

From

Additional Chief Secretary,
Environment and Climate Change Department,
Government of Haryana.

To

Registrar,
National Green Tribunal.
New Delhi.

No. 16/1/2021-3 Env.

Dated 06/01/2021

Sub: Response of State of Haryana on the observations of Yamuna Monitoring Committee in its 5th report dt 07.12.2020 submitted to Hon'ble NGT - Reg.

Ref : Directions of Hon'ble NGT in OA No. 06/2012 dated 06.07.2020.

With reference to the above cited subject and reference, it is informed that Hon'ble NGT vide its order dated 06.07.2020 had directed the River Yamuna Monitoring Committee (RYMC) to submit its report giving status as on 30.11.2020 with a copy to the Chief Secretaries Delhi, Haryana and UP and Vice Chairman DDA/ or any other authorities who may give their response to the Tribunal with a copy to the YMC within two weeks. The relevant portion of the order of the Tribunal dated 06.07.2020 is reproduced below:

"25. In view of above, we direct that the further report of the Committee be furnished giving status as on 30.11.2020 with a copy to the Chief Secretaries Delhi, Haryana and UP and Vice Chairman DDA/ or any other authorities who may give their response to the Tribunal with a copy to the YMC within two weeks. The YMC may be tabular statement about the recommendations/response of the authorities and further observations of the Committee before the next date by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of image/PDF before 15.01.2020".

The response by State of Haryana on the observations/ comments of the RYMC has been enclosed along, as directed by the Hon'ble Tribunal, and this issues with the approval of the competent authority. The same may kindly be taken on record.



**Secretary,
For Additional Chief Secretary,
Environment and Climate Change
Department.**

No. 16/1/2021-3Env

Dated 06/01/2021

A copy of the communication is sent to the following for kind information.

1. Smt. Shailaja Chandra, IAS (Retd), Member, RYMC, New Delhi
2. Shri. B S Sajwan, IFS (Retd), Member, RYMC, New Delhi



Secretary,
For Additional Chief Secretary,
Environment and Climate Change
Department.

No. 16/1/2021-3Env.

Dated 06/01/2021

A copy of the communication is sent to the following for kind information.

1. Chief Secretary, Government of Haryana
2. Chief Executive Officer, GMDA, Gurugram
3. Additional Chief Secretary, Irrigation Department, Haryana
4. Additional Chief Secretary, Public Health Engg Department, Haryana
5. Additional Chief Secretary, Agriculture Department, Haryana
6. Additional Chief Secretary, ULB Department, Haryana
7. Principal Secretary, Development and Panchayat Department, Haryana
8. Principal Secretary, Industries & Commerce Department, Haryana
9. Principal Secretary, TCP Department, Haryana
10. Chairperson, Haryana State Pollution Control Board, Panchkula



Secretary,
For Additional Chief Secretary,
Environment and Climate Change
Department.

Response of State of Haryana on the observations of Yamuna Monitoring Committee in its 5th report dt 07.12.2020 submitted to Hon'ble NGT - Reg.

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Response of State of Haryana on the observations of Yamuna Monitoring Committee in its 5th report submitted to NGT in OA No. 06/2012- Manoj Mishra Vs UOI & Ors. vide letter No. YPMC/2020/524 dated 07.12.2020.

The response of the State of Haryana on the observations of Yamuna Monitoring Committee in its 5th report submitted to NGT in OA No. 06/2012- Manoj Mishra Vs UOI & Ors. vide letter No. YPMC/2020/524 dated 07.12.2020, are given as under and the same may kindly be taken on record.

- With reference to the observations of RYMC that 66 MLD untreated effluent is flowing into drains from twin cities of Jagadhari and Yamuna Nagar, it is submitted that there are presently 4 STPs operating with a capacity of 79 MLD, which are treating the effluent which is being generated from Jagadhari and Yamuna Nagar (i.e. 32.3 MLD (Yamuna Nagar town) + 18.56 MLD (Jagadhari town)).
- In fact STPs are designed for next 15 years. In Yamuna Nagar, present required capacity is 32.30 MLD against which STPs of 65 MLD capacity have already been provided. So treatment of sewage is taken care of.

The present total population of Yamuna Nagar town is 2,60,485 persons and sewage generation works out to be around 32.30 MLD. The sewage generation on the basis of prospective population for next 15 years works out to be 44.28 MLD. The capacity of existing STPs at Yamuna Nagar town is 65 MLD (25 MLD at Radaur Road + 20 MLD at Radaur road 2 x 10 MLD at BaddiMajra) against the present sewage generation of 32.30 MLD. However, it is also intimated that the upgradation of the existing 25 MLD at Radaur Road has already been completed and upgradation of 10 MLD STP at Baddi Majra is in progress and will be completed by 31.12.2020. Hence, the capacity of installed STPs at Yamuna Nagar will be more than sufficient to treat the 44.28 MLD domestic sewage generation for prospective population of Yamuna Nagar Town for next 15 years.

As far as Jagadhri town is concerned, the present total population of the town is 1,49,873 persons and sewage generation works out accordingly to 18.56 MLD. The sewage generation on the basis of prospective population for next 15 years works out to be 23.78 MLD. The capacity of existing STP at Jagdhari town is 24.00 MLD against the present sewage generation of 18.56 MLD, which is more than sufficient to treat the 23.78 MLD domestic sewage generation for prospective population of Jagdhari Town for next 15 years.

The State has already prepared the plan and acting on tapping of polluted effluent through laying of sewers and also intercepting effluent into

sewers. Out of the total targeted length of 109 Km of sewer lines, 69.9 km has already been laid out and the remaining 39 KM length of sewer shall be laid by 30.06.2021.

To address the issues relating to industrial effluent of these towns, Industries Department of Haryana has got a survey done to explore the possibility of shifting the industrial units of these towns to some designated places. And, the Industries Department has taken up the issue with PHED seeking the details of discharge and land for CETP, besides deciding to engage IIT Roorkee to take up a study of sewerage system of Jagadhri and Yamuna Nagar towns to suggest what can be done to treat the mixed discharge. The team from IIT Roorkee has already conducted the field visits for the feasibility studies and sent a report in December 2020, which has recommended a few options (shifting of industries from residential area or to collect the discharge from industries operating in the residential areas and to treat the same in CETP at some isolated place or to upgrade the existing STPs into CETP) and the same is under consideration of the State Government.

The same may kindly be taken on record please.

- RYMC has observed that in Sonapat, none of 4 CETPs and 3 STPs is functioning properly.

In this regard, it is submitted that, in case of 2 STPs in Municipal Corporation, Sonapat, maintained by ULBD, the trunk sewer line was settled down due to which the whole sewage is not reaching to the STPs and STPs are not functional with the full capacity. The work of replacement of trunk sewer line is in progress and likely to be completed by 30.06.2021. The remaining STPs in Sonapat are presently functioning properly, as corroborated by the recent analysis reports of HSPCB.

As far as the 4 CETPs (with a total capacity of 25.2 MLD), which belong to HSIIDC are concerned, it is submitted that HSIIDC is in the process of upgrading the same and they would be in a position to treat 48 MLD after upgradation. The upgradation of Kundli CETP (4 to 10 MLD) will be completed by 31.12.2021 and works of CETPs in Rai (5 to 10 MLD), Barhi (16 to 26 MLD) and Murthal (0.2 to 2 MLD) are expected to be completed by April 2022.

- RYMC has observed that, presently, no STP is functional in Faridabad.

In this regard, it is submitted that the machinery of STP at Badshahpur is being replaced and shall be functional by 30.04.2021. There are 5 STPs under construction, with a capacity of 227.5 MLD and these will be completed by 31.12.2020 (7.5 MLD at Faridabad by HSVP), 31.07.2021 (10 MLD at Faridabad by ULBD), 30.06.2022 (30 MLD at Faridabad by HSVP), 02.11.2022 (100 MLD at Partapgarh by ULBD) and 02.11.2022 (80 MLD at Mirzapur by ULBD) respectively. The Municipal Corporation of Faridabad is planning to start phyto remediation from April 2021, till the commission of all these STPs.

- RYMC has reported that the timelines of 15 STPs which are under construction or upgradation need to be firmed up to prevent discharging untreated sewage to River Yamuna and urgent upgradation / replacement is required in 2 existing STPs of Rohtak (40 MLD) and Bahadurgarh (18 MLD) to reduce the pollution load in Drain No.6 and KBC – Mungeshpur drain respectively.

In this regard, it is submitted that, the upgradation work of 4 STPs is underway and same shall be completed by 31.03.2022. The progress of all these STPs is enclosed as **Annexure-R-I**. It is further submitted that the progress has been delayed in some of the STPs mainly due to COVID pandemic related issues and ban on construction activities taken up for prevention of air pollution, as directed by EPCA last year. The State is committed to firm the timelines as advised by RYMC and the progress will be monitored regularly both at Departmental level as well as at Chief Secretary level.

- RYMC has reported that 7 new CETPs have not started their construction in Faridabad, Gurugram and Yamuna Nagar, which will be discharging 131.25 MLD of industrial effluent in River Yamuna.

In this regard, it is submitted that 3 CETPs in Faridabad shall be constructed by the State Urban Local Bodies Department, the work of which shall start by 30.06.2021 and will be completed by 31.03.2023. In Gurugram, the 2 CETPs are getting commissioned through ULBD/GMDA and the State is committed to complete the same within the shortest possible time.

As informed earlier, to address the issues relating to industrial effluent of these towns, Industries Department of Haryana has got a survey done to explore the possibility of shifting the industrial units of these towns to some designated places. And, the Industries Department has taken up the issue with PHED seeking the details of discharge and land for CETP, besides deciding to engage IIT Roorkee to take up a study of sewerage system of Jagadhri and Yamuna Nagar towns to suggest what can be done to treat the mixed

discharge. The team from IIT Roorkee has already conducted the field visits for the feasibility studies and sent a report in December 2020, which is under consideration of the State Government. This report has recommended a few options (shifting of industries from residential area or to collect the discharge from industries operating in the residential areas and to treat the same in CETP at some isolated place or to upgrade the existing STPs into CETP) and the same is under consideration of the State Government

- RYMC has indicated that out of 24 STPs inspected in the Yamuna catchment towns, 16 STPs were found to be having operational deficiencies and were not complying the standards. RYMC has therefore concluded that the status given by the line Departments were incorrect and officers of HSPCB have not performed their duties.

In this regard, it is submitted that the matter has been taken up with all Departments concerned and the deficiencies have been directed to be rectified. HSPCB has also started monthly monitoring of all STPs now along with the regular checking of the status of these treatment plants through Online Monitoring Devices. As per the recent inspections conducted by HSPCB, 10 STPs have improved the position and 6 are still non-complying. GMDA has attended to the operational deficiencies indicated and the STP of 68 MLD at Dhanwapur needs minor modifications which will be completed by 31.03.2021. And for 2 STPs with a capacity of 100 MLD at Dhanwapur (which is non-complying), and 120 MLD at Behrampur (complying, as per latest reports), estimates have been accorded and administrative approval amounting to Rs. 27.30 Cr and 33.11 Cr respectively by the Government and the works will be completed by 31.12.2022. Action has been initiated against the remaining failing STPs and the officers concerned. The detailed status of action taken for each STP is attached as **Annexure-R-2**.

- RYMC has reported that 12 CETPs, established in the Yamuna catchment area, are non-complying. It has also observed that HSIIDC is constructing the CETPs without considering the effluent characteristics of the industries operating in the industrial estates, which is the sole reason for poor efficacy of the treatment plants.

In this regard it is submitted that the deficiencies indicated by RYMC have been attended to by HSIIDC, and it has improved the efficiency of the plants by ensuring a proper chemical dosing system and sludge disposal system. Further, HSIIDC has also got the efficacy of these CETPs checked from IIT Delhi and is implementing the suggestions given by the Institute. Recent inspections conducted by HSPCB indicate the compliance status of the CETPs, the details of which have been annexed as **Annexure-R-3**.

- RYMC has observed that the progress of construction and operationalization of Sewer Conveyance Network (645 Km) is very slow and in the absence of sewage conveyance systems, the capacity of the existing STPs is unutilized, especially in Panipat and Sonapat towns. RYMC has also indicated that the impact on pollution containment is poor and untreated effluent is being discharged to River Yamuna through Drain No.1 and 6.

In this regard, it is submitted that the Urban Local Bodies Department of Haryana is laying the sewer lines at a length of around 1,382 Km in 8 Municipalities namely Faridabad, Panipat, Sonapat, Rohtak, Karnal, Yamunanagar-Jagadhari, Bahadurgarh and Palwal under the AMRUT Scheme. Out of this target, around 928 Km sewer line has already been laid and the work in the above said towns (except Panipat and Palwal towns) is likely to be completed by 30.06.2021. In case of Panipat, due to enhanced scope of work from 1,15,197m to 2,11,457m of sewer line, construction of 3 IPS and 3,751 m of sewer line by trenchless technology method, the work of is expected to be delayed. Now, the scope of work has been further increased from 2,11,457 m to 2,56,000 m due to further regularization and the Government is committed to get the task completed at the earliest.

Furthermore, in 2019, due to ban of construction activities by EPCA and Hon'ble Supreme Court of India from 01.11.2019 to 14.02.2020 in NCR areas, the works got delayed for 106 days. Following this period, the work got delayed by another three months due to Covid-19 pandemic, due to lock down issues, non-availability of labour and availability of necessary equipment. All these are the reasons for the delayed work in Panipat town and the task is now likely to be completed by 31.03.2022.

Similar reasons are applicable in case of Palwal also, where the work is likely to be completed by 31.07.2021. In case of Sonapat, where the work of replacement of settle trunk sewer line is taken up, it is submitted that there are many encroachments along Drain No.6, from where the sewer line is to be replaced. Considering the field conditions, MC is now laying this sewer line through trenchless technology which has slowed down the work further besides the above reasons. The work will be completed by 30.06.2021.

Further, the Urban Local Bodies Department has made a plan to tap / divert 84.14 MLD of effluent at 155 locations in Yamuna catchment area, out of which 41.42 MLD effluent has already been diverted at 73 locations. The work to divert the sewage of unapproved colonies at 65 locations is under progress. Further, the 12 points having discharge of 13.50 MLD in Panipat where the work has not been started yet, were falling in the unapproved area, but the State has now approved the same and accordingly, a DPR and DNIT amounting to Rs. 97.00 Cr for laying of sewer line and construction of STPs in these colonies has been approved by the Government under the AMRUT Scheme and tender for the same has been floated on 07.12.2020 and last date of bid submission is 06.01.2021. ULBD has already the work of 2 locations in Ganaur which will be completed by 30.06.2021 and the work of 3 locations in Sonapat are yet to be started and as informed earlier, there are issues relating to encroachments in these areas and the Department is laying the sewer line through trenchless technology, and hence the work is delayed, but will be completed by 30.06.2021.

- RYMC reported that Septage management is not being followed in major townships of Haryana, which is adding significant pollutants to River Yamuna and there is a huge gap between quantum of untreated effluent and the effluent treated through septage management.

In this regard, it is submitted that the Septage Management Policy has been formulated by the ULB Department and has been adopted by all ULBs. A total number of 242 tankers have been registered and deployed in the ULBs of Yamuna catchment area. Monthly progress of such septage lifted is being monitored at Departmental level and at the level of Chief Secretary in the Review Meetings. During the month of October 2020, a quantum of 66 MLD of septage/untreated sewage was transported through tankers and treated in STPs. Further, special drives are being directed to be conducted at District level against tankers which are discharging the untreated effluent illegally in drains / river, and during the last six months (since June 2020), 265 such illegal tankers have been challaned by various Municipal Corporations and an amount of Rs.68,20,500/- has been collected as penalty. It has also been directed by Chief Secretary during the recent review meeting that special drives be conducted against such illegal discharge at District level by DCs.

- RYMC has observed that the online monitoring devices have not been calibrated regularly and therefore do not reflect the actual status of treatment and HSPCB does not have any mechanism to verify the authenticity of data received and to take cognizance of any reported violations.

In this regard, it is submitted that HSPCB has made it mandatory for all the medium and large scale water polluting industries in the Yamuna River catchment area to install the online monitoring devices, failing which the Consent to Operate shall not be granted. This has also been implemented successfully now and these devices have been connected to the servers of both CPCB and HSPCB. To monitor these devices, HSPCB has set up a Monitoring Cell in its Head Quarters and the units are monitored for exceedance of different pollutant levels, delays of transmission, off line modes and non-connections. The details are being shared with Regional Officers of the Board for physical checking of the devices, selectively based on the severity of the reports. Regional Officers have also been directed to check the functioning / calibration of these devices during their inspections and report. Further, Chief Secretary has also directed the line departments to establish such monitoring cells at their head quarters, after taking necessary access from the Board, to ensure their self regulation.

- RYMC has indicated that the discharge from drain No.6 and channel carrying effluent from Kundli CETP into Diversion Drain No.8 at Sonapat is regularly affecting the drinking water treatment plant at Wazirpur due to higher BOD and Ammonical nitrogen concentration. RYMC has suggested for fast track approvals for establishment of the conduit to carry the effluent separately, ensuring non-mixing of the same.

In this regard it is submitted that, the closed conduit pipeline has been approved by the State and the treated effluent shall be carried through closed conduit. HSIIDC has already transferred Rs. 6.59 Cr to Irrigation Department for construction of closed conduit pipeline for discharge of treated effluent from CETP Kundli to avoid mixing of water of DD No. 8 in Sonapat. A meeting has already been convened at the level of Chief Secretary with Departments of Irrigation, ULBD, Industries and Finance to finalize the individual contribution of every Department for the project and tenders have been decided to be called by Irrigation Department. The work is expected to be completed by 31.05.2021.

- RYMC has informed that around 75-100 MLD of untreated effluent are still flowing in storm water drains of Leg I, Leg II and Leg III (Badhahpur drain) due to slow progress in diversion of effluent to STPs and has expressed its concern over the extension of timeline for completion of diversion from time to time.

In this regard it is submitted that under GMDA informs that while the domestic sewage is generated to the tune of 430 MLD, there is a capacity of 428 MLD (388 MLD with Government Treatment Plants and 40 MLD with colonizers), with a capacity utilization of around 310 to 330 MLD, leaving currently around 49 MLD of untreated effluent in Yamuna. This quantum may vary due to seasonal as well as daily variation and increase from 50 to 80 MLD. With the proposed STPs of 161.50 MLD, though all the Departments concerned committed themselves to plug the discharge of untreated sewage storm water by 31.12.2020, due to Covid-19 issues, the construction of STPs are getting delayed and will be completed by 2021 and 2022, as indicated in the **Annexure R4**, and the issue is expected to be resolved by then.

- In response to the observations of RYMC regarding maintaining the environmental flow of 10 cumecs (353 cusecs) in River Yamuna and compliance of the provisions of report submitted by National Institute of Hydrology (NIH), it is submitted that the State is already releasing 10 cumecs of Yamuna water from Hathni Kund Barrage on daily basis which was to be released after construction of upstream storages dams as per MOU of year 1994. Further this 1994 MoU can be revisited after 2025 if any of the partner States so desire. However, the recommendation of NIH are nearly 300% of the existing e-flow of 10 cumecs and the State is completely in disagreement with the recommendations of NIH to increase the quantum of e-flow as the implementation of the above proposal shall cause environmental disaster in Haryana. It is further informed that the matter has already been taken up by the State with the Ministry of Jal Shakti, Government of India to not to accept the report of NIH in this regard.

- In response to the observation of RYMC that the construction work of new STPs is very slow and may not be completed by 31.12.2020, it is submitted that 8 STPs of 33.5 MLD shall be completed by 31.12.2020, 2 STPs of 13 MLD shall be completed by 31.03.2021, and 12 STPs of 117.5 MLD shall be completed by 31.12.2021. Further 4 more STPs of 225 MLD shall be completed by 30.06.2022 and the details of all these STPs have been provided at **Annexure R-5**

- Similarly, in response to the observation of RYMC that the diversion of sewage from non-conforming areas cannot be completed until the construction of Sewerage Conveyance System of conforming area is complete and operationalized and therefore action should be expedited for the same, it is submitted that the sewers are being laid and simultaneously the sewage from unapproved areas is also being intercepted to carry it to existing STPs. As

informed earlier, due to Covid-19 epidemic the work was stopped from the end of March 2020 to May 2020 and the works were also delayed due to the non-availability of labour. The detail of status of laying of sewer lines in approved areas and interception of sewage from unapproved areas is attached as **Annexure-R-6 and R-7** respectively.

- RYMC has observed that the water quality and flow of 11 major drains are being monitored by HSPCB and Regional officers are not effectively monitoring the quality. In this regard, it is submitted that the water quality and flow of all major 11 drains are being monitored by HSPCB and Irrigation Department and the details have been enclosed as **Annexure-R-8**.

- RYMC has made an observation that the work of diversion and treatment has been completed in only 24 villages and the work is held up due to non-availability of funds. In this regard, it is submitted that, as per the latest status, out of the total 277 villages, the works have been sanctioned in 268 villages and got completed in 24 villages. There is no discharge at 9 villages. It is also submitted that the work shall be completed by 31.03.2022 in these villages.

- Regarding RYMC's observation on the non-receipt of the quarterly progress report for monitoring the stand alone ETPs installed in 800 industries operating in the catchment area of River Yamuna of industries, it is submitted that the decision on the same was taken in the meeting of January 2020 and following the lock down, since many industries were closed down and no inspection could be done, the data could not be sent for the first two quarters. However, the data for 3rd quarter was submitted along with status report and report for the 4th quarter shall be submitted within the due date.

- RYMC has observed that there are 214 private residential colonial condominiums in Yamuna Catchment generating around 82.1 MLD of sewage these condominiums are required to achieve Zero Liquid Discharge and the same is not being enforced by HSPCB.

In this regard, it is submitted that the Regional Officers of HSPCB have been given directions to check the compliance conditions of all colonies through special drives and the status and details of actions initiated shall be shared with RYMC.

- With regard to the observation of RYMC advising the State to formulate a policy on crop diversification, it is submitted that the State has already formulated the crop diversification policy and farmers are being persuaded to

switch to crops other than paddy. During 2020-21, an area of 38,612 Ha has been diverted in the State. Further, with regard to the observation of RYMC on reutilization of treated effluent / sewage water, it is informed that the State has already notified the Reuse of Treated Waste Water Policy on 30.10.2020 and is in the process of preparing projects for reutilization of waste water and CADA has already prepared 3 projects for using the treated water from 3 STPs of Ladwa, Shahbad and Pehowa. Irrigation Department has prepared a project for re-use of treated water from a 30 MLD STP at Jattal Road of Panipat.

- In response to RYMC's observation that no significant work has been started in the State with regard to Phyto-Remediation, it is submitted that ULB Department has started bio/phyto remediation works in the drains in Municipal Corporation, Yamuna Nagar – Jagadhri, as a pilot project, which will be replicated at other places. Municipal Corporation of Sonapat has also invited tenders for the bio/phyto remediation of drains. Similarly, Municipal Corporations of Gurugram and Faridabad are in the process of preparing the proposals for bio/phyto remediation. Municipal Corporation of Panipat has already floated the tenders for the process in their jurisdiction. GMDA has also initiated a pilot project as an interim treatment for untreated discharge of Leg I via geo-synthetic dewatering tubes in consultation with CPCB. PHED has undertaken the *in-situ* phyto/bio remediation in its new STPs at Indri and Beri. Chief Secretary, during the review meeting held, has also directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation.

- With regard to the observation of Environmental Compensation, it is informed that the State Pollution Control Board has been imposing environmental compensation on all the violating units in the State and till November 2020, an amount of Rs. 300 Cr. has been imposed by the Board and an amount of Rs. 4.67 Cr. has been collected. In this regard, it is also informed that the Board is also in the process of imposing EC for untreated effluent in drains / STPs and Chief Secretary has taken up the matter with individual administrative Secretaries for taking action against the erring officers.

Annexure-R-1

Status of upgradation of STPs in the catchment of river Yamuna

Sr. No.	Name of town/city	Deptt.	Present/ Propsed capacity after upgradation (in MLD)	Technology of present STP and proposed tehcnology after upgradation	Timelines as per NGT/ Revised Timelines	Latest progress upto November, 2020	Remarks
1	Indri	PHED	1.5/4	Oxidation pond/SBR	31.03.2021	85%	The work got delayed due to outbreak of COVID-19 pandemic and shortage of labour after Lockdown. The work will be completed upto 31.03.2021. However, at present the sewage is being treated through existing STP based on oxidation pond and thereafter phyto remediation has been done.
2	Beri	PHED	2/3	Oxidation pond/SBR	31.12.2021	15%	The work got delayed due to non availability of land for construction of IPS. The land was made available by MC Beri in the campus of Civil Hospital, Beri during January 2020. The work was further delayed due to shortage of labour

Sr. No.	Name of town/city	Deptt.	Present/ Proposed capacity after upgradation (in MLD)	Technology of present STP and proposed technology after upgradation	Timelines as per NGT/ Revised Timelines	Latest progress upto November, 2020	Remarks
							due to outbreak of COVID-19 pandemic. The work will be completed upto 31.12.2021. However, at present the sewage is being treated through existing STP based on oxidation pond and thereafter phyto remediation has been done.
3	Sector-25, Rohtak	HSVP	10/10	UASB/SBR	30.06.2022	15%	-
4	Sector-36, Bahadurgarh	HSVP	10/10	EPA/SBR	30.06.2022	10%	-
Total capacity			23.5/27				

Annexure-R-2

Latest Status of STPs inspected by Haryana Yamuna Monitoring Committee

Sr. No.	Name and Address of STP	Compliance status	Action taken report
1	45 MLD STP at Badshahpur Faridabad ULBD	Non-Complying vide A/R No. 401 dt. 03.12.2020	Prosecution filed by HSPCB. Further, Environmental Compensation is being imposed.
2	36 MLD STP at Najafgarh road, Bahadurgarh. PHED	Complying vide A/R No. 896-897 dt. 03.11.2020	-
3	18 MLD STP Linepar, Bahadurgarh PHED	Non-Complying vide A/R No. 1223-1224 dt. 06.12.2020	DNIT under preparation for modification.
4	10 MLD STP at Beri Road, Bahadurgarh HSVP	Complying vide A/R No. 912-913 dt. 06.11.2020	-
5	50 MLD STP, at Dhanwapur Gurugram GMDA	Complying vide A/R N. 1231-1232 dt. 07.12.2020	Minor modification required which will be completed by 31.03.2021.
6	68 MLD STP at Dhanwapur Gurugram GMDA	Non-Complying vide A/R No. 1048 dt. 04.11.2020	
7	100 MLD STP at Dhanwapur Gurugram GMDA	Non-Complying vide A/R No. 1229-1230 dt. 07.12.2020	Estimates accorded and administrative approval amounting to Rs. 27.30 Cr. accorded and work will be completed by 31.12.2022.
8	120 MLD STP at Behrampur Road, Gurugram GMDA	Complying vide A/R No.1240 dt. 07.12.2020	Estimates accorded and administrative approval amounting to Rs. 33.11 Cr. accorded and work will be completed by 31.12.2022.
9	50 MLD STP at Behrampur Road, Gurugram GMDA	Complying vide A/R No.1239 dt. 07.12.2020	-
10	09 MLD STP at Hodal PHED	Complying vide A/R No. 418 dt. 21.12.2020	Estimates under preparation for renovation of STP for blower and recouping MBBR media.
11	09 MLD STP at Palwal PHED	Complying vide A/R No. 373 dt. 07.11.2020	-
12	20 MLD & 25 MLD STP at Radaur Road, Yamuna Nagar, PHED	Complying vide A/R No. 4414-15 dt. 02.12.2020	-
13	10 MLD STP at Baddi Majra,	Complying vide A/R No.	-

Sr. No.	Name and Address of STP	Compliance status	Action taken report
	Yamuna Nagar PHED	4416 dt. 02.12.2020	
14	24 MLD STP at Jagadhari, Yamuna Nagar PHED	Complying vide A/R No. 4417 dt. 02.12.2020	-
15	30 MLD STP at Rathdana Road, Sonapat by ULB	Non complying	Environment Compensation is being imposed.
16	25 MLD STP at Kakroi Road, Sonapat by ULB	Non complying	Environment Compensation is being imposed.

Status of existing CETPs in the catchment of river Yamuna

Sr. No.	Name of CETP	Capacity in MLD	Dept	Existing/Under construction /proposed	Compliance status
1	IE Rai, Sonapat	5	HSI IDC	Existing	Complying as per A/R 2784 dt. 01.06.2020
2	IE Barhi, Sonapat	16	HSI IDC	Existing	Complying as per A/R 3428 dt. 04.08.2020
3	IE Kundli, Sonapat	4	HSI IDC	Existing	Complying as per A/R 4096 dt. 27.10.2020
4	IE Murthal, Sonapat	0.2	HSI IDC	Existing	Complying as per A/R 3430 dt. 04.08.2020
5	IMT Rohtak	10	HSI IDC	Existing	Complying as per A/R 918 dt. 06.11.2020
6	IE Kutana, Rohtak	3	HSI IDC	Existing	The sample of 3 MLD CETP, Kutana, I.E. Rohtak could not be collected as the CETP is non operational and have not obtained CTE/CTO from the board.
7	IE Panipat Refinery Complex, Panipat	2.5	HSI IDC	Existing	Could not be made functional, due to non availability of sufficient effluent
8	HSI IDC Sector 16-17, Bahadurgarh	12.5	HSI IDC	Existing	Complying as per A/R 892 dt. 03.11.2020
9	IMT faridabad	10.5	HSI IDC	Existing	Complying as per A/R 387 dt. 18.11.2020
10	IMT Manesar, Gurugram	55	HSI IDC	Existing	Complying as per A/R No. 1249 dated 07.12.2020
11	Sector-29, Panipat	21	HSVP	Existing	Complying as per A/R 4250 dt. 12.11.2020
12	Sector-29, Panipat	21	HSVP	Existing	Complying as per A/R 4261 dt. 12.11.2020
	Total	160.7			

ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO. I

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Status of Action Plan
1	GMDA	At Cyber Park near Under pass towards Sikanderpur	02	Achieved	
2	GMDA	Near Rapid Metro Pillar 92 Near NH-8 Culvert	2.5	Achieved	
3	GMDA	Near Furniture Market, Mehrauli Road, Sikanderpur	1.5	Achieved	
4	MCG	At Sikanderpur Village	0.3	Achieved	
5	MCG	Near Railway Culvert No. 47, PalamVihar	2.6	31.12.2021	75 % work completed by M/s SantKripa Infra Tech Pvt. Ltd. against agreement amount Rs.225.60 lakhs for laying of sewer line and to connect with 20 MLD STP being proposed at Village Jahazgarh. DPR had been prepared and Administrative approval to the work of construction of 20 MLD STP at Jahajgarh amounting to Rs 32.08 cr has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work got delayed owing to the following: 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. Now, work is in progress and is likely to be completed by 31.12.2021
6	MCG	Near New Cambridge Public School, Choma Road, New PalamVihar	2	31.12.2021	
7	MCG	Near Mother Dairy, PalamVihar	0.7	Achieved	
8	MCG	M/s Sea Hawk, Udyog Vihar, Sec- 18	0.5	Achieved	
9	MCG	Nagarro Building, Plot No. 36, UdyogVihar, Sec-18	0.7	Achieved	
10	HSI IDC	Green Belt near NH-8 UdyogVihar	1.5	Achieved	
11	HSI IDC	Rao market UdyogVihar, Sec-18	0.5	Achieved	
12	MCG	Locations under Box Type Storm Water Drain	0.4	31.12.2021	A committee of GMDA/MCG /HSI IDC/HSPCB has been constituted to resurvey the SWD for tracing the connections time to time. 1. Work got delayed due to no progress during COVID-19

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Status of Action Plan
					Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
13	MCG	Sewage of village Mullahera connected in Green Belt, Sec- 22	01	Achieved	
14	MCG	Sewage of Village Dundahera connected with storm water on Old Delhi Road	01	31.10.2021	Work has been started after unlock COVID- 19 and 25% work executed. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
15	Panchayat Deptt/ GMDA	Bajghera	1	31.12.2021	The estimate for construction of STPs of capacity 2 MLD at Bajghera has been framed amounting to Rs. 7.58 Cr. Respectively and Administrative approval to the work has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work has been allotted in Sept, 2020 and is in progress. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration

Sr. No.	Responsible Department	Location where waste water falls into Leg No.-I	Discharge in MLD	Target Date	Status of Action Plan
					of labour to their native places. The work is not at his full-fledged routine till now.
16	MCG	SWD Connection, near Red Rose Public School & RlyTrack, PalamVihar.	4	Achieved	
New points identified in Oct 2020					
17	MCG	Sec 23 & 23A near tubewell no. 1	01	31.12.2020	Connection detected during site visit on 8.10.2020.
18	MCG	Near Rezagla chowk	01	31.12.2020	Connection will be disconnected by MCG till 30.08.2021
19	HSIIDC	Near Plot No. 421 Phase IV, Udyog Vihar	01	31.12.2020	1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
		Total	25.20		

Discharge diverted- 15.20 MLD

Balance discharge to be diverted/treated- 10 MLD

ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO.II

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. II	Discharge in MLD	Target Date	Status of Action Plan
1	GMDA	DLF phase-IV in-front of H.No.6510	1.5	Achieved	
2	MCG	Sukhrali& MDI	2	Achieved	
3	MCG	M. R Motor at Mata Road	0.5	Achieved	
4	MCG	Plot No.999, Mata Road NearKatariaChowk	0.5	Achieved	
5	MCG	Invitation Garden at Mata Road	0.2 5	Achieved	
6	MCG	Near Mata Temple near Village Gurugram	0.2 5	Achieved	
7	MCG	Satija Steel near petrol pump	0.0 1	Achieved	
8	MCG	Akshi Sweets near petrol pump	0.0 1	Achieved	
9	MCG	Near GAV Academy Gate (Sheetla Colony)	02	Achieved	
10	MCG	Pet Zone Mata road	0.1	Achieved	
11	MCG	Prince Vatika Mata Road	0.1	Achieved	
12	MCG	Dream Garden	0.1	Achieved	
13	MCG	Shop No.28 at Mata Road	0.0 1	Achieved	
14	MCG	Shop No. 18 & 19	0.0 1	Achieved	
15	MCG	Near Sector-5 Chowk	1	Achieved	
16	MCG	Near Sheetla Clinic	2	Achieved	
17	MCG	Tee Junction carrier and master SWD opposite Petrol Pump	2	Achieved	
18	MCG	BhimgarhKheri	2	30.06.2021	Connection detected during site visit on 8.10.2020. Connection will be disconnected by HSIIDC till 30.06.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
19	MCG	PalamVihar C-2 Block	3	Achieved	
20	MCG	Near PalamVihar	0.5	Achieved	

21	MCG	Sarai Alawardi	0.6	31.08.2021	90% work completed for construction of Standalone STP, work has been started again and will be completed before 30.08.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
22	MCG	Jahajgarh Village	1.5	31.12.2021	The sewage of Sectors 102 to 115 shall be treated at proposed 20 MLD STP at Jahajgarh for which sufficient land is already available with MCG. The work is likely to be completed by December, 2022. DPR had been prepared and Administrative approval to the work of construction of 20 MLD STP at Jahajgarh amounting to Rs 32.08 cr has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work has been allotted in Aug,2020 and is in progress. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
23	Panchayat Deptt	Dharampur Village	0.5	Achieved	Waste water of village connected to STP of Clearlon Experts Pvt. Ltd. as per email dt 10.12.2020 by Panchayat Deptt.
24	MCG	Locations under Box Type Storm Water Drain	0.4	31.12.2021	A committee of GMDA/MCG /HSIIDC/HSPCB has been constituted to resurvey the SWD for tracing the connections time to time. Some of the connections detected on 8.10.2020 and added to the list 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post

					lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
25	GMDA	Surbhi&Navyug Co-operative Society Sec-43	1	Achieved	
26	GMDA	Near entry of Gold Souk Sec 43	0.5	Achieved	
27	GMDA	Surya Society	1	Achieved	
28	GMDA	Near Park Sector 43	1	Achieved	
29	GMDA	Power Grid, Sector 43	0.5	Achieved	
30	GMDA	Unitech trade centre	0.5	Achieved	
31	GMDA	In front of children clinic DLF-IV	0.5	Achieved	
32	MCG	Sewage of Ashok Vihar	5	Achieved	
33	MCG	SWD of size 1x1 connected in Leg-II, near round about sector-5 on PalamVihar Road.	2	Achieved	
New points identified in Oct 2020					
34	MCG	Sec 27 near vyapar kendra	1	31.12.2020	Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG till 30.06.2021. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
35	MCG	Sukhrali near MDI Chowk	1	31.12.2020	
36	MCG	Near MR motors, Kataria Fitness centre and near plot no.999	2	31.12.2020	
		Total	36.84		

Discharge diverted- 28.34 MLD

Balance discharge to be diverted/treated- 8.5 MLD

ACTION PLAN FOR CONTROLLING AND TREATMENT OF DISCHARGE IN LEG NO.III

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
1	MCG	VatikaChowk, Badshahpur	7.5	Achieved	
2	GMDA	Village Tikri	0	Achieved	
3	RO HSPCB (South)	Industrial discharge of Industries (Setup through C LU) Sector-34 and adjoining area (RO, HSPCB)	0	Achieved	
4	MCG	NaharpurRoopa& unapproved area Rajiv Colony, Nitin Vihar, Hans Enclave etc.	4	31.04.2021	Out of 04 No.connections:- 02 Nos Connections of NaharpurRupa and Nitin Vihar have been connected with master sewer. Work for balance 02 Nos connection of Hans Enclave, Rajiv Colony is in progress. Work was held up due COVID-19 lockdown, which has been restarted and will be completed before 31.03.2021.
5	MCG	Discharge through RCC Drain of MCG Coming from AnajMandi to culvert at NH-8/ MohammadpurJharsa/ Narsinghpur	2	31.12.2021	The work of construction of 02 MLD STP at MohammadpurJharsa is in progress, 30% work completed. Work held up due to COVID 19 lockdown The discharge of Village Narsinghpur&AnajMandi will be diverted through newly proposed MPS at Village Khandsa into sewerage system 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
6	MCG	RCC Drain of MCG Village Khandsa	2	31.12.2021	The work has been awarded to the agency, started and will be completed before 30.12.2021. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
					in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
7	RO HSPCB	Industrial discharge of Industries (setup through CLU) flowing through kachcha drain merging into RCC Box drain near Plot No.756, Sector- 37(RO,HSPCB)	0	Achieved	
8	MCG	Discharge coming from Village GadauliKalan through drain of MCG	1.35	30.06.2021	Work of construction of 01 MLD STP at Gadauli Kalan is in progress under AMRUT scheme & 90% work completed. Work was held up due to COVID-19 lockdown, which has been restarted and completed before 30.06.2021.1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
9	Rural Development and Panchayat Department	Discharge from Village Dhankot	0.5	30.12.2021	Proposal had been submitted by Panchayat Raj Department to install STP. As Panchayat Raj Department doesn't has technical expertise, it has been decided that GMDA would execute the work as deposit work. The estimate for construction of STPs of capacity 2 MLD at village Dhankot has been framed amounting to Rs. 8.11 Cr and Administrative approval to the works has been accorded by GMDA Authority during the meeting held under the Chairmanship of Chief Minister, Haryana on 16.3.2020. Work has been allotted in Sept, 2020 and is in progress. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now
New Points					
10	GMDA	Culvert of SPR Sector-57(CGHS-1 Society)	7	Achieved	

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
11	MCG	Village Ghata	3.4	Achieved	
12	MCG	Wazirabad	2	Achieved	
13	MCG	FazilpurJharsa	1.5	Achieved	
14	MCG	Village Islampur	4	Achieved	
15	MCG	Sector- 33 & 34	4	Achieved	
16	Panchayat	Khoh	0.5	Achieved	
17	Panchayat	Bas Khussla	0.25	Achieved	
18	Panchayat	Kasan	3.5	Achieved	
19	PHED	Manesar	2.5	31.12.2020	Work is in progress & 20 % work completed, but work held up due to nongranteeing of permission by NHAI for laying service along and crossing NH-8 which is under process and still awaited. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
20	PHED	NaharpurKasan	3.85	31.08.2021	Work is in progress and 90 % work of sewer line is completed. Permission from HSIIDC was required which has now been obtained, however, work is being held up due to COVID 19. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
21	HSIIDC	Sector-1 Manesar	0.5	Achieved	
22	MCG	Sihi&KherkiDaula	2	Achieved	
23	GMDA	Locations under Box Type Storm Water Drain	2	30.12.2021	A committee of GMDA/MCG/HSIIDC/HSPCB has been constituted to resurvey the SWD for tracing the connections time to time 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
24	HSVP/ GMDA	In-front of main gate of STP Behrampur (N 28025'11", E7702'0")	1	31.12.2020	Connection disconnected.
25	HSVP/ GMDA	At Marble Market, Sector 34, side by SKN CNG Pump Station, SubhashChowk to Hero Honda Chowk Road (N 28025'43", E 7701'15")	1	31.12.2020	Achieved
26	HSVP	Badshahpur Drain near M/s V&S, Behrampur Road, Gurugram (N 28036'10.216", E76087'42.122")	2	Achieved	
27	MCG	Near Village –Basai (N 28047'069", E 76096'211")	0.5	Achieved	
28	HSI IDC	Near CETP Manesar on HSI IDC open drain (N28o22o47.0982", E76o55'11.757")	-	Achieved	
29	GMDA	SaraswatiKunj (Wazirabad Bundh)	2	Achieved	
30	GMDA	SaraswatiKunj (Wazirabad Bundh)	4	Achieved	
31	GMDA	SaraswatiKunj (Wazirabad Bundh)	2.5	Achieved	
32	GMDA	Illegal cottage type colony operated sh. surrender 9811210275 adjacent at STP Behrampur	0.5	Achieved	
33	GMDA	From HSVP storm water drain originating from Tikri Village passing SubhashChowk&Sohna road with further meeting to Badshahpur drain in front of STPBehrampur.	0.5	Achieved	

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
34	MCG	Illegal cottage adjacent to Leg- III at Tikri behind Unitech commercial project with having approx 250 cottage	0.5	Achieved	
35	MCG	New under construction plotted colony with sewer laid down to HSVP storm water drain passing over to Badshahpur Drain	0.5	Achieved	
36	HSVP/GMDA	Domestic effluent originating from nearby colonizers near Subhash Chowkis connected to SWD and further connected to Leg -III drain behind wine shops	0.5	Achieved	
37	MCG	From HSVP storm water drain originating from sector 30, 31, Jharsa, Islampur at Subhash Chowk to Hero Honda Chowk road near M/s HCG. CNG pump station, marble markets, Sec-34, Gurugram	0.5	Achieved	
38	MCG	From HSVP storm water drain originating from Hero Honda Chowk, Rajiv Chowk after Naharpur Rupa culvert at Sector 34 merging to Badshahpur Drain	0.5	Achieved	
39	MCG	Sewage waste from group of rooms made by advocate Tanwar side by bestech orient project adjacent to NH-48	0.5	Achieved	
40	HSVP	From Badshahpur drain after mixing of both HSVP storm water drain at NH-48, near Bestech	0.5	Achieved	

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
		Orient Project Gurugram			
41	MCG	Gandhi Nagar Area	0.5	31.12.2021	Connection to be disconnected. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now. Discharge will be diverted through newly proposed MPS to be constructed at Village Khandsa. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
42	MCG	Unauthorized colonies Basai Road	0.5	31.12.2021	
43	MCG	Unauthorized area near Umang Bhardwaj Chowk	0.5	31.12.2021	
44	MCG	Near NH-48 of Village- Khandsa	0.5	31.12.2021	
45	MCG	Near Shiv Mandir of Village- Khandsa	0.5	31.12.2021	
46	MCG	Near Shiv Mandir of Village- Khandsa	0.3	31.12.2021	
47	MCG	Near Carlton Overseas, Village- Khandsa	0.3	31.12.2021	
48	MCG	Near Socomec Pvt Ltd, Plot No. 758, Sec-37	0.5	31.12.2021	
49	MCG	Near Plot No. 970 of Sector 37, CETP	0.4	31.12.2021	
50	MCG	H Point of GMDA on Badshahpur Drain behind, Sector 37	0.2	31.12.2021	
51	MCG	Near Bus Stop at Village- Gadaulikalan/ Gadauli Khurd.	0.3	31.08.2021	The work in progress 70% work executed and will be completed before 31.08.2021. 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020.
52	MCG	Satguru Apartment plot No. GH 22, Sector- 52, Gurugram Latitude: 28 degree 25' 2" Longitude: 77 degree 04' 56.8"	0.1	Achieved	
53	GMDA	Mayfiled Garden, Sector-51, Gurugram Latitude: 28 degree 25'	0.1	31.12.2020	Connection needs to be disconnected and diverted by 31.12.2020. 1. Allotment of work got delayed due to no progress during COVID-

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
		31.2" Longitude: 77 degree 04' 56.8"			19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
54	GMDA	Gurugram University, Sector- 51 Latitude: 28 degree 25' 22" Longitude: 77 degree 04' 01.1"	0.1	31.12.2020	
55	GMDA	Master SWD on dividing road 40/45 Latitude: 28.449137 Longitude: 77.062592 Latitude: 28.448488 Longitude: 77.062493	0.1	31.12.2020	
56	GMDA	Master SWD on dividing road 48/33 Latitude: 28.4273239 Longitude: 77.0322031	0.1	31.12.2020	
57	MCG	Near Cyber park Sector-39 sewer line from Jharsa Master SWD on dividing road 39/46 Latitude: 28.444027 Longitude: 77.057877	0.1	31.08.2021	The work is in progress and will be completed by 30.04.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
58	MCG	Near Gate No. 5, Sector-46 sewer line from Sector- 46 Master SWD on dividing road 39/46 Latitude: 28.440542 Longitude: 77.054916	0.1	Achieved	
59	MCG	Near Gate No. 5, Sector-46 sewer line from Sector- 39 Master SWD on dividing road 39/46 Latitude: 28.440542 Longitude: 77.054916	0.1	31.08.2021	The work is in progress and will be completed by 30.04.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
60	MCG	Near Gate No. 1, Sector-38 sewer line from Sector- 38 Master SWD on dividing road 38/39	0.1	31.08.2021	labour to their native places. The work is not at his full-fledged routine till now.

Sr. No.	Responsible Department	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Status of Action Plan
		Latitude:28.437574 Longitude: 77.045448			
New points identified in Oct 2020					
61	MCG	Near Dairy farm, Gadauli culvert and 700 mtr from Gadauli culvert towards Leg-III downstream	1	31.06.2021	Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG till 30.06.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
62	MCG/HSI IDC	Plot no. 724. 737.957. 959 Sec 37 Pace City II	2	31.08.2021	Connection detected during site visit on 8.10.2020. Connection will be disconnected by MCG/HSI IDC till 31.08.2021 1. Allotment of work got delayed due to no progress during COVID-19 Lockdown from March 2020 to May 2020. 2. No progress during lockdown imposed in
63	MCG	Khandsa Village near anjana colony	1.1	31.08.2021	view of COVID-19. 3. Subsequent shortage of staff post lockdown due to migration of labour to their native places. The work is not at his full-fledged routine till now.
64	MCG	Near Sec dividing road 40/45 and 44/45	1	31.08.2021	
65	MCG	Near JMD garden Sohna road	1	31.08.2021	
		Total	83.35		

Discharge diverted- 51.35 MLD

Balance discharge to be diverted/treated- 32 MLD

Status of Construction of new STPs in the catchment of river Yamuna

Sr. No.	Name of town/city	Deptt.	Capacity (MLD)	Previous Timelines	Revised Timelines	Progress upto Nov, 2020
In Progress						
1	Baddi Majra, Yamuna Nagar	PHED	10	31.10.2020	31.12.2020	98%
2	Shiv Colony, Karnal	ULBD	8	31.12.2020	30.06.2021	66%
3	Phooshgarh, Karnal	ULBD	20	31.12.2020	30.06.2021	68%
4	Garhi Bohar, Rohak	ULBD	12	15.03.2021	30.06.2021	41%
5	Singhpura, Rohtak	ULBD	10	31.12.2020	31.03.2021	91%
6	Peer Bodhi, Rohak	HSVP	15	31.03.2022	31.09.2022	Reason are mentioned below
7	Sarai Alawardi	ULBD	1	31.08.2020	28.02.2021	98%
8	Gadoli Kalan	ULBD	1	31.08.2020	28.02.2021	96%
9	Baliawas (against Gwalpahadi)	ULBD	1	31.07.2020	28.02.2021	92%
10	Mohmadpur Jharsa	ULBD	2	31.12.2020	31.03.2021	90%
11	Darbaripur	ULBD	1	31.10.2020	28.02.2021	94%
12	Bandwari(Shifted from Sihi/Khedki Daula)	ULBD	1	31.03.2021	31.07.2021	22%
13	Faridabad	HSVP	7.5	31.12.2020	30.03.2021	87%
14	Faridabad, sector-21	ULBD	10	31.07.2021	31.12.2021	4%
15	Kithwari	ULBD	10	31.12.2020	31.07.2021	40%
16	Jodhpur Road, Palwal	ULBD	15	31.12.2020	31.07.2021	46%
17	Ferozpur, Palwal	ULBD	2.5	31.12.2020	31.07.2021	46%
18	Sonepat (Aterna)	HSVP	15	30.06.2021	31.12.2021	40%
19	Murthal Sonepat	ULBD	3	30.06.2021	30.06.2021	15%
20	Jhazgarh	GMDA	20	31.12.2021	31.12.2021	3%
21	Dhankot, Gurugram	Panchayats	2	30.09.2021	31.12.2021	Land has been provided by DDPO vide letter dt. 14.12.2020, however,

Sr. No.	Name of town/city	Deptt.	Capacity (MLD)	Previous Timelines	Revised Timelines	Progress upto Nov, 2020
						demarcation is yet to be provided by Dev. & Panchayats Deptt.
22	Bajghera	Panchayats	2	30.09.2021	31.12.2021	Land has been provided by DDPO vide letter dt. 14.12.2020, however, demarcation is yet to be provided by Dev. & Panchayats Deptt.
23	Rohtak	HSVP	10	31.12.2021	31.12.2021	10%
24	Mirjapur, Faridabad	ULBD	80	02.11.2022	30.11.2022	1%
25	Partapgarh, Faridabad	ULBD	100	02.11.2022	30.11.2022	1%
26	Faridabad	HSVP	30	30.06.2022	30.06.2022	4%
Total			389			
Work Completed						
1	Radaur Road Yamuna Nagar	PHED	20	30.09.2019	Completed	Completed
2	Baddi Majra, Yamuna Nagar	PHED	10	26.07.2019	Completed	Completed
3	Gharaunda	PHED	7	31.05.2019	Completed	Completed
4	RK Puram, Karnal	PHED	8	31.10.2019	Completed	Completed
5	Firozpur Jhirka	PHED	5	20.11.2019	Completed	Completed
6	Transport Nagar, Karnal	ULBD	50	31.08.2020	Completed	Completed
Total			100			

Peer Bodhi, Rohtak:- There was a land dispute due to which the work could not be started yet. Now the agency has agreed to procure the land at its own level for construction of STP. The agency has already identified the land having area approximate 3.15 acre and has also executed an agreement with the land owner on 07.10.2020. The soil testing of the land is being done the agency and work is expected to be started soon.

Annexure-R-6

Status of laying of sewerage in the approved areas in the catchment of River Yamuna

Sr. No.	Name of town	Deptt.	Timelines	Length to be laid (in meter)	Progress upto Nov, 2020	%age of work done	Remarks
In progress							
1	Beri	PHED	31.03.2021	8720	6000	68.80%	In progress
2	Yamuna Nagar Jagadhri	ULB	30.06.2021	109320	69900	63.94%	In progress
3	Palwal	ULB	30.06.2021	148700	89600	60.26%	In progress
4	Sonepat	ULB	31.12.2020	63500	46100	72.60%	In progress
5	Panipat	ULB	31.12.2021	211548	110000	52.00%	In progress
6	Rohtak	ULB	30.06.2021	174690	96140	55.03%	In progress
7	Ferozepur Jhirka	PHED	31.12.2020	4000	3750	93.75%	In progress
8	Punhana	PHED	31.12.2020	25839	24100	93.27%	In progress
9	Faridabad	ULBD	30.06.2021	450000	349000	77.56%	In progress
10	Karnal	ULBD	31.12.2020	152000	125000	82.24%	In progress
11	Bahadurgarh	ULB	30.06.2021	72000	32000	44.44%	Completed
12	Kharkhoda	PHED		-	1060	0.00%	Due to narrow streets, not possible to lay sewer and drains water diverted/ tapped inot nearby sewer.

Status of Interception of sewage in the catchment of river Yamuna

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
Yamunanagar						
1	1	Shanti Colony	ULBD	1.503	Mar-21	NOC has been issued by Irrigation department and work is in progress.
2	2	Yamuna Gali	ULBD	1	Mar-21	Work completed.
3	3	Oil Hamida, Near Sahanpur village	ULBD	2.025	Mar-21	Work of construction of 3 MLD IPS started and will be completed by 31.03.2021.
4	4	Buria and Dyalgarh	ULBD	2.5	Mar-21	The work of laying of sewer line for tapping of drain has been completed and construction of 3.6 MLD IPS is in progress and will be completed by 31.03.2021.
5	5	Main Nala coming from Jagadhri YNR	ULBD	0.5	Mar-21	There are many hurdles. unauthorized industry waste sewage connection in this nallah. Partially survey is conducted. As an interim measure, the work of Bio-remediation has been allotted and is likely to be started after monsoon.
6	6	Near Yamuna Bridge Buria village (Parwaloo STP)	ULBD	1	Mar-21	The tapping work is in progress and approximate 75% work completed. The work will be completed by 31.03.2021. As an interim measure, the work of Bio-remediation has been allotted and is likely to be started after monsoon.
7	7	Darwa village Dairy Complex	ULBD	0	Mar-21	Sanction for hiring of consultant for preparation for DNIT/tender document for Bio- Gas plant has been accorded DNIT is under preparation and will be submitted by the consultant within a week.
8	8	Nallah coming from railway workshop to Jorian Gurud wara Radaur road Nallah falling into	ULBD	1.25	Mar-21	Work has already been allotted to the agency on 01.08.2019. The work could not started due to blockage of existing sewer and Public Health Department has been requested to clear the blockage of the sewer. After cleaning of sewer line the work will be started by MC-YNR JGD. Now

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
		Ditch Drain				work started and will be completed by 31.03.2021. As an interim measure, the work of Bio-remediation has been allotted and is likely to be started after monsoon.
9	9	Azad Nagar	ULBD	1.503	Mar-21	Work started and will be completed by 31.03.2021.
10	10	Near Hamida village	ULBD	2.025	Mar-21	
11	11	Mamidi Village storm water to be connected ditch drain	ULBD	3	Mar-21	work completed
12	12	Jindal Park	ULBD	1.503	Mar-21	Work completed
		Total		17.809		
Rohtak						
13	1	Peer Mohodi Mohalla	ULBD	6	Jun-21	Diversion of sewage of unapproved colonies is already covered in septage management and policy is adopted by Municipal Corporation, Rohtak.
14	2	SherVihar Mohalla	ULBD	2	Jun-21	
		Total		8		
Sonepat						
15		ITI/Rohtak Bye-pass road to Kabirpur	ULBD	2.44	April-21	Approximate 287.5 mtr line has been laid out of total 410mtr. The sewer line is being laid through trenchless technology. The work will be completed by 30.04.2021.
16	2	Kabirpur to Sikka Colony Bridge	ULBD	4.64	Apr-21	Total 900 mtr line is to be laid. Out of which 770 mtr line has been laid. Out of total 900 mtr, 300 mtr line is to be laid by trenchless method. Work is in progress and will be completed by April 2021.
17	3	Sikka Colony Bridge to Delhi Road Bridge	ULBD	2.2	May-21	There are encroachments and no working space along the drain No. 6 and there is a proposal for laying of sewer line through trenchless technology.
18	4	Delhi Road Bridge to Bawa Tarana Bridge	ULBD	1.22	May-21	

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
19	5	BawaTarana Bridge to Aadarsh Nagar Bridge	ULBD	1.59	Jun-21	
20	6	Aadarsh Nagar Bridge to Murthal Road Bridge	ULBD	3.17	Apr-21	The progress of work is slow due to narrow working space and encroachments on drain no. 06.
21	7	Murthal Road to Rishi Colony Bridge/Disposal	ULBD	2.56	Jun-21	The progress of work is slow due to narrow working space and encroachments on drain no. 06.
22	8	STP Rathdana to bandepurBridge	ULBD	1.83	-	Work Completed
23	9	Bandepur Bridge to ITI/Rohtak Bye-pass road	ULBD	1.83	Dec-20	Work completed
		Total		21.48		
Gohana						
24		Near ChanderShekar Azad park	ULBD	0.25	Completed	Work Completed
		Total		0.25		
Panipat						
25	1	Ambala-Delhi Rly line, Geeta Colony	ULBD	0.2	Jun-21	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for bid submission is 06.01.2021.
26	2	Kutani Road	ULBD	0.11	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
						floated on 07.12.2020 & last date for bid submission is 06.01.2021.
27	3	Saini colony, w-24, near saini medicos-I	ULBD	2.45	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for bid submission is 06.01.2021.
28	4	Saini colony, w-24 near saini medicos-II	ULBD	0.61	Nov. 22	
29	5	Saini colony, w-24, corner of manohar park	ULBD	0.24	Nov. 22	
30	6	Saini colony, w-24, under Railway Line-I	ULBD	0.24	Nov. 22	
31	7	Saini colony, w-24, under Railway Line-II	ULBD	0.24	Nov. 22	
32	8	Dutta Colony	ULBD	0.61	Jun-21	
33	9	Dutta Colony	ULBD	0.61	Jun-21	
34	10	Shondhapur	ULBD	2.45	Jun-21	
35	11	Shondhapur	ULBD	0.24	Jun-21	
36	12	Shondhapur	ULBD	0.24	Jun-21	
37	13	Shondhapur	ULBD	0.24	Jun-21	
38	14	Shondhapur	ULBD	0.24	Jun-21	
39	15	Shondhapur	ULBD	2.45	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for
40	16	Shondhapur	ULBD	0.61	Nov. 22	
41	17	Laxmi Colony	ULBD	0	Nov. 22	
42	18	Arjun Nagar	ULBD	0	Nov. 22	
43	19	Kalu peer colony	ULBD	0	Nov. 22	

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
44	20	Ganga ram Colony	ULBD	0	Nov. 22	bid submission is 06.01.2021.
45	21	HariBagh Colony	ULBD	0	Nov. 22	
46	22	Kutani Road	ULBD	0.49	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for bid submission is 06.01.2021.
47	23	Kutani Road	ULBD	0.26	Nov. 22	
48	24	Indira Colony and Old Inds. Area	ULBD	0	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for bid submission is 06.01.2021.
49	25	Geeta Colony	ULBD	0.49	Nov. 22	
50	26	KabriFatak,Crossing w-24-I & II	ULBD	0.24	Nov. 22	The colony was unapproved earlier now it has been approved by the government so instead of tapping of Nallas fresh DPR of amount 97.00 crore for laying of sewer line & construction of STP has been approved and tender has been floated on 07.12.2020 & last date for bid submission is 06.01.2021.
51	27	Indira Colony and Old Inds.Area	ULBD	0	Nov. 22	
52	28	Shondhapur	ULBD	0.24	June, 21	In progress
53	29	Saini Colony	ULBD	0		Work Completed
54	30	AbrahamLodhi	ULBD	0.12	Completed	Work Completed
55	31	Arti Hospital	ULBD	0.1		Work Completed
56	32	Devi Mandir	ULBD	0.1		Work Completed
57	33	Desraj Colony , Sh.RamChowk	ULBD	0.065		Work Completed
58	34	Rajiv Colony	ULBD	0.14		Work Completed
59	35	Rajiv Colony,	ULBD	0.05		Work Completed

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
60	36	Noorwala	ULBD	0.05		Work Completed
61	37	Saini Colony	ULBD	0.12		Work Completed
62	38	ChoturamChowk	ULBD	0.15		Work Completed
63	39	ChoturamChowk	ULBD	0.1		Work Completed
64	40	11 Ward	ULBD	0.14		Work Completed
65	41	Sanoli Road	ULBD	0.245		Work Completed
66	42	Saini Colony	ULBD	0		Work Completed
67	43	Tehsil Area Bus Stand	ULBD	0.24		Work Completed
68	44	Tehsil Area Salargang	ULBD	0.29		Work Completed
69	45	Arti Hospital area	ULBD	0.24		Work Completed
70	46	Devi madir	ULBD	0.24		Work Completed
71	47	Desraj Colony	ULBD	0.36		Work Completed
72	48	Desraj Colony JaganNath	ULBD	0.31		Work Completed
73	49	Rajiv Colony	ULBD	0.34		Work Completed
74	50	Rajiv Colony	ULBD	0.36		Work Completed
75	51	Rajiv Colony	ULBD	0.24		Work Completed
76	52	Nurwala	ULBD	0.24		Work Completed
77	53	Saini Colony	ULBD	0.29		Work Completed
78	54	ChoturamChowk	ULBD	0.36		Work Completed
79	55	ChoturamChowk	ULBD	0.24		Work Completed
80	56	ChoturamChowk	ULBD	0.24		Work Completed
81	57	11 ward	ULBD	0.34		Work Completed
82	58	Sanoli Road	ULBD	0.24		Work Completed
		Total		19.45		
Bahadurgarh						
83	1	Nala from Nehru Park Colony	ULBD	0.5	Mar-21	Work is in progress
84	2	Nala from Parnala road	ULBD	0.25	Mar-21	Work is in progress
85	3	Drain from Indra market	ULBD	0.3	Mar-21	Work is in progress
86	4	Drain from Aggarwal	ULBD	0.28	Mar-21	Work is in progress

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
		Colony				
87	5	Drain from Vivekanand Nagar(Both side of Nehra Nehri road)	ULBD	0.15	Mar-21	Work is in progress
88	6	Drain from Chhotu Ram Nagar	ULBD	0.45	Mar-21	Work is in progress
89	7	Drain from Linepar colony	ULBD	0.35	Mar-21	Work is in progress
90	8	Nala/drains from MIE area	ULBD	0.65	Mar-21	Work is in progress
91	9	Nala along Kabir Basti	ULBD	0.8	Completed	Completed
92	10	Nala from R/Road both side	ULBD	0.3	Completed	Completed
93	11	Both side of Nala from NehraNahri road	ULBD	0.4	Completed	Completed
94	12	Sewage/drain from Chhikara colony	ULBD	0.3	Completed	Completed
95	13	Sewage/drain from Durga colony	ULBD	0.15	Completed	Completed
96	14	Drain from Nai Basti	ULBD	0.34	Completed	Completed
97	15	Drain from Dharamvihar colony	ULBD	0.13	Completed	Completed
98	16	New Neta Ji Nagar Gali No. 9	ULBD	0.6	Completed	Completed
99	17	In ward No. 9 along railway line near Mungeshpur drain	ULBD	0.4	Completed	Completed
		Total		6.35		

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
Palwal						
100	1	In front of Dholagarh Convent School in MC Palwal	ULBD	0.08	Mar'21	Work is in progress
101	2	Lohagarh near Govt. School MC Palwal	ULBD	0.08	Mar'21	Work is in progress
102	3	Opp. Church in MC Palwal	ULBD	0.08	Mar'21	Work is in progress
103	4	Parkash Colony MC Palwal	ULBD	0.11	Mar'21	Work is in progress
104	5	Parsuram Colony MC Palwal	ULBD	0.05	Mar'21	Work is in progress
105	6	Near VandeyMatra m School in MC Palwal	ULBD	0.05	Mar'21	Work is in progress
106	7	Near Nala in MC Palwal	ULBD	0.08	Mar'21	Work is in progress
107	8	Near Dharam Public School on Agwanpur highway in MC Palwal	ULBD	0.09	Mar'21	Work is in progress
108	9	Bharat Colony on Ashwta Road in MC Palwal	ULBD	0.13	Mar'21	Work is in progress
109	10	Lohagarh near ShamshanGhat in MC Palwal	ULBD	0.09	Mar'21	Work is in progress
110	11	Hari Nagar Colony near Lohagarh in MC Palwal	ULBD	0.04	Mar'21	Work is in progress
111	12	Hari Nagar Colony near Distributory	ULBD	0.03	Mar'21	Work is in progress

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
		in MC Palwal				
112	13	Hari Nagar Colony near Golaya School in MC Palwal	ULBD	0.04	Mar'21	Work is in progress
113	14	In front Paladium Hotel in MC Palwal	ULBD	0.06	Mar'21	Work is in progress
114	15	Near Doaba Factory in MC Palwal	ULBD	0.03	Mar'21	Work is in progress
115	16	AgwanpurNa ngla W.No.1 in MC Palwal	ULBD	0.13	Mar'21	Work is in progress
116	17	Rehrana road Dholagarh in MC Palwal	ULBD	0.12	Mar'21	Work is in progress
117	18	Panchwati Colony near Shamshan Ghat in MC Palwal	ULBD	0.1	Mar'21	Work is in progress
118	19	Near TijuwalaMan dir or Parsuram Colony Sohna road in MC Palwal	ULBD	0.1	Mar'21	Work is in progress
119	20	Poultry Ferm in MC Palwal	ULBD	0.14	Mar'21	Work is in progress
120	21	New Bhatia Colony behind Meat Market inMCPalwal	ULBD	0.13	Mar'21	Work is in progress
121	22	Near /Opp. BaghelChoup alDholagarh in MC Palwal	ULBD	0.06	Mar'21	Work is in progress
122	23	RamgarhKith wari in MC Palwal	ULBD	0.11	Mar'21	Work is in progress

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
123	24	Parkash Colony in MC Palwal	ULBD	0.07	Mar'21	Work is in progress
124	25	Near or Opposite Church on Nuh road in MC Palwal	ULBD	0.14	Mar'21	Work is in progress
125	26	Near Jodhpur road in MC Palwal	ULBD	0.09	Mar'21	Work is in progress
126	27	Bhati Colony near Omaxe City in MC Palwal	ULBD	0.09	Mar'21	Work is in progress
127	28	Amar Colony in MC Palwal	ULBD	0.12	Mar'21	Work is in progress
128	29	In front of 15MLD MC Palwal	ULBD	0.05	Completed	Completed
		Total		2.49		
Ganaur						
129	1	Drain at Khubru Road	ULBD	0	Jun-21	Sewerage line blocked. MC Ganaur will float the Tender Soon.
130	2	Drain at Panchi Road	ULBD	0	Jun-21	
		Total		0		
Radaur						
131	1	Drain from KheraMohalla to STP	ULBD	0.3	Completed	Work Completed.
		Total		0.3		
Gharaunda						
132	1	Drain Near Kathuria Hotel (R/D 100/R)	ULBD	0.28	Completed	Completed
133	2	Drain near Passi colony	ULBD	0.09	Completed	Completed
134	3	Drain near Parth public School	ULBD	0.34	Completed	Completed
135	4	Drain Near Anokha colony	ULBD	0.24	Completed	Completed

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
136	5	Drain near Rana bagh colony (R/D 2/R)	ULBD	0.02	Completed	Completed
		Total		0.97		
Kharkhoda						
137	1	Kharkhoda drain near partap school, Kharkhodas	ULBD	12.25	Completed	Completed
		Total		12.25		
Gohana						
138	1	Near pumping station (P.H) near Gumar Dharmshala	ULBD	0.6	Completed	Completed
139		Drain Bridge near Panipat Chungi	ULBD	0.6	Completed	Completed
		Total		1.2		
Jhajjar						
140	1	Sampla road	ULBD	0.75	Completed	Completed
141	2	Gaji Kamal road	ULBD	0.5	Completed	Completed
142	3	Babra road	ULBD	0.4	Completed	Completed
143	4	Bhagat singh chowk (Bhaur Chowk)	ULBD	0.7	Completed	Completed
144	5	Chikkara Chowk	ULBD	0.6	Completed	Completed
145	6	Rewari road	ULBD	0.6	Completed	Completed
		Total		3.55		
Hodal						
146	1	Mini secretariat colony part-I	ULBD	0.5	Completed	Completed
147	2	Mini secretariat colony part-II	ULBD	0.3	Completed	Completed
148	3	Extension	ULBD	0.5	Completed	Completed

Sr. No		Name of Location	Deptt	Quantum of sewerage to be diverted	Timeline	Latest status
		Padwan colony				
149	4	Extension of Charan Singh colony part-II	ULBD	1	Completed	Completed
		Total		2.3		
Nilokheri						
150	1	Nilokheri Drain along Railway line	ULBD	0.25	Completed	Completed
151	2	Rakshi Distrubutry	ULBD	1.05	Completed	Completed
		Total		1.3		
Sampla						
152	1	Near Gijhi road T-point on old rohtak delhi road	ULBD	0.3	Completed	Completed
153	2	Near old dattor in front of stadium	ULBD	0.4	Completed	Completed
154	3	Near bus stand on firni	ULBD	0.3	Completed	Completed
155	4	near flyover on Kharkhoda road	ULBD	0.3	Completed	Completed
		Total		1.3		

Water Quality and flow of drains joining river Yamuna

Sr. No.	Name of drain	latitude/ Longitude	Flow (in MLD)	BOD (mg/l)	F.Coli
1	Dhanaura Escape before meeting River Yamuna, Village Jarauli, Karnal (KRN-RDQ-002)	29.73336 and 77.12788	73.5	180	221000
2	Drain No.2 before meeting river Yamuna at vill. Khojkipur	29.280218, 77.120858	130	19	14000
3	Drain no. 6 before entry in Delhi	28.890391, 77.109702	138.55	74	49000
4	Entry point of Mungeshpur drain in Delhi Territory, back side of Sainik School, Bypass, Bahadurgarh, Distt. Jhajjar	Latitude 28.669716 and Longitude 76.949466	24.5	54	120000
5	Entry point of KCB drain in Delhi Territory, Near MCD Toll Tax point, VPO-Lowa Siddhipur, Distt. Jhajjar	Latitude 28.650667 and Longitude 76.937005	29.4	52	90000
6	Entry point of Drain No. 8 in Delhi Territory, Near Dhansa Store of Executive Engineer, Irrigation & Flood Control Deptt. of Delhi Govt., VPO-Lohat, Distt. Jhajjar	Latitude 28.535362 and Longitude 76.869600	17.15	32	72000
7	Leg I Drain, before meeting Najafgarh Drain Gurgaon	28.531019, 77.001858	164 (this includes treated water from STP Behrampur 90-100MLD and CETP Manesar 30-40 MLD)	50	-
8	Leg II Drain, before meeting Najafgarh Drain Gurgaon	28.508322, 76.975010	6.6	38	-
9	Leg III (Badshpur) Drain before meeting Najafgarh Drain Gurgaon	28.484470, 76.953334	1.29	48	-
10	Budhiya Nala before meeting river Yamuna, at Vill. Manjhawali, Faridabad	28.382511, 77.481014	105	48	47000
11	Gaunchi Drain before River Yamuna, Palwal	27.914783, 77.517323	45.46	32	38000