic waste is utilised by recycling units.

There are 7 Plastic Pyrolysis units in Telangana. The details are as follows:

S.No.	Name of the Unit	Capacity (in TPD)
1.	M/s. RS industries, Mallapally	16 (1000 tons used)
2.	M/s. G.K. Industries, Gollapally	8
3.	M/s. Dharithri Sustainable energy Ltd, Pashamailaram	1.5 (200 tons used)
4.	M/s. MS Energies, Pashamailaram (CFE issued)	10
5.	M/s. Pyrogreen Energy, Pashamailaram	5
6.	M/s. Flexi Eco-green, Nagarkurnool	5 (350 tons used)
7.	M/s. Nalgonda	2

57.5 TPD of plastic waste was used for production of waste to oil during July to September, 2020.

- 139 ULBs banned single use plastic initiated Spot-fines to regulate plastic waste

➤ **The details of cement plants where plastic is utilized for co-processing capacity and quantity of plastic waste being utilized in the State:**

1. Zuari Cements – 3 TPD.
2. Anjani Portland Cements – 2 TPD.

About 1200 tons of plastic waste was co-processed during July to September, 2020.

- 11.44 tons of plastic waste is utilized for laying of BT roads in Greater Hyderabad Municipal Corporation (GHMC). 2 tons of plastic waste is used to make tiles which were laid as foot path.
- One integrated solid waste management facility is located in Telangana with RDF processing capacity of 2400 TPD at Jawaharnagar (V), Shameerpet (M), Medchal-Malkajgiri District. Presently, the facility generating 2400 TPD of RDF out of which 330 TPD of plastic is part of RDF.

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

i) In-Situ Remediation:

- HMWSSB has entrusted for preparation of DPRs for In-situ remediation for 5 drains leading to lakes to NEERI, Hyderabad.
- NEERI has submitted DPR for Kokapet drain of 1.0 MLD Capacity. It is under implementation stage by NEERI.
- For balance 4 drains, DPRs are received from NEERI which are under sanction stage.

ii) Faecal Sludge Treatment as interim measure(FST) at the newly proposed STP sites:

As newly proposed STPs are taking time to implement, HMWSSB has proposed 6 FSTPs as an interim measure to avoid pollution of lake bodies. As such HMWSSB has taken up construction of one FSTP of 40 KLD capacity at Navakunta, under CSR funding and executed by ASCI, Hyderabad which will be completed within 3 months. 5 more FSTPs will

be taken up and will be completed in another 5 months. The septage in areas where there are no STPs will get treated to lake water standards. Out of 5 FSTP location sites, the proposal at Injapur & Nagaram for construction of FSTPs, are under tender stage and the bids will be opened on 28.12.2020.

- **HMWSSB has enlisted the Septic Tank Cleaning Vehicle Operators of 87Nos and provided the training for safe handling of septage and issued safety equipment.**

iii) Co-treatment of Septage at existing STPs for the Peripheral / ORR areas:

HMWSSB has taken up co-treatment of septage from the Septic Tanks of individual and community septic tanks at the existing STPs by setting up co-treatment facilities in the year 2018 itself at the following STPs locations of

- Amberpet,
- Nallacheruvu,
- Peddacheruvu,
- Miralam
- Khajaguda
- Nanakramguda
- Nagole
- Khajakunta

So far 6 Co-treatment plants are established and functioning and 2 more are in progress which will be completed in 2 months. About 26 million liters of septage has been treated so far at these co-treatment plants, thereby preventing the pollution of lakes to that extent. Further it is propose to set up another co-treatment facility at STP, Attapur. So far, 87 Septic Tank cleaning vehicles with operators are enlisted and the septic tank workers are provided training for co-treatment and also safety measures. They are provided with safety equipment for desludging of septage.

- iv) 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. The efficacy is under testing.
 - 71 ULBs under CDMA are packaged into 7 clusters. FSTP in 5 ULBs (Siddipet, Kamareddy, Nirmal, Bhongir and Nalgonda) are already operational and in balance 66 ULBs the project is in different stages of development on PPP mode.
 - 69 ULBs are categorized into 7 clusters and currently tender is being prepared for establishing FSTP on PP mode in each ULB

- 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: -
- XII.** Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: - 5 RRC meeting are conducted so far and also the implementation of the progress is being reviewed regularly by the Chief Secretary under O.A.No.606 of 2018.
- XIII.** Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: - Annex-V
- 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.
- 1) As per Section 3(1) the State level WALTA Authority is Secretary to the Government and in-charge ex-officio Member Secretary and Commissioner Rural Development is state WALTA Administrator. As per WALTA rules 2004, Rule no 8,9,10 at district level, District Collector is the WALTA Authority. At divisional level RDO and at Mandal level Tahasildar is the WALTA Authority.
 - 2) As per rule 13 every individual or institution has to take a permission to dig a new bore well from Mandal WALTA Authority for Agriculture, Industries and Drinking water purposes
 - 3) Groundwater Department has been designated for giving feasibility report regarding availability of ground water for the proposed areas, ether for individuals or non-individuals for agriculture, domestic, drinking and industrial purpose.
 - 4) For industries under TS Ipass Groundwater Department will give the approvals for extraction of Groundwater by recommending new bore wells sites abiding WALTA rules.
 - 5) Groundwater Department should assess the ground water resources in the state, by adopting Ground Water Resources Estimation Committee Methodology. As per GEC methodology, the categorisation based on status of ground water quantity is defined by stage of Ground Water extraction as given below:
 - 6) Ground Water Department has identified (1358) Villages as Over exploited, considering Ground Water Estimation Resources assessment for the base year 2012-13. And 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
 - 7) 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:** - Further, the NGT in the above OA No 673/2018 has also ordered for Water and Irrigation practices & organization of awareness programme for the farmers. In this regard, WALAMTARI is preparing action plan for training of Water and Irrigation practices & organization of awareness programme for the farmers.
- XVI.** **Rain Water Harvesting:** -
- XVII.** **Demarcation of Floodplain and removal of illegal encroachments:** - As per the NGT orders in OA No 673 of 2018 on polluted rivers, for notification of flood plain zones, a committee was constituted by Government with the following ENC's / CE's

to collect the data of past history of flooding and mitigation measures taken and for identification of new areas of flood mitigation.

S.No	River Name	River Stretch	Concerned ENC/CE
1	Musi	Hyderabad to Nalgonda	Chief Engineer, NSP
2	Manjeera	Gowdicharla to Nakkavagu	Commissioner P & D of Godavari Basin
3	Nakkavagu	Gandilachapet to Sevala Thanda	
4	Karakavagu	Along Palwancha	SE & PA ,SRLIP -1
5	Maner	Warangal to Somnapalli	Engineer-in-Chief(P), Karimnagar
6	Godavari	Basar to Khammam	ACE, SRSP, CE, Khanthanapalli & CE, Minor (GB)
7	Kinnerasani	Along Palwancha	SE & PA ,SRLIP -1
8	Krishna	Thangadigi to wadapally	Chief Engineer, Mahabubnagar & CE, Minor (KB)

As a step in this process, review meetings are conducted by the Engineer-in-Chief(I) on 06.07.2020, 03.09.2020 and 03.11.2020 with the above Engineer-in-Chief's/Chief Engineers regarding the action plan on the mitigation measures to be taken up to identify Flood Plane Zones.

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.

The extent of areas affected is being computed along with survey No's which are being identified for declaration of same for Flood Plane Zones in co ordination with Revenue Authorities.

The following activities are completed in the River Musi

- a. Cleaning and clearance of Juliflora, Shrubs etc. and removal of silt for free flow of River without stagnation and 3 Nos. Mosquito killing machines are erected to bring down the mosquito menace. Also 10 Nos Fogging Machines are procured and fogging operations are being taken up daily along the banks of Musi River.
- b. Demarcation of River boundary and 50 mtrs. Buffer zone on either side of Musi from Gandipet to ORR-East (Gowrelli) and Himayathsagar to Bapughat is in progress.
- c. Development of Green walk-ways and removal of debris along the Musi River Edges from Bapughat to Nagole at five locations covering Nine bridges for a total length of about 16 kms under Ecological Restoration of River Musi is taken up.
- d. MRDCL is being engaged 2 no.s of long boom excavators, 2 no.s excavators and 1 phantoon excavator for cleaning of River Musi on continuous process throughout the year as a part of Cleaning & Clearing of Musi River.

To prevent further dumping of C&D waste material on either side of Musi Bund, the MRDCL has installed Surveillance Cameras and also engaged the guards to keep watch and ward (patrolling 24/7) to avoid further encroachments of Musi River.

- 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:** -
- XXI. Reuse of Treated Water:** Govt. of Telangana has released a policy for reuse of the treated water
- Treated Waste Water is being used for the purposes of gardening by Shilparamam (Tourism Dept.), Botanical Garden (Forest Dept.), R&B Dept, NCC for gardening and for watering the medians etc.
 - So far about 56 MLD has been reused.
 - Further M/s Reddy Labs & Boulder Hills Golf Course are in the process of taking treated waste water from Nanakramguda STP for reuse & recycle purpose.
 - HMWSSB has engaged the consultant to assess the potential customers for reuse of treated waste water from the nearest STPs.
 - HMWSSB has organized two workshops with various stakeholders for awareness of utilizing the reuse of treated water from STPs.
- XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:** -
- XXIII. Status of Preparation of Action Plan by the 13 Coastal States:** - Not Applicable
- XXIV. Regulation of Mining Activities in the State/UT:** -
- XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:** -

Annex-I

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status	Compliance Status of STP
				of STP	
1	Amberpet	339	302	Working	Meeting
2	Nagole	172	172	Working	Meeting
3	Nallacheruvu	30	24	Working	Meeting
4	Attapur 1	51	47.5	Working	Meeting
5	Attapur 2	23	18.2	Working	Meeting
6	Pedda Cheruvu, Nacharam	10	10	Working	Meeting
7	Miralam Tank 1	10	10	Working	Meeting
8	Miralam Tank 2	5	5	Working	Meeting
9	Durgam Cheruvu, SLP	5	5	Working	Meeting
10	Patel Cheruvu, Nacharam	2.5	2.5	Working	Meeting
11	Saroor Nagar	2.5	2.5	Working	Meeting
12	Langer House	1.2	1.2	Working	Meeting
13	NMK Lake	4	3	Working	Meeting
14	Safilguda, Malkajgiri	0.6	0.6	Working	Meeting
15	Khajakunta, Metro, KKP	12	12	Working	Meeting
16	Khajaguda, Gachibowli	7	7	Working	Meeting
17	Nanakramguda,	4.5	4.5	Working	Meeting
18	Nagarjuna Circle	0.5	0.5	Working	Meeting
19	Lingam Kunta, BHEL	30	16	Working	Meeting
20	Gopanapally, SLP	4.5	2.5	Working	Meeting
21	Necklace Road	20	20	Working	Meeting
22	Pattigadda	30	30	Working	Meeting
23	Rangadhamini Lake, KKP	5	5	Working	Meeting
24	Krishnakanth Park,	0.5	-	Not working	-
25	Amber Cheruvu, Pragatinagar	2.5	-	Not working	-
26	Bommakal Road, Karimnagar	38	2	Working	Meeting
27	Chakali Gadda, Vikarabad	13	4.8	Working	Meeting
28	Dubba Nizamabad	31.5	8	Working	Meeting
29	Yellammagutta Nizamabad	15	4	Working	Meeting
30	Thallagadda Miryalguda	11.5	10	Working	Meeting
31	Chinthala Cheruvu Siddipet	7.25	6	Working	Meeting
	Total	888.55	735.8		

Annexure II
Details of under Construction STPS's in the State (Urban other GHMC)

S. Nb.	City/Town	Location of STP	Capacity of STP in MLD	Physical Progress in %	Completion Timeline
1	Miryalguda	Ramnagar Bandam	5.45	90%	12/31/2020
2	Siddipet	Narsapur Cheruvu	11.00	75%	3/31/2021
3	Nalgonda	Sheshammagudem	17.16	50%	11/30/2021
		Arjalabavi	2.55	0% (to be Started)	11/30/2021
4	Nagar Kurnool	Bus Depot Backside	3.20	0% (to be Started)	6/30/2021
		Bus Depot Backside	2.30	30%	6/30/2021
5	Khammam	Dhamsalapuram	20.00	5%	7/30/2021
6	Suryapet	Nalla Cheruvu	10.00	0% (to be Started)	7/30/2021
		Pullareddy cheruvu	10.00	20%	7/30/2021
7	Gajwel	Rajareddy Pally	1.5	0%	12/31/2021
		Pidichedu Road	3.5	0% (to be Started)	12/31/2021
		Pragnapur (By-Pass Road)	1.25	0% (to be Started)	12/31/2021
		Pandavula Chervu	0.5	0% (to be Started)	12/31/2021
8	Devarakonda	Bellamoni Kunta(Nainoni Kunta)	2	0% (to be Started)	31-06-2021
9	GWMC	Reddypuram	100	0% (to be Started)	3/31/2022
		Pragathinagar	15	0% (to be Started)	3/31/2022
		Ursugutta	5	0% (to be Started)	3/31/2022
Total			210.41		

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	Likely date of completion **
			MLD	MLD	MLD	MLD			
1	Bellampally	2	8.50	4.5			13.00	A/S awaited	31-08-2023 subject to availability of funds and incase Administrative Sanction is accorded by the Govt. in the F.Y.2020-21
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			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	A/S awaited	
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	DPR under prep.	
22	Alampur	2	1.60	1.5			3.10		
23	Makthal	2	2.60	2.6			5.20	A/S awaited	
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							315.02		

Proposed STP in priority I & II in Telangana in GHMC

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
Package-III				
1	Ambar Cheruvu (Pragathi Nagar)	37.00	Govt. has accorded administrative sanction for construction of 17 STPs with a capacity of 376.5 MLD Vide G.O.Rt.No.374 MA&UD Dept. Dated:11.09.2020 Under Tender stage	2022
2	Chinna Maisamma	14.50		
3	Nalla Cheruvu (Kukatpally)	15.00		
4	Khajakunta	22.00		
5	Yellammakunta Lake (Jaya Nagar)	13.50		
6	Fathe Nagar	100.00		
7	Vennelagadda	5.00		
8	Gayatri Nagar (Chintal)	5.00		
9	Fox Sagar Lake	14.00		
10	Shivalaya Nagar Cheruvu	14.00		
11	Pariki Cheruvu (Kandri Gutta)	28.00		
12	Durgam Cheruvu	7.00		
13	Khajaguda	21.00		
14	Miyapur Patel Cheruvu	7.00		
15	Gangaram Cheruvu	20.00		
16	Mullakathuva Cheruvu	33.50		
17	Kamuni Cheruvu	20.00		
Total		376.5		
Package-I				
18	New Alwal Lake	15.50	Proposals are under sanction stage at Government level.	
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				
26	Miralam Site 1	30.00	Proposal are under sanction stage at Government level.	
27	Miralam Site	11.50		
28	Bapughat STP at Attapur Site	48.00		
29	Kokapat Lake	15.00		
30	Ibrahim Cheruvu	56.00		
31	Nagole	320.00		
Total		480.50		

Annex-IV

S.No.	ULB	Total MSW Generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Proposed MSW Facilities & Completion Timeline
1	Adilabad	66	26	DRCC, WTC	Work under progress for MSW processing, 9 Months
2	Palvancha	38	15	DRCC, WTC	
3	Kothagudem	36	14	DRCC, WTC	
4	Manuguru	14	5	DRCC, WTC	
5	Yellandu	22	9	DRCC, WTC	
6	Korutla	38	15	DRCC, WTC	Tenders Called for MSW processing, 1 year
7	Dharmapuri	4	2	DRCC, WTC	
8	Jagityal	50	20	DRCC, WTC	
9	Metpalli	29	11	DRCC, WTC	
10	Raikal	3	1	DRCC, WTC	
11	Jangaon	14	5	DRCC, WTC	Work under progress for MSW processing, 9 Months
12	Bhupalpally	13	5	DRCC, WTC	
13	Alampur	1	0	DRCC, WTC	Tenders Called for MSW processing, 1 year
14	Gadwal	18	7	DRCC, WTC	
15	leeja	1	0	DRCC, WTC	
16	Waddepalle	7	3	DRCC, WTC	
17	Banswada	11	4	DRCC, WTC	Work under progress for MSW processing, 9 Months
18	Kamareddy	44	17	DRCC, WTC	
19	Yellareddy	10	4	DRCC, WTC	
20	Karimnagar Mpl Corpn	95	37	DRCC, WTC	Tenders Called for MSW processing, 1 year
21	Choppandandi	2	1	DRCC, WTC	
22	Huzurabad	18	7	DRCC, WTC	
23	Jammikunta	28	11	DRCC, WTC	
24	Kothapally	2	1	DRCC, WTC	
25	Khammam Mpl Corpn	190	74	DRCC, WTC	Work under progress for MSW processing, 9 Months
26	Sattupalli	21	8	DRCC, WTC	
27	Madhira	26	10	DRCC, WTC	
28	Wyra	23	9	DRCC, WTC	
29	Kagaznagar	25	10	DRCC, WTC	
30	Mahaboobnagar	106	41	DRCC, WTC	Tenders Called for MSW processing, 1 year
31	Bhoothpur	2	1	DRCC, WTC	
32	Jadcherla	25	10	DRCC, WTC	
33	Dornakal	4	2	DRCC, WTC	Work under progress for MSW processing, 9 Months
34	Mahabubabad	18	7	DRCC, WTC	
35	Maripeda	2	1	DRCC, WTC	

S.N o.	ULB	Total MSW Generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Proposed MSW Facilities & Completion Timeline
36	Thorrur	3	1	DRCC, WTC	Tenders Called for MSW processing, 1 year
37	Mancherial	21	8	DRCC, WTC	
38	Bellampally	25	10	DRCC, WTC	
39	Chennur	9	4	DRCC, WTC	
40	Kyathanpally	9	4	DRCC, WTC	
41	Luxettipet	5	2	DRCC, WTC	
42	Mandamarri	21	8	DRCC, WTC	
43	Naspur	20	8	DRCC, WTC	
44	Medak	29	11	DRCC, WTC	
45	Narsapur	2	1	DRCC, WTC	
46	Ramayampet	3	1	DRCC, WTC	
47	Thoopran	3	1	DRCC, WTC	
48	Boduppall	51	20	DRCC, WTC	
49	Dundigal	8	3	DRCC, WTC	MSW processing facility commenced
50	Kompally	28	11	DRCC, WTC	
51	Medchal	22	9	DRCC, WTC	Work under progress for MSW processing, 9 Months
52	Peerzadiguda	4	2	DRCC, WTC	MSW processing facility commenced
53	Dhammaiguda	28	11	DRCC, WTC	Work under progress for MSW processing, 9 Months
54	Ghatkesar	9	4	DRCC, WTC	
55	Gundlapochampally	8	3	DRCC, WTC	MSW processing facility commenced
56	Jawaharnagar	9	4	DRCC, WTC	Work under progress for MSW processing, 9 Months
57	Nagaram	25	10	DRCC, WTC	
58	Nizampet	130	51	DRCC, WTC	
59	pocharam	15	6	DRCC, WTC	
60	Thumkunta	8	3	DRCC, WTC	
61	Atchampet	11	4	DRCC, WTC	Tenders Called for MSW processing, 1 year
62	Kalwakurthy	7	3	DRCC, WTC	
63	Kollapur	8	3	DRCC, WTC	
64	Nagarkurnool	13	5	DRCC, WTC	
65	Miryalguda	50	20	DRCC, WTC	
66	Nalgonda	64	25	DRCC, WTC	
67	Chandur	1	0	DRCC, WTC	
68	Chityal	9	3	DRCC, WTC	
69	Devarakonda	16	6	DRCC, WTC	

S.No.	ULB	Total MSW Generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Proposed MSW Facilities & Completion Timeline
70	Haliya	25	10	DRCC, WTC	Work under progress for MSW processing, 9 Months
71	Nandikonda	6	2	DRCC, WTC	
72	Kosgi	2	1	DRCC, WTC	
73	Makthal	2	1	DRCC, WTC	
74	Narayanapet	12	5	DRCC, WTC	
75	Nirmal	66	26	DRCC, WTC	
76	Bhainsa	24	9	DRCC, WTC	
77	Khanapur	6	2	DRCC, WTC	
78	Armur	30	12	DRCC, WTC	
79	Nizamabad Mpl Corpn	188	73	DRCC, WTC	
80	Bheemgal	14	6	DRCC, WTC	
81	Bodhan	40	16	DRCC, WTC	
82	Ramagundam Mpl Corpn	115	45	DRCC, WTC	
83	Peddapalli	21	8	DRCC, WTC	
84	Manthani	24	9	DRCC, WTC	
85	Sulthanabad	3	1	DRCC, WTC	Tenders Called for MSW processing, 1 year
86	Sircilla	46	18	DRCC, WTC	
87	Vemulavada	23	9	DRCC, WTC	
88	Jalpally	33	13	DRCC, WTC	
89	Narsingi	36	14	DRCC, WTC	
90	Shadnagar	32	12	DRCC, WTC	
91	Turkayamjal	10	4	DRCC, WTC	
92	Adibatla	7	3	DRCC, WTC	
93	Amangal	5	2	DRCC, WTC	
94	Badangpet	30	12	DRCC, WTC	
95	Bandlaguda Jagir	44	17	DRCC, WTC	
96	Ibrahimpattanam	9	3	DRCC, WTC	
97	Manikonda	55	21	DRCC, WTC	
98	Meerpet Mpl Corpn	60	23	DRCC, WTC	
99	Pedda Amberpet	27	11	DRCC, WTC	
100	Shamshabad	5	2	DRCC, WTC	
101	Shankarpally	12	5	DRCC, WTC	
102	Thukkuguda	3	1	DRCC, WTC	
103	Ameenpur	38	15	DRCC, WTC	
104	Andol-Jogipet	0	0	DRCC, WTC	
105	Bollaram	25	10	DRCC, WTC	

S.No.	ULB	Total MSW Generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Proposed MSW Facilities & Completion Timeline	
106	Narayankhed	11	4	DRCC, WTC		
107	Sadasivapet	21	8	DRCC, WTC		
108	Sangareddy	49	19	DRCC, WTC		
109	Tellapur	8	3	DRCC, WTC		
110	Zaheerabad	55	21	DRCC, WTC		
111	Gajwel	11	4	DRCC, WTC		
112	Siddipet	47	18	DRCC, WTC		
113	Cherial	4	2	DRCC, WTC		
114	Dubbaka	9	4	DRCC, WTC		
115	Husnabad	12	5	DRCC, WTC		
116	Kodada	32	12	DRCC, WTC		
117	Suryapet	65	25	DRCC, WTC		
118	Huzurnagar	21	8	DRCC, WTC		
119	Neredcherla	2	1	DRCC, WTC		
120	Tirumalagiri	3	1	DRCC, WTC		
121	Vikarabad	30	12	DRCC, WTC		NA
122	Kodangal	2	1	DRCC, WTC		Tenders Called for MSW processing, 1 year
123	Parigi	10	4	DRCC, WTC		
124	Tandur	40	16	DRCC, WTC		
125	Wanaparthy	32	12	DRCC, WTC		
126	Amarchinta	1	0	DRCC, WTC		
127	Atmakur	1	0	DRCC, WTC		
128	Kothakota	4	2	DRCC, WTC		
129	Pebbair	6	2	DRCC, WTC		
130	Narsampet	20	8	DRCC, WTC	Tender yet to be called	
131	Parkal	13	5	DRCC, WTC		
132	Wardhannapet	1	0	DRCC, WTC		
133	Warangal Mpl Corpn	404	158	DRCC, WTC	Work under progress for MSW processing, 9 Months	
134	Bhongir	33	13	DRCC, WTC		
135	Alair	1	0	DRCC, WTC		
136	Choutuppal	1	0	DRCC, WTC		
137	Mothkur	3	1	DRCC, WTC		
138	Pochampally	6	2	DRCC, WTC		
139	Yadagirigutta	8	3	DRCC, WTC		
140	Kothur	3.5 3720	2 1451	WTC	Tender yet to be called	