

I/37387/2021



HSPCB

To

HARYANA STATE POLLUTION CONTROL BOARD

C-11, SECTOR-6, PANCHKULA

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Date:- 03/05/2021

1. The Director General, Environment Department, Govt. of Haryana, Chandigarh
2. The Director General, Industries Department, Haryana, Chandigarh.
3. The Director, Urban Local Bodies Department, Govt. of Haryana, Panchkula.

Sub:- Proceedings of 11th River Rejuvenation Committee (RRC) meeting held on 28.04.2021 at 11:30 AM to review the progress of Yamuna Action Plan and Ghaggar Action Plan in OA No. 673/2018, OA No. 06/2012, OA No. 138 of 2016 and OA No. 148/2016-Reg .

Sir,

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the copy of proceedings of 11th River Rejuvenation Committee (RRC) meeting held on 28.04.2021 at 11:30 AM to review the progress of Yamuna Action Plan and Ghaggar Action Plan in OA No. 673/2018, OA No. 06/2012, OA No. 138 of 2016 and OA No. 148/2016-Reg for your information and further necessary action please.

**Sr. Env. Engineer (HQ)
For Chairman**

Endst No.

A copy of the above is forwarded to the following for information please.

1. Additional Chief Secretary, Environment Deptt, Govt of Haryana.
2. Additional Chief Secretary, Irrigation Department, Govt. of Haryana.
3. Additional Chief Secretary, Public Health Engineering Deptt, Govt of Haryana.
4. Additional Chief Secretary, Mining and Geology Department, Govt. of Haryana
5. Additional Chief Secretary, Development & Panchayat Dept, Govt of Haryana.
6. Additional Chief Secretary, Urban Local Bodies Dept, Govt of Haryana
7. Chief Executive Officer, GMDA, Gurugram.
8. Additional Chief Secretary, Agriculture Department, Govt. of Haryana.
9. Principal Secretary, Forest Department, Govt. of Haryana.
10. Principal Secretary, Town and Country Planning Deptt, Govt of Haryana.
11. Principal Secretary, Industries Deptt, Govt of Haryana.

I/37387/2021

Endst No.

A copy of the above is forwarded to all the Regional Officers, HSPCB for information and further necessary action please.

Proceedings of 11th River Rejuvenation Committee (RRC) meeting held on 28.04.2021 at 11:30 AM to review the progress of Yamuna Action Plan and Ghaggar Action Plan in OA No. 673/2018, OA No. 06/2012, OA No. 138 of 2016 and OA No. 148/2016-Reg.

As per the directions of Hon'ble NGT vide order dated 21.09.2020 OA No. 673/2018 "More river stretches are now critically polluted: CPCB" the execution of action plans as monitored by River Rejuvenation Committee (RRC) in the meeting held on 28.04.2021 and Sh S Narayanan, IFS, MS, HSPCB, Sh Ashok Kumar Meena IAS, Director, ULBD, Sh Ashwini Kumar Singh, Additional Director, Industries Department (on behalf of Director Industries) and Dr R S Chauhan, Joint Director, Environment Department (on behalf of DG, Environment) attended the meeting.

At the outset, MS, HSPCB welcomed all the participants and briefly outlined the agenda of the meeting on behalf of ACS (Env) who couldn't take part in the meeting due to unavoidable official engagement. MS, HSPCB informed the significance of the RRC and Integrated Drain Management Committee (IDMC), on the dissolution of Yamuna Monitoring Committee and Executing Committee, which were earlier reviewing the progress as per the directions of NGT and in the absence of the same, RRC is the main body to review the progress and submit the same to Chief Secretary, who is answerable to NGT and Ministry of Jal Shakti (MoJS) in this regard. Members were also informed that all the stakeholders departments have been advised to submit their monthly progress reports to HSPCB by 7th of every month, for compilation of Monthly Progress Report (MPR) at State level and onward submission to NMCG and CPCB before 10th of every month. The agenda items (Annexure A), already circulated along with the status of various activities of stakeholders Department was taken up for discussion.

1. Shifting of Industrial units from non-conforming areas in Yamuna Nagar

Industry Department informed that the IIT Roorkee Team has conducted the field visits and sent a report in Dec 2020 with its recommendations for construction of CETP at Yamuna Nagar, which is under consideration of the Department. Additional Director, Industries also raised the issue relating to construction of CETP separately and to carry the effluent through tankers for treatment in the area. He also indicated the pending visit of the team of officers to Ludhiana for inspecting the methodology and technology adopted for treatment of effluent in a CETP, by carrying it separately through tankers, as advised by Chief Secretary. MS, HSPCB informed that the said direction of Chief Secretary has already been sent to the ACS (PHED) who has been advised by CS to carry out the task. MS, HSPCB further informed that, the technology adopted by Ludhiana CETP is no different from any other CETP, and the issue to be addressed is whether it can be permitted legally or not, as per the provisions of Water Act. He further informed that he discussed the matter with MS of PPCB and MS of CPCB who both have agreed that there are no legal provisions in the Act for such transport through tankers and it is not a scientifically accepted method either. MS, HSPCB also explained that since the effluent are highly dangerous and toxic, in case of any accident, there is no justifiable reason for such permission, if granted.

After detailed discussion, it was decided that the Industries Department shall send a note on the recommendations of the team alongwith ATR and proposed actions. It was decided that status of shifting of industries in Faridabad, Panipat, Rohtak and Sonapat may also be included in the note by Industries Department.

2. Review of status of Under Construction/upgradation/proposed STPs

While reviewing the status of STPs under construction / upgradation / proposed, it was observed that the target dates of some of STPs are far from the target date fixed by NGT (i.e. Mar, 21). After reviewing the progress RRC was of the opinion that timelines should be compressed and necessary instructions be sent to all Departments to monitor their projects for fast track construction, as directed by Chief Secretary in the last meeting.

3. Laying of Sewer Lines

Slow progress of laying of sewerage network at Ambala city- Ambala Sadar, Kaithal, Jakhal Mandi, Hisar, Jagadhari-Yamuna Nagar, Palwal, Rohtak, Faridabad, Karnal and Bahadurgarh was noted by RRC. Timelines of Panipat are far from targets fixed by NGT and thus needs to be shortened, observed the Committee. ULBD and PHED should be advised to achieve the monthly targets and ensure completion of the projects as per timelines, it was decided.

4. Construction of CETPs

It has been observed that as per the decision taken in the meeting held on 11.08.2020 under the Chairmanship of ACS/Finance, CETPs at Faridabad and Gurugram are to be constructed by MCs concerned. MCF started preparation for DPRs for CETPs at Partapgarh and Badshahpur, Faridabad. Administrative approval accorded. Director, ULBD informed that serious efforts are being taken up by ULBD with GMDA on the issue of construction of CETP in Gurugram, which has been unresolved for a considerable time now, in which Chief Secretary has also issued specific instructions to expedite. He further informed that there is no issue of funding in this case and the matter is expected to be resolved at the earliest. Since GMDA has the expertise and jurisdictional control over the area, it would be a feasible option, if they take over the same and the same is being finalized with the agency, he further stated. RRC desired that the issue may be taken up on top priority as it has already been delayed considerably.

5. Interception of sewage in unapproved areas

RRC observed that out of 42.25 MLD (at 56 locations) effluent to be tapped in Ghaggar catchment area, only 21.08 MLD (at 28 locations) has been diverted so far. Work has not started at 14 locations. No progress has been received from Railways and Panchayats Departments on the interception of above mentioned locations and HSVP has informed that interception of sewage from Rajiv Indira Colony to be transferred to

MC, Panchkula, it was apprised. RRC, after going through the details recommended that HSVP and ULBD may resolve the issue at the earliest and Panchayats and Railways Department to be requested to submit the progress within 3 days.

Similarly, in Yamuna catchment area, out of 100.5 MLD (at 155 locations) only 48.15 MLD (at 90 locations) has been diverted so far and the work has not yet been started at 18 locations by ULBD at Panipat. It was advised that the remaining work be expedited on top priority and GMDA, ULBD, PHED, HSVP and Panchayats Department shall send the status for their respective points to HSPCB.

6. Interception of Najafgarh Drain/ Badshahpur Drain in Gurugram

RRC was apprised that out of 145 MLD to be diverted from Leg-I, Leg-II & Leg-III only 104 MLD has been diverted so far (41 MLD yet to be diverted). Work is at survey stage/ not allotted at 4 locations in Leg-I, 4 locations in Leg-II and 13 locations in Leg-III. RRC recommended that the work needs to be expedited and GMDA to pay attention for obtaining the permission from NHAI as it has not been received for a long period and also to place matter before CS on separate file. The areas of Manesar and Naharpur Kasan, earlier managed by PHED, have recently been transferred to MC whose progress is also awaited from ULBD, it was observed. ULBD was requested to send the same on priority.

7. Action plan for the Pollution Sources

RRC reviewed the progress on preparation and implementation of action plans for control of pollution at pollution sources identified by the Irrigation Department and the stakeholder Departments, concerned. It was apprised that NGT has directed a compensation of 5 lakh / month/ drain for flow of untreated effluent from the concerned departments. It was observed that out of 126 locations identified along Yamuna, action plan is pending for 34 locations. Similarly, out of 255 locations identified along Ghaggar action plan is pending for 69 locations.

Additional Director, Industries expressed that the survey work should not be assigned solely to Industries Department and the other stakeholder Departments like Irrigation, PHED, ULBD and HSVP should be involved for effective identification and preparation of plans. MS, HSPCB, agreeing in principle to the involvement of all stakeholder Departments in the exercise, informed that since the survey has already been completed, and in the present phase, action plans have to be prepared and acted upon by the stakeholder Departments. After discussion, it was decided that all departments shall be requested to send updated status/plan for each point pertaining to them.

8. Septage Management and Action Plan for Non-Point sources

RRC was apprised on the issue of Ammonia in river Yamuna, which is being raised time and again by Delhi Jal Board, which is presently heard by Supreme Court, and the stance of the State Irrigation Department and HSPCB conveyed to MoJS and Delhi Government. CPCB's monitoring and coordinating role and the State

Government's assurance to check illegal disposal of septage through tankers in Sonapat, Panipat and Karnal districts were explained. The directions of Chief Secretary for immediate implementation of septage management (at non-point sources through tankers) and District level drives to be conducted on regular basis were again reiterated by RRC and Director, ULBD assured that regular inspection drives to check illegal discharge through tankers in Sonapat, Panipat and Karnal will be done in coordination with District Administrations concerned. MS, HSPCB emphasized that the deterrent actions should be taken against the violators including confiscation of vehicles and registration of cases under relevant provisions of different Acts, besides Water Act.

9. Display of online data by the STPs/CETPs

MS, HSPCB informed that some of the STPs are still not connected to HSPCB/CPCB servers and many are offline, implying that there are manipulations at field level, as has been confirmed by the field visits of HSPCB and HYMC. He further informed that since these are serious lapses, HSPCB has taken cognizance of the same and the Departments concerned should immediately address the issues on top priority.

10. Progress on Closed Conduit Pipeline

The progress on the proposed establishment of the closed conduit pipeline by Irrigation Department to avoid mixing of water of DD 8 at Sonapat was reviewed by RRC and RRC desired that the Irrigation Department be advised to expedite the work.

Meeting ended with thanks to the all participants.

11th Review of the progress of Yamuna Action Plan and Ghaggar Action Plan by River Rejuvenation Committee (RRC) in OA No. 673/2018, OA No. 6/2012, OA No. 138 of 2016 and OA No. 148/2016 – Reg.

As per the directions of Hon'ble NGT vide order dated 21.09.2020 OA No. 673/2018 "More river Stretches are now critically polluted: CPCB" the execution of action plans is to be monitored by River Rejuvenation Committee (RRCs) as already directed. 10 reviews have been held at RRC level, so far to review the status. The progress made by different departments with regard to the actions proposed in the plans, are being reviewed in this 11th review by RRC.

Department wise review is as under:-

Public Health Engineering Department

1. Actual utilization by Existing STPs.

River Ghaggar

Sr. No.	Name and Region of STPs	Existing STP and Capacity (MLD)	A/R No. and date	Latest Compliance Status
1	3.00 MLD STP Naya Gaon , Unit.I , Ambala City by PHED in Janurary, 2011	3	709 dt. 30.03.2021	Complying except Faecal Coliform
2	3.25 MLD STP Naya Gaon , Unit.II Ambala City by PHED in 1.4.2016	3.25	744 dt. 07.04.2021	Complying except Faecal Coliform
3	5 MLD Baldev Nagar , Unit.I , Ambala City by PHED 1.12.2012	5	743 dt. 07.04.2021	Complying except Faecal Coliform
4	3.25 Baldev Nagar , Unit.II ,Ambala City by PHED in 1.4.2016	3.25	705 dt. 30.03.2021	Complying except Faecal Coliform
5	5 MLD Moti Nagar, Unit.I , Ambala City by PHED in June 2010	5	745 dt. 07.04.2021	Complying except Faecal Coliform
6	5 MLD STP Moti Nagar , Unit.II , Ambala City by PHED Ambala in 1.8.2016	5	708 dt. 30.03.2021	Complying except Faecal Coliform
7	6 MLD STP Modal Town, Ambala City by PHED in 1.7.2012	6	748 dt. 07.04.2021	Complying except Faecal Coliform
8	3.25 Nasirpur Ambala City by PHED in 31.9.2016	3.25	746 dt. 07.04.2021	Complying except Faecal Coliform
9	0.25 MLD Sadopur , Ambala PHED in 31.12.2016	0.25	706 dt. 30.03.2021	Complying
10	3.25 MLD Devi Nagar , Ambala City by PHED on 31.5.2013	3.25	707 dt. 30.03.2021	Complying except Faecal Coliform
11	3 MLD STP Nariangarh , Ambala by PHED in 1.7.2014	3	729 dt. 02.04.2021	Complying except Faecal Coliform

Sr. No.	Name and Region of STPs	Existing STP and Capacity (MLD)	A/R No. and date	Latest Compliance Status
12	25 MLD STP Thanesar, Kurukshetra by PHED in 31.05.2019	25	670 dt. 25.03.2021	Complying except Faecal Coliform
13	8 MLD STP Model Town , Pehowa Kurukshetra by PHED in May dt. 2015	8	669 dt. 25.03.2021	Complying except Faecal Coliform
14	11.5 MLD STP Ladwa Road , Shahbad Kurukshetra by PHED in May, 2016	11.5	673 dt. 25.03.2021	Complying except Faecal Coliform
15	4.5 MLD Kalka Panchkula by PHED in 30.3.2015	4.5	603 dt. 24.03.2021	Complying except Faecal Coliform
16	0.25 MLD Kalka Panchkula by PHED in 28.5. 2017	0.25	600 dt. 24.03.2021	Complying except Faecal Coliform
17	5 MLD STP Nalagarh Road, Manakpur, Pinjore Panchkula by PHED 31.1.2015	5	604 dt. 24.03.2021	Complying
18	15 MLD STP by PHED Jind in Jan, 2009	15	1301-1302 dt. 22.02.2021	Complying except Faecal Coliform
19	3.5 MLD Patiala Road , Narwana by PHED in Jan , 2011	3.5	1489-1490 dt. 26.03.2021	Complying except Faecal Coliform
20	3.75 MLD STP Narwana Jind by PHED in Jan , 2011	3.75	1491-1492 dt. 26.03.2021	Complying except Faecal Coliform
21	02 MLD STP, PHED , Dablain Road, Narwana, Jind (24.5.2017)	2	1493-1494 dt. 26.03.2021	Complying except Faecal Coliform
22	2 MLD STP Uchana Jind by PHED in 22.2.2012	2	1487-1488 dt. 26.03.2021	Complying except Faecal Coliform
23	1.5 MLD Uchana by PHED in 31.5.2013	1.5	1497-1498 dt. 26.03.2021	Complying except Faecal Coliform
24	5 MLD STP Jind by PHED in 1.4.2016	5	1485-1486 dt. 25.03.2021	Complying except Faecal Coliform
25	7 MLD STP, Jind by PHED in 30.11.2019	7	1483-1484 dt. 25.03.2021	Complying except Faecal Coliform
26	9 MLD STP Safidon , Jind by PHED in 31.05.2018	9	1520-1521 dt. 31.03.2021	Complying except Faecal Coliform
27	10 MLD STP Cheeka, Kaithal by PHED in 1.4.2013	10	1522-1523 dt. 31.03.2021	Complying except Faecal Coliform

Sr. No.	Name and Region of STPs	Existing STP and Capacity (MLD)	A/R No. and date	Latest Compliance Status
28	10 MLD STP , Jind Road Kaithal by PHED in September , 2012	10	1423-1424 dt. 16.03.2021	Complying except Faecal Coliform
29	10 MLD STP Manas Road, Kaithal by PHED in June , 2006 (MBBR)	10	1421-1422 dt. 16.03.2021	Complying except Faecal Coliform
30	10 MLD Manas Road,Kaithal bby PHED in Sep , 2012 (SBR)	10	1419-1420 dt. 16.03.2021	Complying except Faecal Coliform
31	5 MLD STP Kalayat , Kaithal by PHED in 1.4.2014	5	1526-1527 dt. 31.03.2021	Complying except Faecal Coliform
32	3.5 Pundri Kaithal by PHED in 4.7.2014	3.5	1524-1525 dt. 31.03.2021	Complying except Faecal Coliform
33	15 MLD STP Azad Nagar, Rajgarh Road Hisar by PHED in 31.12.2014	15	1427-1428 dt. 17.03.2021	Complying except Faecal Coliform
34	40 MLD STP Rishi Nagar , Hisar by PHED in 02.12.2017	40	1429-1430 dt. 17.03.2021	Complying except Faecal Coliform
35	4 MLD STP Narnaund, Hisar by PHED	4	1417-1418 dt. 15.03.2021	Complying except Faecal Coliform
36	4 MLD STP Kaimri Road, Hisar by PHED in 2018	4	1536-1537 dt. 02.04.2021	Non-Complying
37	15 MLD STP, Shamsabad patti , Kalaria Road, Sirsa by PHED in 1.7.2012	15	39-40 dt. 15.04.2021	Complying except Faecal Coliform
38	5 MLD STP ,Vill. Nattar 1 , Sirsa by PHED in 1.5.2013	5	35-36 dt. 15.04.2021	Complying except Faecal Coliform
39	5 MLD STP , Vill. Nattar 2 , Sirsa by PHED in 14.09.17	5	37-38 dt. 15.04.2021	Complying except Faecal Coliform
40	7.5 MLD STP Ellenabad Sirsa by PHED in 11.5.2015	7.5	1447-1448 dt. 18.03.2021	Complying except Faecal Coliform
41	9.5 MLD STP, Daddu Road,Kalanwali , Sirsa by PHED in 17.02.2018	9.5	1445-1446 dt. 18.03.2021	Complying except Faecal Coliform
42	6 MLD STP Rania Sirsa by PHED in 30.6.2017	6	1502-1503 dt. 26.03.2021	Complying except Faecal Coliform
43	16.5 MLD STP Dabwali, Sirsa by PHED in 04.12.2017	16.5	1449-1450 dt. 18.03.2021	Complying except Faecal Coliform

Sr. No.	Name and Region of STPs	Existing STP and Capacity (MLD)	A/R No. and date	Latest Compliance Status
44	20 MLD STP at Kelnia Sirsa by PHED	20	1500-1501 dt. 26.03.2021	Complying except Faecal Coliform
45	10 MLD STP Vill. Bhodia Khera, Bhattu Road, Fatehabad by PHED in 1.4.2013	10	11-12 dt. 12.04.2021	Non-Complying
46	10 MLD STP Vill. Amani, Tohana, Distt. Fatehabad by PHED in 1.4.2013	10	25-26 dt. 15.04.2021	Complying except Faecal Coliform
47	6.5 MLD STP Ratia, Fatehabad by PHED in 1.9.2014	6.5	29-30 dt. 15.04.2021	Complying except Faecal Coliform
48	5 MLD STP Kharati Khera Road, Fatehabad by PHED in 31.10.2018	5	13-14 dt. 12.04.2021	Complying except Faecal Coliform
49	3 MLD STP Jhakhhal Mandi, Fatehabad by PHED in 30.9.2019	3	27-28 dt. 15.04.2021	Complying except Faecal Coliform

River Yamuna

Sr. No.	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
1	Radaur Road, Yamuna Nagar by PHED	20	753 dt. 09.04.2021	Complying
2	Radaur Road, Yamuna Nagar by PHED	25	751 dt. 09.04.2021	Complying
3	Baddimajra, Yamuna Nagar by PHED*	10	752 dt. 09.04.2021	Complying
4	Parwaloo, Jagadhri Yamuna Nagar by PHED	24	754 dt. 09.04.2021	Complying
5	Chhachhrauli Yamuna Nagar by PHED	3	755 dt. 09.04.2021	Complying
6	Radaur Yamuna Nagar by PHED	3.5	756 dt. 09.04.2021	Complying
7	Indri Road, Ladwa Kurukshetra by PHED	7	672 dt. 25.03.2021	Complying except Faecal Coliform
8	Indri, Karnal by PHED*	4	4538 dt. 16.12.2020	Complying except Faecal Coliform
9	Nilokheri, Karnal by PHED	6	765 dt. 12.04.2021	Complying except Faecal Coliform
10	Nissing Karnal by PHED	4	721 dt. 31.03.2021	Complying
11	Tarori Karnal by PHED	5.5	764 dt. 12.04.2021	Complying except Faecal Coliform
12	Gharaunda, Karnal by PHED	7	652 dt. 24.03.2021	Complying
13	Sewah, Panipat by PHED	35	737 dt.	Non Complying

Sr. No	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
			07.04.2021	(10 BOD)
14	Sewah, Panipat Panipat by PHED	25	738 dt. 07.04.2021	Non Complying (10 BOD)
15	Jattal Road, Panipat by PHED	20	741 dt. 07.04.2021	Non Complying (10 BOD)
16	Jattal Road, Panipat by PHED	10	742 dt. 07.04.2021	Non Complying (10 BOD)
17	Samalkha by PHED	5	734 dt. 07.04.2021	Complying except Faecal Coliform
18	Kharkhoda Sonapat by PHED	4.5	451 dt. 05.03.2021	Complying except Faecal Coliform
19	Ganaur Sonapat	7	658 dt. 25.03.2021	Complying except Faecal Coliform
20	Gohana Sonapat by PHED	3	656 dt. 25.03.2021	Complying except Faecal Coliform
21	Gohana Sonapat by PHED	8.3	657 dt. 25.03.2021	Complying except Faecal Coliform
22	PGI Rohtak by PHED	19.5	1510-1511 dt. 31.03.2021	Complying except Faecal Coliform
23	Sonaria, Rohtak by PHED	40	1320-1321 dt. 22.02.2021	Non Complying (30 BOD)
24	Kalanaur Rohtak by PHED	3.5	1514-1515 dt. 31.03.2021	Complying except Faecal Coliform
25	Meham Rohtak by PHED	5	1512-1513 dt. 31.03.2021	Complying except Faecal Coliform
26	Singhpura, Rohtak by PHED	14	1508-1509 dt. 31.03.2021	Complying except Faecal Coliform
27	Sampla Rohtak by PHED	4	1383-1384 dt. 08.03.2021	Non Complying
28	Jhajjar by PHED	5	1479-1480 dt. 25.03.2021	Complying except Faecal Coliform
29	Jhajjar by PHED	5.5	1481-1482 dt. 25.03.2021	Complying except Faecal Coliform
30	Beri Jhajjar by PHED	2	1313-1314 dt. 22.02.2021	Complying except Faecal Coliform
31	Line Par, Bahadurgarh by PHED	18	1415-1416 dt. 12.03.2021	Non Complying
32	Najafgarh road Bahadurgarh by PHED	36	1381-1382 dt.	Non Complying (10 BOD)

Sr. No	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
			08.03.2021	
33	Tarou by PHED	4.5	6 dt. 09.04.2021	Complying except Faecal Coliform
34	Punhana by PHED	4.5	9 dt. 09.04.2021	Complying except Faecal Coliform
35	Nuh by PHED	3.6	8 dt. 09.04.2021	Complying except Faecal Coliform
36	Ferozpur Jhirka by PHED	5	7 dt. 09.04.2021	Complying except Faecal Coliform
37	Hassanpur by PHED	3	3 dt. 09.04.2021	Non Complying (10 BOD)
38	Hathin by PHED	4.5	4 dt. 09.04.2021	Complying except Faecal Coliform
39	Hodal by PHED	9	5 dt. 09.04.2021	Non Complying (10 BOD)
40	Palwal by PHED	9	546 dt. 10.03.2021	Complying except Faecal Coliform

2. Under Construction STPs

River Ghaggar

Sr. No.	Name of the Town/city	Capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
In progress					
1	Bhuna	8	31.03.2021	92%	95%

River Yamuna

Sr. No.	Name of town/city	Capacity (MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
In progress					
1	Baddi Majra, Yamuna Nagar	10	30.06.2021	98%	98%

3. Under upgradation STPs

River Ghaggar

PHED has not given the justification for extension of timeline in case of upgradation of STP at Uchana.

Sr. No	Name of the towns/city	Present capacity (in MLD)	Proposed capacity after upgradation (in MLD)	Technology of present STP and proposed technology after upgradation	Timelines	Extended date in view of COVID-19	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Jind	15	15	MBBR	30.06.2020	30.04.2021	85%	90%

Sr. No.	Name of the towns/city	Present capacity (in MLD)	Proposed capacity after upgradation (in MLD)	Technology of present STP and proposed technology after upgradation	Timelines	Extended date in view of COVID-19	Progress upto Feb, 2021	Progress upto Mar, 2021
				MBBR+TT				
2	Kaithal	10	10	MBBR MBBR+TT	30.06.2020	Completed	Completed and under trial run	Completed
3	Pundri	3.5	3.5	MBBR MBBR+TT	30.06.2020	Completed	Completed and under trial run	Completed
4	Ellanabad	7.5	7.5	MBBR MBBR+TT	31.12.2020	28-02-2021	95%	Completed
5	Fatehabad	10	10	MBBR MBBR+TT	31.12.2020	31-07-2021	65%	70%
6	Ratia	6.5	6.5	MBBR MBBR+TT	31.12.2020	30-06-2021	70%	75%
7	Tohana	10	10	MBBR MBBR+TT	31.12.2020	30-09-2021	60%	65%
8	Sirsa	15	15	MBBR MBBR+TT	31.12.2020	28-02-2021	95%	Completed
9	Uchana	2	2	MBBR MBBR+TT	31.03.2022	31.03.2022	15%	25% Completed– Work delayed due to COVID 19. Efforts are being to completed by due date.
	Total	79.5	79.5					

Work not awarded for 17 STPs and land not available for 2 STPs for upgradation. EC advised that these 19 STPs to be upgraded by 30.06.2021.

List of STPs where work not awarded for upgradation.

Sr. No.	Name of town	Technology	Capacity	Remarks
1	Ambala city	MBBR	3	DPR Approved/under tendering process.
2	Ambala city	MBBR	3.25	DPR Approved/under tendering process.
3	Ambala city	MBBR	5	DPR Approved/under tendering process.
4	Ambala city	MBBR	5	DPR Approved/under tendering process.
5	Ambala city	MBBR	3	DPR Approved/under tendering process.

Sr. No.	Name of town	Technology	Capacity	Remarks
6	Ambala city	MBBR	3.25	DPR Approved/under tendering process.
7	Ambala city	MBBR	5	DPR Approved/under tendering process.
8	Ambala city	MBBR	3.25	DPR Approved/under tendering process.
9	Naraingarh	MBBR	3	DPR Approved/under tendering process.
10	Jind	MBBR	5	DPR Approved/under tendering process.
11	Narwana	MBBR	3.5	DPR Approved/under tendering process.
12	Narwana	MBBR	3.75	DPR Approved/under tendering process.
13	Narwana	MBBR	2	DPR Approved/under tendering process.
14	Uchana	MBBR	1.5	DPR Approved/under tendering process.
15	Pehowa	MBBR	8	DPR Approved/under tendering process.
16	Sirsa	MBBR	5	DPR Approved/under tendering process.
17	Sirsa	MBBR	5	DPR Approved/under tendering process.
	Total		67.5	
1	Kalka	MBBR	4.5	Land issue resolved by adjusting structures within the available land. DPR approved.
2	Ambala city	MBBR	6	
			10.5	

River Yamuna

RYMC reported urgent upgradation / replacement in 2 STPs of Rohtak (40 MLD) and Bahadurgarh (18 MLD). **Plan may be provided by PHED for these STPs.**

Work is in progress for upgradation of STP at Beri.

Sr. No.	Name of town/city	Present capacity (in MLD)	Proposed capacity after upgradation (in MLD)	Technology of present STP and proposed technology after upgradation	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
In progress								
1	Beri	2	3	Oxidation pond/SBR	31.03.2022	30%	40%	Work delayed due to arrangement of land and COVID-19

4. Laying of sewerage

River Ghaggar

Work already lagging behind the timelines at Pinjore as the target date has already passed. Work will be delayed at Jakhal Mandi. Needs to be expedited.

Sr. No.	Name of town	Timelines	Length to be laid (in meters)	Progress upto Feb, 2021	Progress upto Mar, 2021	% age of work done (upto Feb, 21)
1	Jakhal Mandi	31.03.2022	46861	10500	13300	28.38%
2	Mandi Dabwali	31.08.2021	15000	14100	14100	94.00%

5. Interception/diversion of sewage in the un-approved areas

River Ghaggar

Sr. No.	Name of city MC	No. of location	Quantum of effluent to be diverted MLD	Work Completed		Work in progress		Work not started	
				No. of location	Quantum (MLD)	No. of location	Quantum (MLD)	No. of location	Quantum (MLD)
1	Pehowa	2	0.005	0	0	2	0.005	0	0
2	Panchkula	15	13.21	6	5.9	1	1.23	8	6.08

The list is enclosed is as under:-

Location of interception of sewage along river Ghaggar

Sr. No.	Name of MC	Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
1	Pehowa	Near Pooja Colony, Back side of girl school	0.002	31.12.2021	Work just started	Not received	This point is proposed to be connected to IPS of PHED which has been allotted now and will be completed as per given timeline.
2		Near Mehant Dairy	0.003	31.12.2021	Work just started	Not received	This point is proposed to be connected to IPS of PHED which has been allotted now and will be completed as per given timelines.
		Total	0.005				
1	Panchkula	Jhajjara river side end of Khurana colony	1.23	31.12.2021	In progress	Not received	However, the revise estimate for laying of sewer line in Khurana colony is under preparation and the likely date of completion will be 31.12.2021.
2		Sukhna river side near bridge	0.31	31.12.2021	Not started. (Estimate under preparation)	Not received	Estimate under preparation and will be completed by 31.12.2021.

Sr. No	Name of MC	Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
		Khatik Mohalla/Handiya Mohalla)		
3		Near Railway washing centre Kalka	0.39	Dec, 20	Not started	Not received	It relates to Railway Department due to washing of Train Engine etc. The letter is written to Railway Department.
4		Abad area to river Ghaggar	0.31	Dec, 20	Not started	Not received	The area is Chandi Mandir. So the area relates to Development & Panchayat Department. The letter is written to Development & Panchayat Department.
5		Abadi area to river Ghaggar	0.34	June, 21	Not started	Not received	The area is Surajpur So the area relates to Development & Panchayat Department. The letter is written to Development & Panchayat Department.
6		river Ghaggar	0.53	Dec, 20	Not started	Not received	The area is Bir Ghaggar. So the area relates to Development & Panchayat Department. The letter is written to Development & Panchayat Department.
7		River end of Khetpurali village	0.06	Dec, 20	Not started	Not received	The Khetpurali Village relates to Development & Panchayat Department. The letter is written to Development & Panchayat Department.
8		Near Bridge of river Tangri	0.14		Not started	Not received	The area relates to Development & Panchayat Department.
9		Drain of Manakpur Thakur Das	4		Not started	Not received	The Mankpur Thakurdas relates to Development & Panchayat

Sr. No	Name of MC	Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
							Department.
		Total	7.31				

River Yamuna

Status of diversion of sewage in Leg-III.

The action needs to be expedited.

Sr. No.	Location where waste waterfalls into leg No. III	Discharge in MLD	Target Date	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Manesar	2.5	31.08.2021	Work is in progress & 20 % work completed. Sewer line of this village already connected to CETP of HSIIDC. Now, this area falls under jurisdiction MC, Manesar.	Not received
2	Naharpur Kasan	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. Now, this area falls under jurisdiction MC, Manesar.	Not received

6. Action plan for achieving standards for faecal Coliform

HSPCB has issued orders for fixing up the new standards for STPs as per directions of NGT vide letter dated 02.07.2020 and all STPs have to comply with the same and the Departments should submit action plan for each STP. The timelines to achieve the Faecal Coliform standards are longer whereas the standards are applicable even today.

17 STPs in Yamuna catchment and 21 STPs in Ghaggar catchment have been upgraded to achieve F. Coliform standards, so far.

Further, the monthly plan and progress of upgradation of STPs to achieve the standards of Faecal Coliform is not provided. The format for providing the monthly action plan is enclosed as Annexure-1

Yamuna Catchment

Department	Total No. of STPs	Already achieved Faecal standards MPN/100	achieved Coliform 100	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
PHED	41	17		2	22

Ghaggar Catchment

Department	Total No. of STPs	Already achieved Faecal standards MPN/100	Coliform 100	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
PHED	49	21		8	20

7. Survey of sources of pollution.

River Ghaggar

Sr. No.	Department Name	Department Points	Action plan not required/completed	Received Action Plan	Pending Points
1	PHED	43	10	15	18

River Yamuna

Sr. No.	Department Name	Department Points	Action plan not required/completed	Received Action Plan	Pending Points
1	PHED	12	9	1	2

8. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. Any adverse entry or reward given for successful accomplishment of any project may be informed. The timelines are being extended without fixing the responsibility.

The action taken in this regard be appraised.

9. Phyto-Bio Remediation of drains.

The Nodal Department for execution of Bio/Phyto- Remediation identified. The SPV also asked the Department to submit the locations where the phyto remediation/bio-remediation wherever feasible. Chief Secretary, during the review meeting held, has also directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation and also wrote DO letter to Administrative Secretaries, ULB, PHED, HSVP and D&P.

PHED has undertaken the *in-situ* phyto/bio remediation in its new STPs at Indri and Beri.

RYMC reported no significant work has been done. It has been emphasized in NGT orders that phyto/bio remediation works to be taken up as an interim measure till the construction of STPs/ sewerage network is completed. But, the progress in this field is almost nil.

10. Household Connections

The status of pending household's connections with sewer are as under:-

Catchment	No. of households	No. of sanctioned connections upto Feb, 2021	No. of sanctioned connections upto Mar, 2021	Pending household connections
Ghaggar	374575	215590	Not received	159985
Yamuna	341134	195731	Not received	145403

Monthly plan and progress for providing household connections with sewer is to be provided.

11. Reuse of treated sewage

PHED has submitted its plan to CPCB.

The monthly action plan for reuse of treated sewage may be provided. Monthly plan and progress may be submitted by PHED being the Nodal Department for each STP.

The monthly progress of the treated effluent being reused (where plan completed) is to be provided on the following format.

Sr. No.	Name and Address of STPs	Deptt.	Capacity	Flow of inlet (in MLD)	Treated Effluent (in MLD)	Quantum of Treated Effluent being reused (in MLD)	Mode of re-use (Irrigation/ Horticulture/ Industrial use/ any others)

12. Inspection of HYMC.

RYMC has recommended action against the defaulting officers who provided wrong information. The ATR be given for the same. The letters already issued on 27.11.2020 by HSPCB.

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken	Remarks
1	13.10.2020 36 MLD STP at Najafgarh road, Bahadurgarh. PHED	1. SCADA system was not working properly as oxygen level decreased upto 0.8 mg/l which is not acceptable.	1. SCADA system is working properly now and DO measurement at time of site visit was during the setting cycle in which anoxic condition prevail generally and DO levels are 0.5 to 1.0 mg/l.	Keeping in the above fact, 36 MLD STP may please be treated in complying position, as the same is running smoothly as per norms of Hon'ble NGT.
		2. Dissolved Oxygen sensors were not properly as at one place the reading was 3.8 mg/l and at the same time the reading at other place in the same Aeration Basin was 0.7 mg/l.	2. Dissolved Oxygen sensors were sent for repairs and now are full working and in place.	
		3. Screening grit was not proper as a lot of plastic garbage was visible in the Aeration Basin.	3. Plastic garbage which escapes the fine screens is manually cleaned every	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report	Remarks
		<p>4. Dissolved Oxygen sensors were not installed on 2nd SBR basin.</p> <p>5. Exercise infusion of recycling sludge which results in low bacterial activity thus results in low MLSS.</p> <p>6. Functional bypass arrangement is existing which is being used in odd hours.</p> <p>7. Inadequate sludge generation as compared to the existing inflow of sewage. Status of STPs submitted as complying to HYMC. Actions be initiated against the officers giving misleading information</p>	<p>day.</p> <p>4. The flow at the STP is around 10 MLD whereas the plant is designed for 36 MLD hence second SBR basin is not in use however DO sensors have been installed in 2nd SBR basin as well.</p> <p>5. MLSS is maintained at 2800 to 3000 mg/l now.</p> <p>6. Functional bypass arrangement is used during emergency only that too with permission from Competent Authority as well during emergency repairs.</p> <p>7. Sludge generated at STP is around 1100 to 1400 Kg/per day, which is disposed outside regularly.</p>	
2	13.10.2020	1. Grit channel was not working properly.	1. Grit is being removed	However, regular

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report	Remarks
	18 MLD STP Linepar, Bahadurgarh PHED		regularly and filtrate is being sent back to MPS..	industrial waste for 4-5 hours is observed everyday in influent. This may be due to the dyeing units near the STP whose effluent are discharged untreated into the sewer line. The inlet COD is very high based on grab sampling during the period., general countrywide lockdown no industrial influent was observed (Newspaper clippings attached) Keeping in the above facts, 18 MLD STP may please be treated in complying position, as the same is running smoothly as per norms of Hon'ble NGT.
		2. Anaerobic Digestion System (UASB) was not working properly.	2. UASB has efficiency of around 60% in terms of BOD removal (HCPB reports attached).	
		3. Biomethanization was not working properly as there was no methane (CH-14) formation and sludge blanket was also not visible.	3. Biogas is being regularly produced and sludge is being removed regularly, however sludge blanket being submerged in waste water deep around 3 meters is not visible by naked eyes.	
		4. Absence of DHS media in bio water.	4. 2 layers of Bio Tower are already filled with media.	
		5. Exercise foam formation.	5. As there is surface aeration in the ponds sulphides are converted into sulphates thus reducing the foul odor and causes foaming.	
		6. Online Monitoring System was not installed at inlet.	6. Online monitoring system is installed at outlet inlet parameters are being analyzed in	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report	Remarks
		<p>7. It is pertinent to mention here that the Tech Bulls Research and Engineering Consultants LLP in association with Research Group from Jamia Millia Islamia, New Delhi had submitted a detailed report indicating structural and operational deficiencies existing in the 18 MLD STP of PHED at Line Par Bahadurgarh. The PHED without considering the proposed modification/upgradations in the existing STP, they submitted that the STP is complying. Actions be initiated against the officers giving misleading information.</p>	laboratory at site.	
3	10.11.2020 09 MLD STP at Hodal and 09 MLD STP at Palwal PHED	<p>1. 9 MLD STP at Hodal</p> <ul style="list-style-type: none"> • Sludge Removal facility found non operational because Sludge Pump stolen from the site since the last 2 years. • Both the MBBR Aeration Basins are not functional. • Improper Aeration and lac of desired quantity of MBBR Media <p>2. 9 MLD STP at Palwal</p> <ul style="list-style-type: none"> • The STP was found operating properly. 		
4	11.11.2020 20 MLD STP	1. DO sensor was found non operational at time of inspection and was		

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken	Report Remarks
	at Radaur Road, Yamuna Nagar, 25 MLD STP at Radaur Road Yamuna Nagar. PHED	<p>displaying Faulty message.</p> <ol style="list-style-type: none"> 2. Excess sludge is being recycled to manipulate MLSS level. 3. Dead sludge is being recycled in Aeration Tank to manipulate Aeration. 4. By pass provision was found there. And as per operator Bypass of Inlet effluent is done without prior approval of competent Authority. 5. Inadequate Sludge generation and bench Centrifuge was not functioning property. Slurry was coming out from the sludge centrifuge. 6. Flow meter was not installed on Bye pass facility. 7. The sensor installed for online continuous effluent monitoring analyzed manipulated as they are having no major variation in readings for different quality of effluent. 		
5	11.11.2020 10 MLD STP at Baddi Majra, Yamuna Nagar PHED	<ol style="list-style-type: none"> 1. No sludge was observed. 2. Excess sludge is being recycled to manipulate MLSS level. 3. Dead Sludge is being recycled in Aeration tank to manipulate Aeration. 4. The sensor installed for online continuous effluent monitoring analyzed manipulated as they are having no major variation in readings for different quality of effluent. 5. One more STP of capacity 10 MLD was under construction and would be ready for commissioning by 31.12.2020. 		

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken	Report	Remarks
6	11.11.2020 24 MLD STP at Jagadhari, Yamuna Nagar PHED	1. MLSS was not found proper. 2. Excess sludge is being recycled to manipulate MLSS level. 3. Dead Sludge is being recycled in Aeration tank to manipulate Aeration. 4. The sensor installed at Final outlet of CCT should be replaced at CCT Tank inlet. 5. The treated effluent falling into WJC canal should be tapped and further needs to be diverted for the purpose of reuse/recycling. The construction work of laying pipeline/Trenchless pipe was in process to divert the discharge from WJC.			

13. Prior consent to establish (CTE) for new/ upgraded STPs

Status of CTE (Consent to Establish) not given for under upgradation STPs.

Sr. no.	Name of town/city	Under construction/ upgradation	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
River Yamuna						
1	Baddi Majra, Yamuna Nagar	Under construction	10	98%	Not received	CTE obtained on 03.09.2019.
2	Radaur Road, Yamuna Nagar	Under construction	20	Completed	Completed	CTE obtained on 10.05.2020
3	Baddi Majra, Yamuna Nagar	Under construction	10	Completed	Completed	CTE obtained on 28.01.2020
4	Gharaunda	Under construction	7	Completed	Completed	CTE obtained on 29.03.2017
5	Firozpur Jhirka	Under construction	5	Completed	Completed	CTE obtained on 09.01.2017
6	Indri	Under upgradation	4	Completed	Completed	Not given
7	Beri	Under upgradation	3	30%	Not received	Not given
8	Yamuna Nagar	Under upgradation	25	Completed	Completed	Not given
9	Raduar	Under upgradation	3.5	Completed	Completed	Not given
10	Chhachhrauli	Under	3	Completed	Completed	Not given

		upgradation				
11	Nissing	Under upgradation	4	Completed	Completed	Not given
12	Karnal	Under upgradation	8	Completed	Completed	Not given
River Ghaggar						
1	Bhuna	Under construction	8	92%	Not received	CTE obtained on 22.05.2019
2	Barara	Under construction	4	Completed	Completed	CTE obtained on 22.06.2020
3	Jind	Under construction	7	Completed	Completed	CTE obtained on 09.10.2019
4	Kurukshetra	Under construction	25	Completed	Completed	CTE obtained on 12.02.2018
5	Sirsa (Kelnia)	Under construction	20	Completed	Completed	CTE obtained on 27.10.2017
6	Fatehabad (Jakhal Mandi)	Under construction	3	Completed	Completed	CTE obtained on 10.02.2020.
7	Jind	Under upgradation	15	85%	Not received	Not given
8	Kaithal	Under upgradation	10	Completed	Completed	Not given
9	Pundri	Under upgradation	3.5	Completed and under trial run	Completed	Not given
10	Ellanabad	Under upgradation	7.5	Completed and under trial run	Not received	Not given
11	Fatehabad	Under upgradation	10	70%	Not received	Not given
12	Ratia	Under upgradation	6.5	75%	Not received	Not given
13	Tohana	Under upgradation	10	65%	Not received	Not given
14	Sirsa	Under upgradation	15	Completed and under trial run	Not received	Not given
15	Uchana	Under upgradation	2	25% Completed– Work delayed due to COVID 19. Efforts are being to completed by due date.	Not received	Not given

14. Providing flow meter at inlet, outlet and bypass of the STP and display of online data of the flow meter.

The Executive Committee has directed to provide the flow meter inlet, outlet and bypass of the STP. The STPs should be provided with flow meters as per directions. The online data for the same should be displayed on the website of the HSPCB for monitoring the same.

The Govt. of India has also pressed for ensuring utilization capacity of the STPs and ensures that all the sewerage is treated in STPs. The provision of flow meter shall ensure and help in monitoring the quantum of effluent being treated through a particular STP.

But flow meters are not installed at all the required places i.e. inlet, outlet and bypass arrangement in **37 STPs of PHED in Yamuna catchment, 33 STPs in Ghaggar catchment and 14 STPs in other areas.**

Status of flow meters provided by PHED at inlet, outlet and Bypass of STPs

River Yamuna

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
1	Yamuna Nagar	Yamuna Nagar	25	Yes	Yes	No
2	Yamuna Nagar	Radur Road, Yamuna Nagar	20	Yes	Yes	No
3	Yamuna Nagar	Parwaloo, Jagadhri	24	Yes	Yes	Yes
4	Yamuna Nagar	Chhachhrauli	3	Yes	Yes	No
5	Yamuna Nagar	Radaur	3.5	Yes	No	Yes
6	Yamuna Nagar	Baddimajra, Yamuna Nagar	10	Yes	Yes	No
7	Karnal	Gharaunda	7	Yes	No	No
8	Karnal	Indri	4	Yes	No	No
9	Karnal	Nilokheri	6	Yes	No	No
10	Karnal	Nissing	4	Yes	No	No
11	Karnal	Tarori	5.5	Yes	No	No
12	Panipat	Sewah, Panipat	35	Yes	No	No
13	Panipat	Jattal Road, Panipat	10	Yes	No	No
14	Panipat	Samalkha	5	No	Yes	No
15	Panipat	Sewah, Panipat	25	Total flow is being monitored by PLC and SACADA system.		
16	Panipat	Jattal Road, Panipat	20	Total flow is being monitored by PLC and SACADA system.		
17	Sonepat	Kharkhoda	4.5	Yes	Yes	NA
18	Sonepat	Ganaur	7	Yes	Yes	NA
19	Sonepat	Gohana	3	Yes	No	NA
20	Sonepat	Gohana	8.3	Yes	No	NA
21	Jhajjar	Kosli Road, Jhajjar	5.5	Yes	No	No
22	Jhajjar	Sampla Road, Jhajjar	5	Yes	No	No
23	Jhajjar	Beri	2	-	-	-
24	Jhajjar	Bahadurgarh	18	Yes	No	No
25	Jhajjar	Bahadurgarh	36	Yes	No	No
26	Rohtak	PGI Rohtak	19.5	Yes	Yes	-
27	Rohtak	Sonaria,	40	No	No	No

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
		Rohtak				
28	Rohtak	Kalanaur	3.5	Yes	-	-
29	Rohtak	Meham	5	Yes	-	-
30	Rohtak	Singhpura, Rohtak	10	Yes	No	No
31	Rohtak	Singhpura, Rohtak	14	No	No	No
32	Rohtak	Sampla	4	Yes	-	-
33	Nuh	Taoru	4.5	No	Yes	No
34	Nuh	Punhana	4.5	No	Yes	No
35	Nuh	Nuh	3.6	No	Yes	No
36	Nuh	Ferozepur Jhirka	5	No	No	No
37	Palwal	Hassanpur	3	Yes	Yes	No
38	Palwal	Hathin	4.5	Yes	No	No
39	Palwal	Hodal	9	No	Yes	No
40	Palwal	Palwal	9	Yes	No	No
41	Kurukshetra	Indri Road, Ladwa	7	Yes	Yes	Yes

River Ghaggar

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
1	Ambala	Naya Gaon, Unit-I, Ambala City	3.25	Yes	Yes	Yes
2	Ambala	Naya gaon, Unit-II, Ambala City	3.25	Yes	Yes	Yes
3	Ambala	Baldev Nagar, Unit-I, Ambala City	5	Yes	Yes	Yes
4	Ambala	Baldev Nagar, Unit-II, Ambala City	3.25	Yes	Yes	Yes
5	Ambala	Moti Nagar, Unit-I, Ambala City	5	Yes	Yes	NA
6	Ambala	Moti Nagar, Unit-II, Ambala City	5	Yes	Yes	NA
7	Ambala	Modal Town, Ambala City	6	Yes	Yes	Yes
8	Ambala	Nasirpur, Ambala City	3.25	Yes	Yes	Yes
9	Ambala	Sadipur	0.25	NA	Yes	NA
10	Ambala	Devi Nagar, Ambala City	3.25	Yes	Yes	NA
11	Ambala	Naraingarh	3	NA	Yes	NA
12	Kurukshetra	Modal Town, Pehowa	8	Yes	Yes	No
13	Kurukshetra	Ladwa Road, Shahbad	11.5	Yes	Yes	No
14	Kurukshetra	Thanesar	25	Yes	Yes	No
15	Panchkula	Kalka	4.5	Yes	Yes	No
16	Panchkula	Kalka	0.25	Yes	Yes	No
17	Panchkula	Nalagarh Road, Pinjore	5	Yes	Yes	No
18	Jind	Hansi Road, Jind	15	No	Yes	No
19	Jind	Narwana Road, Jind	5	No	Yes	No

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
20	Jind	Jind	7	Yes	Yes	NA
21	Jind	Patiala Road, Narwana	3.5	No	Yes	No
22	Jind	dharodi Road Narwana	3.75	No	Yes	No
23	Jind	Narwana	2	No	Yes	No
24	Jind	Near Railway, Uchana	2	No	Yes	No
25	Jind	Bhangra Road, Uchana	1.5	No	Yes	No
26	Jind	Safidon	9	Yes	Yes	No
27	Kaithal	Cheeka	10	-	Yes	-
28	Kaithal	Jind Road, Kaithal	10	Yes	Yes	No
29	Kaithal	Manas Road, Kaithal	10	Yes	Yes	No
30	Kaithal	Manas Road, Kaithal	10	Yes	Yes	No
31	Kaithal	Kalayath	5	-	Yes	-
32	Kaithal	Pundri	3.5	Yes	Yes	No
33	Hisar	Azad Nagar, Rajgarh Road Hisar	15	Yes	Yes	No
34	Hisar	Rishi Nagar, Hisar	40	Yes	Yes	Yes
35	Hisar	Kaimri road, Hisar	4	Yes	Yes	Yes
36	Hisar	Narnaund	4	Yes	Yes	-
37	Sirsa	Chautala Road, Dabwali	16.5	Yes	Yes	Yes
38	Sirsa	Shamsabad patti, Kalania Road, Sirsa	15	No	Yes	No
39	Sirsa	Kelnia	20	No	Yes	No
40	Sirsa	Vill. Nattar 1, Sirsa	5	No	Yes	No
41	Sirsa	Vill. Nattar 2, Sirsa	5	Yes	Yes	No
42	Sirsa	Daddu Road, Kalanwali	9.5	Yes	Yes	Yes
43	Sirsa	Ellenabad	7.5	No	Yes	No
44	Sirsa	Jevan Nagar, Rania	6	No	Yes	No
45	Fatehabad	Vill. Bhodia Khera, Bhattu Road, Fatehabad	10	No	Yes	No
46	Fatehabad	Vill. Amani, Tohana, Distt. Fatehabad	10	Yes	No	No
47	Fatehabad	Lali Road, Ratia	6.5	No	Yes	No
48	Fatehabad	Fatehabad	5	Yes	No	No
49	Fatehabad	Jakhal Mandi	3	Yes	No	No

Other catchment

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
1	Gurgaon	Sohna	6	Yes	No	NA
2	Gurgaon	Pataudi	4.5	Yes	Yes	NA
3	Gurgaon	Farrukhnagar	3	Yes	Yes	NA
4	Gurgaon	Haily Mandi	5.5	Yes	Yes	NA
5	Jind	Julana	4	No	Yes	No
6	Bhiwani	Dhana Road, Bhiwani	10	No	Yes	No
7	Bhiwani	Bhiwani	10	No	Yes	No
8	Bhiwani	Bhiwani	15	No	Yes	No
9	Bhiwani	Bhiwani	15	No	Yes	No
10	Bhiwani	Jhajjar Road, Charkhi Dadri	5	Installed but not	No	NA

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
				operational		
11	Bhiwani	Chiriya Road, Charkhi Dadri	5	Yes	Yes	No
12	Bhiwani	Bawani Khera	4.5	Yes	Yes	NA
13	Bhiwani	Loharu	3.5	No	Yes	NA
14	Bhiwani	Tosham	3	Yes	Yes	Yes
15	Bhiwani	Siwani	4	Yes	No	NA
16	Mohindergarh	Mohindergarh	6.5	No	Yes	No
17	Mohindergarh	Ateli Mandi	2	Yes	No	No
18	Mohindergarh	Kanina	3	Yes	Yes	Yes
19	Mohindergarh	Rewari Road, Narnaul	7.5	Yes	No	No
20	Rewari	Bawal	3	Yes	Yes	Yes
21	Rewari	Rewari	6.5	Yes	Yes	Yes
22	Rewari	Rewari	8	Yes	Yes	Yes
23	Rewari	Rewari	16	Yes	Yes	Yes
24	Rewari	Dharuhera	9.5	Yes	Yes	Yes
25	Rewari	Kosli	3	Yes	Yes	Yes
26	Ambala	Barara	4	Yes	Yes	NA
27	Karnal	Assandh	5	Yes	No	No
28	Hisar	Hansi	6.5	Yes	Yes	NA
29	Hisar	Dhani Gram, Barwala	6	Yes	Yes	NA
30	Hisar	Uklana	6.5	Yes	Yes	NA
31	Hisar	Dhani Kushal, Bhiwani Road, Hansi	5	Yes	Yes	Yes
32	Hisar	Lalpura- Jind Road, Hansi	7.5	Yes	Yes	Yes

15. Display of online data by the STPs.

The HSPCB is monitoring the data of pollution parameters of the treated effluent from the STPs. But the STPs are not displaying the data always remain offline most of the time. Which is a violation of the statutory directions of the State Pollution Control Board and conditions of the consent to operate granted to the STPs.

Sr. No.	River	Total STP	OMD not installed	Online	Offline	Delay
1	Yamuna	41	2	27	10	2
	Ghaggar	49	1	32	15	1
	Other Catchment	32	0	23	8	1
	Total	122	3	82	33	4

Status of Online Monitoring Devices and display of data

Sr. No.	Industry ID	Industry Name	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online /Offline
1	18YAM38113	25 MLD	Yamun	Yamuna	PHED	25	installed	Conne	Conne	Online

	0	STP Radaur Road, Yamuna Nagar by PHED in 2002	a Nagar	Nagar				ected with HSPC B	ected with CPCB	
2	18YAM264037	20 MLD radur road yamunanagar	Yamuna Nagar	Radur Road, Yamuna Nagar	PHED	20	installed	Conne cted with HSPC B	Not conne cted with CPCB	Online
3	19YAM904262	10 MLD STP Badi Majra, Yamuna Nagar by PHED March dt. 2000	Yamuna Nagar	Yamuna Nagar	PHED	10	installed	Conne cted with HSPC B	Conne cted with CPCB	Online
4	15YAM2472425	24 MLD STP Parwalo dt. Yamuna Nagar by PHED in 31.12.2018	Yamuna Nagar	Parwalo, Jagadhri	PHED	24	Installed	Conne cted with HSPC B	Conne cted with CPCB	Online
5	14YAM1295408	3 MLD STP Chhachhrauli, Yamuna Nagar by PHED in 31.12.2015	Yamuna Nagar	Chhachhrauli	PHED	3	Installed	Conne cted with HSPC B	Conne cted with CPCB	Offline
6	14YAM1273177	3.5 MLD STP Radaur, Yamuna Nagar by PHED 31.12.2015	Yamuna Nagar	Radaur	PHED	3.5	Installed	Conne cted with HSPC B	Not conne cted with CPCB	Offline
7	14KAR959987	7 MLD STP Gharaunda dt. Karnal by PHED in March dt. 2004	Karnal	Gharau nda	PHED	7	Installed	Conne cted with HSPC B	Conne cted with CPCB	Online
8	14KAR821938	4 (1.5) MLD STP Indri, Karnal by PHED in 2003	Karnal	Indri	PHED	4 (1.5) updated	Not installed	Not Conne cted with HSPC B	Not conne cted with CPCB	Not installed
9	14KAR1438394	6 MLD STP Nilokheri, Karnal by PHED in 1.8.2014	Karnal	Nilokheri	PHED	6	Installed	Conne cted with HSPC B	Conne cted with CPCB	Offline
10	14KAR1438454	4 MLD, Nissing Karnal by PHED in 10.8.2016	Karnal	Nissing	PHED	4	Installed	Conne cted with HSPC B	Conne cted with CPCB	Online
11	14KAR143848	5.5 MLD	Karnal	Tarori	PHED	5.5	Installed	Conne	Conne	Online

	5	STP Taraori, Karnal in 1.6.2016						ected with HSPC B	ected with CPCB	
12	14PIT944712	35 MLD STP Sewah, Panipat by PHED in March dt. 2000	Panipat	Sewah, Panipat	PHED	35	Installed	Conne cted with HSPC B	Conne cted with CPCB	Offline
13	14PIT944577	10 MLD STP Jattal Road, Panipat by PHED in March dt. 2000	Panipat	Jattal Road, Panipat	PHED	10	Installed	Conne cted with HSPC B	Conne cted with CPCB	Offline
14	14PIT890015	5 MLD STP Samalkha, Panipat by PHED in June dt. 2013	Panipat	Samalk ha	PHED	5	Installed	Conne cted with HSPC B	Conne cted with CPCB	Online
15	14PIT1450556	25 MLD STP Sewah, Panipat by PHED in April dt. 2016	Panipat	Sewah, Panipat	PHED	25	Installed	Conne cted with HSPC B	Conne cted with CPCB	Online
16	14PIT1472330	20 MLD STP Jattal Road, Panipat by PHED in April dt. 2016	Panipat	Jattal Road, Panipat	PHED	20	Installed	Conne cted with HSPC B	Conne cted with CPCB	Offline
17	14SON10009 95	4.5 MLD STP Kharkhoda Sonapat by PHED 1.8.2013	Sonepa t	Kharkho da	PHED	4.5	Installed	conne cted with HSPC B	Conne cted with CPCB	Online
18	14SON85102 6	7 MLD STP Ganaur Sonapat by PHED in 1.1.2012	Sonepa t	Ganaur	PHED	7	Installed	conne cted with HSPC B	Conne cted with CPCB	Online
19	14SON11559 22	3 MLD STP dt. Gohana , Sonapat by PHED in 1.11.2015	Sonepa t	Gohana	PHED	3	Installed	conne cted with HSPC B	Conne cted with CPCB	Offline
20	14SON85110 9	8.3 MLD STP Gohana, Sonapat by PHED in 2.7.2012	Sonepa t	Gohana	PHED	8.3	Installed	conne cted with HSPC B	Conne cted with CPCB	Online
21	15JHA200156 7	5.5 MLD STP Kosli Road,	Jhajjar	Kosli Road, Jhajjar	PHED	5.5	Installed	Conne cted with	Conne cted with	Online

		Jhajjar by PHED in March dt. 2007						HSPC B	CPCB	
22	14JHA1374689	5 MLD STP Sampla Road, Jhajjar by PHED in 3.11.2014	Jhajjar	Sampla Road, Jhajjar	PHED	5	Installed	Connected with HSPC B	Not connected with CPCB	Online
23	14JHA799507	2 MLD STP Beri Jhajjar by PHED in 10.1.2010	Jhajjar	Beri	PHED	2	Not Installed	Not Connected with HSPC B	Not connected with CPCB	Not installed
24	14JHA803924	18 MLD STP dt. Linepar, Bahadurgarh by PHED dt. October dt. 2012	Jhajjar	Bahadurgarh	PHED	18	Installed	Connected with HSPC B	Connected with CPCB	Online
25	14JHA1141755	36/10 MLD STP Najafgarh Road, Bahadurgarh by PHED in 1.4.2014	Jhajjar	Bahadurgarh	PHED	36	Installed	Connected with HSPC B	Connected with CPCB	Online
26	14ROH1311803	19.5 MLD STP , PGIMMS , Rohtak by PHED in 31.3.2016	Rohtak	PGI Rohtak	PHED	19.5	Installed	Connected with HSPC B	Connected with CPCB	Online
27	15ROH1724018	40 MLD dt. STP , Sonaria , Rohtak dt. PHED dt. 31.03.2016	Rohtak	Sonaria, Rohtak	PHED /ULB	40	Installed	Connected with HSPC B	Connected with CPCB	Delay
28	14ROH883972	3.5 MLD STP Kalanour , Rohtak by PHED in 1.10.2010	Rohtak	Kalanaur	PHED	3.5	Installed	Connected with HSPC B	Connected with CPCB	Online
29	14ROH799509	5 MLD STP, Meham , Bharan Road , Rohtak by PHED January dt. 2013	Rohtak	Meham	PHED	5	Installed	Connected with HSPC B	Connected with CPCB	Delay
30	15ROH1725507	10 MLD STP Singhpura, Rohtak by PHED in February dt. 2012	Rohtak	Singhpura, Rohtak	PHED (ULB D)	10	Installed	connected with HSPC B	Not connected with CPCB	Offline

31	14ROH1311864	14 MLD STP, Singhapura, Rohtak by PHED in 31.3.2015	Rohtak	Singhpura, Rohtak	PHED	14	Installed	connected with HSPCB	Connected with CPCB	Online
32	14ROH1067812	4 MLD STP Sampla Town Rohtak by PHED in 2011	Rohtak	Sampla	PHED	4	Installed	Connected with HSPCB	Connected with CPCB	Online
33	14GSMW1105598	4.5 MLD STP Tauru, Mewat Gurgoan (North) by PHED in 30.6.2017	Nuh	Taoru	PHED	4.5	Installed	Connected with HSPCB	Connected with CPCB	Offline
34	14GSMW1106164	4.5 MLD STP Punhana, Mewat Gurgoan (North) by PHED in 31.12.2015	Nuh	Punhana	PHED	4.5	Installed	Connected with HSPCB	Connected with CPCB	Online
35	16GSMW3287550	3.6 MLD Nuh, Mewat Gurgoan (North) by PHED in 25.11.2016	Nuh	Nuh	PHED	3.6	Installed	Connected with HSPCB	Connected with CPCB	Online
36	16GSMW3289507	5 MLD Firozpur jhirkha PHED mewat	Nuh	Ferozpur Jhirka	PHED	5	Installed	connected with HSPCB	Connected with CPCB	Online
37	14PAL1143518	3 MLD STP Hassanpur Palwal by PHED in 1.3.2016	Palwal	Hassanpur	PHED	3	Installed	Connected with HSPCB	Connected with CPCB	Online
38	14PAL1106257	4.5 MLD STP Hathin Palwal by PHED in 31.12.2015	Palwal	Hathin	PHED	4.5	Installed	Connected with HSPCB	Connected with CPCB	Online
39	13PAL425354	9 MLD STP, Hodal, Palwal by PHED in May dt. 2013	Palwal	Hodal	PHED	9	Installed	Connected with HSPCB	Connected with CPCB	Online
40	16PAL3660681	9 MLD STP, Palwal by PHED in June dt. 2007	Palwal	Palwal	PHED	9	Installed	Connected with HSPCB	Not connected with CPCB	Online
41	14KUR1154424	7 MLD STP Ladwa Kurukshetra by PHED in	Kurukshehra	Indri Road, Ladwa	PHED	7	Installed	Connected with HSPC	Connected with CPCB	Offline

		31.10.2016						B		
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STPs Ghaggar										
Sr. No.	Industry ID	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing STP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Parameter value Yes/No
										Online/Offline
1	14AMB932023	3.25 MLD STP Naya Gaon , Unit-I , Ambala City by PHED in January, 2011	Ambala	Naya Gaon, Unit-I, Ambala City	PHED	3.25	Installed	Connected with HSPCB	Connected with CPCB	Online
2	16AMB3138420	3.25 MLD STP Naya Gaon , Unit-II Ambala City by PHED in 1.4.2016	Ambala	Naya gaon, Unit-II, Ambala City	PHED	3.25	Installed	Connected with HSPCB	Connected with CPCB	Online
3	14AMB925753	5 MLD Baldev Nagar , Unit-I , Ambala City by PHED 1.12.2012	Ambala	Baldev Nagar, Unit-I, Ambala City	PHED	5	Installed	Connected with HSPCB	connected with CPCB	Online
4	16AMB3273769	3.25 Baldev Nagar , Unit-II ,Ambala City by PHED in 1.4.2016	Ambala	Baldev Nagar, Unit-II, Ambala City	PHED	3.25	Installed	Connected with HSPCB	Connected with CPCB	Online
5	14AMB930386	5 MLD Moti Nagar, Unit-I , Ambala City by PHED in June 2010	Ambala	Moti Nagar, Unit-I, Ambala City	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
6	16AMB3138506	5 MLD STP Moti Nagar , Unit-II , Ambala City by PHED Ambala in 1.8.2016	Ambala	Moti Nagar, Unit-II, Ambala City	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
7	14AMB935472	6 MLD STP Modal Town dt. Ambala City by PHED in 1.7.2012	Ambala	Modal Town, Ambala City	PHED	6	Installed	Connected with HSPCB	Connected with CPCB	Online
8	14AMB1246487	3.25 Nasirpur Ambala City by PHED in 31.9.2016	Ambala	Nasirpur, Ambala City	PHED	3.25	Installed	Connected with HSPCB	Connected with CPCB	Online
9	15AMB2254132	0.25 MLD Sadopur , Ambala PHED in 31.12.2016	Ambala	Sadopur	PHED	0.25	Installed	Connected with HSPCB	Connected with CPCB	Online
10	14AMB931970	3.25 MLD Devi Nagar , Ambala City by PHED on 31.5.2013	Ambala	Devi Nagar, Ambala City	PHED	3.25	Installed	Connected with HSPCB	Connected with CPCB	Online
11	14AMB998245	3 MLD STP Nariangarh , Ambala by PHED in 1.7.2014	Ambala	Nariangarh	PHED	3	Installed	Connected with HSPCB	Connected with CPCB	Offline
12	14KUR1169944	8 MLD STP Model Town , Pehowa	Kuruks hetra	Modal Town, Pehowa	PHED	8	Installed	Connected with HSPCB	Connected with CPCB	Online

		Kurukshetra by PHED in May dt. 2015								
13	14KUR1154496	11.5 MLD STP Ladwa Road , Shahbad Kurukshetra by PHED in May dt. 2016	Kuruks hetra	Ladwa Road, Shahbad	PHED	11.5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
14	18KUR186973	25 MLD STP Thanesar PHED Narkatari Kurukshetra	Kuruks hetra	Thanesar	PHED	25	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
15	14PAN1050850	4.5 MLD Kalka Panchkula by PHED in 30.3.2015	Panchk ula	Kalka	PHED	4.5	Installed	Connect ed with HSPCB	Not connect ed with CPCB	Online
16	16PAN3486164	0.25 MLD Kalka Panchkula by PHED in 28.5. 2017	Panchk ula	Kalka	PHED	0.25	Installed	connecte d with HSPCB	Connect ed with CPCB	Online
17	14PAN1101574	5 MLD STP Nalagarh Road, Manakpur, Pinjore Panchkula by PHED 31.1.2015	Panchk ula	Nalagarh Road, Pinjore	PHED	5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
18	14JIN814677	15 MLD STP by PHED Jind in Jan, 2009	Jind	Hansi Road, Jind	PHED	15	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
19	14JIN1155741	5 MLD STP Jind by PHED in 1.4.2016	Jind	Narwana Road, Jind	PHED	5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
20	17KAI4456125	7.5 MLD Kaithal by HUDA in 31.8.2016	Jind	Jind	PHED	7	installed	connecte d with HSPCB	Not connect ed with CPCB	Offline
21	13JIN493488	3.5 MLD Patiala Road , Narwana by PHED in Jan , 2011	Jind	Patiala Road, Narwana	PHED	3.5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
22	13JIN335460	3.75 MLD STP Narwana Jind by PHED in Jan , 2011	Jind	dharodi Road Narwana	PHED	3.75	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
23	14JIN1416842	2 MLD STP dt. PHED , Dablain Road, Narwana, Jind (24.5.2017)	Jind	Narwana	PHED	2	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
24	13JIN329262	2 MLD STP Uchana Jind by PHED in 22.2.2012	Jind	Near Railway, Uchana	PHED	2	Installed	Not Connect ed with HSPCB	Not connect ed with CPCB	Not connec ted with HSPC B and CPCB '---
25	14JIN1097131	1.5 MLD Uchana by PHED in 31.5.2013	Jind	Bhangra Road, Uchana	PHED	1.5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
26	15JIN2093836	9 MLD STP Safidon , Jind by PHED in	Jind	Safidon	PHED	9	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online

		31.05.2018								
27	15KAI1792233	10 MLD STP Cheeka , Kaithal by PHED in 1.4.2013	Kaithal	Cheeka	PHED	10	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
28	13KAI268748	10 MLD STP , Jind Road Kaithal by PHED in September , 2012	Kaithal	Jind Road, Kaithal	PHED	10	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
29	14KAI1357671	10 MLD STP Manas Road, Kaithal by PHED in June , 2006	Kaithal	Manas Road, Kaithal	PHED	10	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
30	15KAI2017462	10 MLD Manas Road, Kaithal bby PHED in Sep , 2012	Kaithal	Manas Road, Kaithal	PHED	10	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
31	15KAI1842699	5 MLD STP Jind by PHED in 1.4.2016	Kaithal	Kalayath	PHED	5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
32	14KAI1306188	3.5 Pundri Kaithal by PHED in 4.7.2014	Kaithal	Pundri	PHED	3.5	Installed	Connect ed with HSPCB	Not connect ed with CPCB	Offline
33	14HIS1437892	15 MLD STP Azad Nagar, Rajgarh Road Hisar by PHED in 31.12.2014	Hisar	Azad Nagar, Rajgarh Road Hisar	PHED	15	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
34	16HIS2794573	40 MLD STP Rishi Nagar , Hisar by PHED in 02.12.2017	Hisar	Rishi Nagar, Hisar	PHED	40	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
35	18HIS122502	4 MLD STP Kaimri Road, Hisar by PHED in 2018	Hisar	Kaimri road, Hisar	PHED	4	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
36	17HIS4746550	4 MLD STP Narnaund, Hisar by PHED	Hisar	Narnaund	PHED	4	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
37	14SIR1114082	16.5 MLD STP Dabwali, Sirsa by PHED in 30.6.2017	Sirsa	Chautala Road, Dabwali	PHED	16.5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
38	14SIR1006621	15 MLD STP dt. Shamsabad patti , Kalaria Road, Sirsa by PHED in 1.7.2012	Sirsa	Shamsab ad patti, Kalaria Road, Sirsa	PHED	15	Installed	Connect ed with HSPCB	Connect ed with CPCB	Offline
39	19SIR938282	20 MLD STP at kelnia sirsa by PHED	Sirsa	Kelnia	PHED	20	installed	Connect ed with HSPCB	Not connect ed with CPCB	Online
40	14SIR1037063	5 MLD STP ,Vill. Nattar 1 , Sirsa by PHED in 1.5.2013	Sirsa	Vill. Nattar 1, Sirsa	PHED	5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Delay
41	14SIR1359693	5 MLD STP , Vill. Nattar 2 , Sirsa by PHED in 14.09.17	Sirsa	Vill. Nattar 2, Sirsa	PHED	5	Installed	Connect ed with HSPCB	Connect ed with CPCB	Online
42	14SIR1154861	9.5 MLD STP, Daddu	Sirsa	Daddu Road,	PHED	9.5	Installed	Connect ed with	Connect ed with	Online

		Road,Kalanwali , Sirsa by PHED in 17.02.2018		Kalanwali					HSPCB	CPCB	
43	14SIR1105339	7.5 MLD STP Lalpura- Jind Road, Hansi , Hisar by PHED in 15.4.2014	Sirsa	Ellenabad	PHED	7.5	Installed	Connected with HSPCB	Connected with CPCB	Offline	
44	14SIR1154890	6 MLD STP Rania Sirsa by PHED in 30.6.2017	Sirsa	Jevan Nagar, Rania	PHED	6	Installed	Connected with HSPCB	Connected with CPCB	Online	
45	14FAT949523	10 MLD STP Vill. Bhodia Khera dt. Bhattu Road dt. Fatehabad by PHED in 1.4.2013	Fatehabad	Vill. Bhodia Khera, Bhattu Road, Fatehabad	PHED	10	Installed	Connected with HSPCB	Not connected with CPCB	Offline	
46	18FAT73617	10 MLD STP Vill.Amani, Tohana, Distt. Fatehabad by PHED in 1.4.2013	Fatehabad	Vill.Amani, Tohana, Distt. Fatehabad	PHED	10	Installed	Connected with HSPCB	Connected with CPCB	Online	
47	14FAT1104501	6.5 MLD STP Ratia , Fatehabad by PHED in 1.9.2014	Fatehabad	Lali Road, Ratia	PHED	6.5	Installed	Connected with HSPCB	Connected with CPCB	Offline	
48	17FAT4751449	5 MLD STP Kharati Khera Road, Fatehabad by PHED in 31.10.2018	Fatehabad	Fatehabad	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Offline	
49	18FAT641986	3.0 MLD , jakhal mandi, fatehabad	Fatehabad	Jakhal Mandi	PHED	3	installed	Connected with HSPCB	Not connected with CPCB	Online	

STPs of other catchment										
Sr. No.	Industry ID	Industry Name	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online
1	14GUNO826358	6 MLD STP Sohna Gurgaon (North) by PHED in 1.3.2014	Gurgaon	Sohna	PHED	6	Installed	Connected with HSPCB	Connected with CPCB	Offline
2	14GUNO1132194	4.5 MLD STP Pataudi Gurgaon (South) by PHED in 30.6.2017	Gurgaon	Pataudi	PHED	4.5	Installed	Connected with HSPCB	Connected with CPCB	Delay
3	18GUSO19861	03 MLD Sewrage Treatment Plant, , Aagar Road, Near Municipal Committee Office, Farrukhnagar, Gurugram (South) by	Gurgaon	Farrukhnagar	PHED	3	Installed	Connected with HSPCB	Connected with CPCB	Online

		PHED								
4	15GUSO1675536	5.5 MLD STP Haily Mandi Gurugram South)	Gurgaon	Gurgaon	PHED	5.5	Installed	Connected with HSPCB	Connected with CPCB	Online
5	14JIN1155472	4 MLD STP Julana ,Jind by PHED in 1.4.2016	Jind	Julana	PHED	4	Installed	Connected with HSPCB	Not connected with CPCB	Offline
6	15BHI2608679	10 MLD STP Dhana Road , Bhiwani by PHED in 24.3.2014	Bhiwani	Dhana Road, Bhiwani	PHED	10	Installed	Connected with HSPCB	Connected with CPCB	Online
7	15BHI2596149	10 MLD STP Dhana Road , Bhiwani by PHED in 16.6.2013	Bhiwani	Bhiwani	PHED	10	Installed	Connected with HSPCB	Connected with CPCB	Online
8	15BHI2608805	15 MLD Phase-I, Bhiwani by PHED in 1.10.2013	Bhiwani	Bhiwani	PHED	15	Installed	Connected with HSPCB	Connected with CPCB	Online
9	15BHI2609045	15 MLD Phase-II, Bhiwani by PHED in 1.6.2014	Bhiwani	Bhiwani	PHED	15	Installed	Connected with HSPCB	Connected with CPCB	Online
10	13BHI345917	5 MLD STP Jhajjar/ Delhi Road, Charkhi Dadri Bhiwani by PHED in 1.8.2014	Bhiwani	Charkhi Dadri	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
11	14BHI1109050	5 MLD STP Chiriya Road dt. Charkhi Dadri dt. Bhiwani by PHED 20.7.2013	Bhiwani	Charkhi Dadri	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
12	14BHI1268717	4.5 MLD STP Bawani Khera by PHED in 31.12.2015	Bhiwani	Bawani Khera	PHED	4.5	Installed	Connected with HSPCB	Connected with CPCB	Online
13	17BHI4699291	3.5 MLD STP Loharu Bhiwani by PHED in 30.11.2015	Bhiwani	Loharu	PHED	3.5	Installed	Connected with HSPCB	Connected with CPCB	Online
14	14BHI997134	3 MLD STP Tosham dt. Bhiwani by PHED on 01.07.2014	Bhiwani	Tosham	PHED	3	Installed	Connected with HSPCB	Not connected with CPCB	Online
15	15BHI2283489	4 MLD STP Siwani Bhiwani by PHED in 9.9.2014	Bhiwani	Siwani	PHED	4	Installed	Connected with HSPCB	Connected with CPCB	Online
16	14MAH1138514	6.5 MLD STP, Dulana Road, Mohindergarh by PHED in 1.9.2014	Mohindergarh	Mohindergarh	PHED	6.5	Installed	Connected with HSPCB	Connected with CPCB	Offline
17	14MAH1154651	2 MLD STP ,Ateli Mandi, Mohindergarh by PHED in 30.6.2016	Mohindergarh	Ateli Mandi	PHED	2	Installed	Connected with HSPCB	Connected with CPCB	Online

18	14MAH1139421	3 MLD STP Kanina dt. Mohindergarh by PHED in 30.4.2016	Mohindergarh	Kanina	PHED	3	Installed	Connected with HSPCB	Not connected with CPCB	Offline
19	14MAH1358974	7.5 MLD Rewari Road, Narnaul, Mohindergarh by PHED in 29.4.2015	Mohindergarh	Rewari Road, Narnaul	PHED	7.5	Installed	Connected with HSPCB	Connected with CPCB	Online
20	14REW1043342	3 MLD STP Bawal, Rewari by PHED in 31.3.2014	Rewari	Bawal	PHED	3	Installed	Connected with HSPCB	Not connected with CPCB	Online
21	14REW1053829	6.5 MLD STP Rewari by PHED on 1.10.2014	Rewari	Rewari	PHED	6.5	Installed	Connected with HSPCB	Not connected with CPCB	Offline
22	18REW792370	8 MLD STP Rewari by PHED 14.12.2007	Rewari	Rewari	PHED	8	Installed	Connected with HSPCB	Connected with CPCB	Online
23	14REW1188157	16 MLD STP Rewari by PHED in Sep. 2014	Rewari	Rewari	PHED	16	installed	connected with HSPCB	connected with CPCB	Online
24	15REW2194496	9.5 MLD Kharkhara, Dharuhera, Rewari by PHED in 30.6.2017	Rewari	Dharuhera	PHED	9.5	Installed	Connected with HSPCB	Connected with CPCB	Online
25	14REW1145097	3 MLD STP, Kosli, Rewari by PHED in 31.4.2016	Rewari	Kosli	PHED	3	Installed	Connected with HSPCB	Connected with CPCB	Offline
26	20AMB869023	4 MLD STP barara PHED in 30-11-2019	Ambala	Barara	PHED	4	Installed	Connected with HSPCB	Not connected with CPCB	Offline
27	14KAR992557		Karnal	Assandh	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
28	16HIS3570691	6.5 MLD, Hansi, hisar	Hisar	Hansi	PHED	6.5	Installed	connected with HSPCB	Not connected with CPCB	Online
29	14HIS1124965	6 MLD STP Dhani Gram, Barwala, Hisar by PHED in 9.12.2014	Hisar	Dhani Gram, Barwala	PHED	6	Installed	Connected with HSPCB	Connected with CPCB	Online
30	17HIS3805090	6.5 MLD STP Uklana, Hisar by PHED in 1.9.2017	Hisar	Uklana	PHED	6.5	Installed	Connected with HSPCB	Connected with CPCB	Online
31	14HIS1022099	5 MLD STP Dhani Kushal, Bhiwani Road, Hansi, Hisar by PHED in 15.4.2014	Hisar	Dhani Kushal, Bhiwani Road, Hansi	PHED	5	Installed	Connected with HSPCB	Connected with CPCB	Online
32	14HIS1022286	7.5 MLD STP Lalpura- Jind Road, Hansi, Hisar by PHED in 15.4.2014	Hisar	Lalpura- Jind Road, Hansi	PHED	7.5	Installed	Connected with HSPCB	Connected with CPCB	Offline

16. Estimation of sewage generation.

Estimation of sewage generation of Yamuna Nagar and Jagadhari needs to be re-verified as reported by RYMC. ULBD / PHED may apprise the progress on the same.

17. Observations raised by MoS, MoJS

- Hon'ble MoS, MoJS, during his visit to Panipat & Y Nagar advised that sewage flowing in Panipat drain be intercepted & diverted to existing STP for full utilization of STP at Sewah Rd.
- DG, NMCG (cum Secretary, MoJS) has also written a DO letter to CS in this regard. MS, URYB, also raised the issue with CPCB
- PHED may clearly indicate the feasibility of the option and apprise NMCG on the proposed course of action, accordingly.

18. Treatment Plants in Villages.

Monthly plan and progress not given by PHED for construction of STPs at 6 villages (Madlauda, Dadlana, Nangal Kheri, Siwah, Chulkana and Rana Majra).

19. STPs not meeting the prescribed parameters as per designed limits.

New standards for STPs have been fixed by Board and the BOD is prescribed as 10 mg/l. the STPs already designed to achieve BOD upto 10 mg/l have to achieve these standards from the date of orders i.e. 02.07.2020. Other STPs have to achieve the new standards by 02.07.2021.

But, 10 STPs of PHED which are already designed for 10 BOD in the past, are observed to be not meeting this parameters. This is a serious issue and Department need to address this immediately.

List of STPs designed for BOD of 10 mg/l but Non complying

River Ghaggar

Sr. No.	Name of STPs	Report No. & date	BOD mg/l (30)	COD mg/l (250)	PH (5.5 to 9.0)	TSS mg/l (100)	Fecal Coliform 100 MPN/100 ml	Compliance Status as per designed criteria
1.	(HSR-STP-005) 4 MLD STP, Kaimri Road, Hisar by PHED in 2018	1536-1537 dt. 02.04.2021	13.8	72	7.9	38	1700	Non complying

River Yamuna

Sr. No.	Name of STPs	Report No. & date	BOD mg/l (30)	COD mg/l (250)	PH (5.5 to 9.0)	TSS mg/l (100)	Fecal Coliform 100 MPN/100 ml	Compliance Status as per designed criteria
1.	(PNP-STP-001) 35 MLD STP Sewah, Panipat by PHED in March, 2000	737 dt. 07.04.2021	13	72	7.76	23	170	Non complying
2.	(PNP-STP-002) 10 MLD STP Jattal Road, Panipat by PHED in March, . 2000	742 dt. 07.04.2021	13	64	7.9	16	140	Non complying

3.	(PNP-STP-004) 25 MLD STP Sewah, Panipat by PHED in April, 2016	738 dt. 07.04.2021	12	60	7.8	15	390	Non complying
4.	(PNP-STP-005) 20 MLD STP Jattal Road, Panipat by PHED in April, 2016	741 dt. 07.04.2021	15	68	7.53	36	340	Non complying
5.	(JHJ-STP-001) 18 MLD STP, Linepar, Bahadurgarh by PHED, October, 2012	1415-1416 dt. 12.03.2021	35	204	8.1	98	15000	Non complying
6.	(RTK-STP-002) 40 MLD STP, Sonaria, Rohtak, PHED, 31.03.2016	1320-1321 dt. 22.02.2021	42	232	8.1	112	17000	Non complying
7.	(RTK-STP-008) 4 MLD STP Sampla Town Rohtak by PHED in 2011	1383-1384 dt. 08.03.2021	32	168	8	78	42000	Non complying
8.	(PWL-STP-001) 3 MLD STP Hassanpur Palwal by PHED in 1.3.2016	3 dt. 09.04.2021	24	96	7.7	72	36000	Non complying
9.	(PWL-STP-003) 9 MLD STP, Hodal, Palwal by PHED in May, 2013	5 dt. 09.04.2021	24	116	7.3	64	64000	Non complying

Urban Local Bodies Department

1. Actual utilization by Existing STPs.

River Yamuna

Sr. No	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
1	Gogharipur Road, Karnal by ULB	10	503 dt. 12.03.2021	Complying
2	RK Puram, Karnal by ULB	8	766 dt. 12.04.2021	Complying except Faecal Coliform
3	Transport Nagar, Karnal by ULB*	50	502 dt. 12.03.2021	Complying except Faecal Coliform
4	Shiv Colony, Karnal, by ULB	8	9 dt. 14.01.2021	Complying except Faecal Coliform
5	Rathdana Road, Sonapat by ULB	30	3775 dt. 22.09.2020	Complying except Faecal Coliform
6	Kakroi Road, Sonapat by ULB	25	3774 dt. 22.09.2020	Complying except Faecal Coliform
7	Singhpura, Rohtak by ULB*	10	TP has been inspected on 25.07.2020 and found under maintenance, the effluent is being treated through 14 MLD STP installed in the same premises.	
8	Badshahpur, Faridabad by ULB	45	10 dt. 14.04.2021	Non-complying

2. Under construction STPs

River Ghaggar

Target for U/C STPs by ULBD at Sukhdarshanpur and Billa was Dec, 2020 but extended to March, 2021 and June, 2021 respectively. Timelines are being extended time and again. NGT has already asked to take action against the erring officers who failed to complete the projects within timelines. **Action Taken Report for such defaults may be given.**

Sr. No.	Name of the Town/city	Capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
In progress					
1	12 Cross Road, Ambala	12	30.06.2021	28%	28%
2	Khatoli	0.75	31.03.2021	98%	98%
3	Sukhdarshanpur	0.75	31.03.2021	98%	99%
4	Billa	0.75	30.06.2021	90%	91%
5	Village Dabra	8	31.03.2021	98%	100%
6	Khuda Khurd, Ambala	12	30.06.2021	28%	28%
7	Babyal	10	30.06.2021	70%	75%
8	Shahpur Machhonda	7.5	31.06.2021	15%	15%
9	Saketri-STP	1.5	30.06.2021	12%	15%
	Total	55			

River Yamuna

Target of Peer Bodhi, Rohtak i.e. 30.09.2022 to be shortened. The timelines for STPs at Mirzapur and Partapgarh, Faridabad (30.11.2022) needs to be shortened. **CS directed DULB to monitor this issue for fast track construction in last meeting.**

Sr. No.	Name of town/city	Capacity (MLD)	Timelines	Revised timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
In Progress						
1	Shiv Colony, Karnal	8	31.12.2020	30.06.2021	71%	72%
2	Phooshgarh, Karnal	20	31.12.2020	30.06.2021	72%	73%
3	Garhi Bohar, Rohak	12	15.03.2021	30.06.2021	55%	60%
4	Singhpura, Rohtak	10	31.12.2020	31.03.2021	98%	98%
5	Peer Bodhi, Rohak	15	31.03.2022	30.09.2022	8%	10%
6	Mohmadpur Jharsa	2	31.12.2020	31.03.2021	98%	100%
7	Bandwari(Shifted from Sihi/Khedki Daula)	1	31.03.2021	30.06.2021	65%	75%
8	Faridabad, sector-21	10	31.07.2021	31.12.2021	10%	12%
9	Kithwari	10	31.12.2020	31.07.2021	44%	46%
10	Jodhpur Road, Palwal	15	31.12.2020	31.07.2021	50%	52%
11	Ferozpur, Palwal	2.5	31.12.2020	31.07.2021	50%	52%
12	Murthal Sonapat	3	30.06.2021	30.06.2021	23%	26%
13	Mirjapur, Faridabad	80	02.11.2022	30.09.2022	11%	14%
14	Partapgarh, Faridabad	100	02.11.2022	30.09.2022	11%	19%
Total		292.5				

3. Under proposal STPs

River Yamuna

Sr. No.	Name of the district	Name of the town/city	Capacity (MLD)	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
1	Panipat	Dev Colony, Panipat	15	In second time also, no bids has been recieved in the e-tender. Now the tender will be re-invited soon.	The tenders for the work for Construction of 2 nos SPTs 15 MLD and 25 MLD has been floated on etenders.hry.nic on dated 28.03.2021	The administrative approval of DPR for 133.9 Cr was approved by Govt. vide govt. letter No. XEN-1/DGULB/2020/1372 dated 14.05.2020 for nos. 28 newly approved colony. The DNIT is under approval from SLTC and then that the work will be started after inviting tenders.
2	Panipat	Barsat Road, Panipat	25			The administrative approval of DPR for 133.9 Cr was approved by Govt. vide govt. letter No. XEN-

Sr. No.	Name of the district	Name of the town/city	Capacity (MLD)	Progress upto Feb, 2021	Progress upto Mar, 2021	Remarks
					and the opening date of this tender is 28.04.2021.	1/DGULB/2020/1372 dated 14.05.2020 for nos. 28 newly approved colony. The DNIT is under approval from SLTC and then that the work will be started after inviting tenders.

4. Laying of sewer line

River Ghaggar

Work will be delayed at Ambala Sadar. Needs to be expedited.

Sr. No.	Name of town	Timelines	Length to be laid (in meters)	Progress upto Feb, 2021	Progress upto Mar, 2021	% age of work done	Remarks
1	Ambala City	31.03.2021	27825	25200	26972	96.93%	In progress
	Ambala Sadar	30.06.2021	256000	200100	203350	79.43%	In progress
2	Kaithal	31.03.2021	50166	48900	49000	97.68%	In progress
3	Hisar	31.03.2021	55178	45120	45120	81.77%	In progress

River Yamuna

Work will be delayed at Jagadhari, Palwal, Sonapat, Panipat, Rohtak, Faridabad and Bahadurgarh.

Sr. No.	Name of town	Timelines	Revised timelines	Length to be laid (in meter)	Progress upto Feb, 2021	Progress upto Mar, 2021	%age of work done	Remarks
1	Yamuna Nagar /Jagadhri	30.11.2020	31.03.2021	109320	82200	83400	76.29 %	In progress
2	Palwal	31.12.2020	31.07.2021	148700	97187	103666	69.71 %	In progress
3	Sonapat	31.12.2020	30.06.2021	63500	58600	60000	94.49 %	In progress
4	Panipat	31.07.2021	31.03.2022	211548	140000	150000	70.91 %	In progress
5	Rohtak	30.09.2020	30.09.2021	174690	101576	108670	62.21 %	In progress
6	Faridabad	31.12.2020	30.06.2021	450000	355000	363500	80.78 %	In progress
7	Karnal	31.12.2020	31.03.2021	152000	138000	139000	91.45 %	In progress
8	Bahadurgarh	31.07.2020	30.06.2021	72000	36000	42000	58.33 %	In progress

5. Interception of sewage (excluding Gurugram) in the un-approved areas

River Ghaggar

Sr. No.	Name of city MC	Deptt.	No. of locati	Quantum of effluent	Work Completed	Work in progress	Work not started

			on	to be diverted MLD	No. of location	Quantum (MLD)	No. of location	Quantum (MLD)	No. of location	Quantum (MLD)
1	Pehowa	ULBD	3	0.007	3	0.007	0	0	0	0
2	Cheeka	ULBD	2	0.6	2	0.6	0	0	0	0
3	Kaithal	ULBD	2	3.45	1	1	1	2.45	0	0
4	Panchkula	ULBD	10	6.42	4	1.92	5	4	1	0.5
5	Kalayath	ULBD	4	1.12	4	1.12	0	0	0	0
6	Thanesar	ULBD	5	10	5	10	0	0	0	0
	Total		26	21.597	19	14.647	6	6.45	1	0.5

The list is enclosed is as under:-

Sr. No	Name of MC		Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Mar, 2021	Remarks
1	Kaithal	1	Manas Road Kaithal Drain	2.45	Mar,21	Not received	There was no nearby sewer line in this colony. A sewer line in the colony adjacent to this colony was being laid under AMRUT Scheme and now the diversion of waste water of this colony to that sewer line is started after completion of the sewer line in the adjacent colony. This was the main reason of the delay in this work.
			Total	2.45			
2	Panchkula	1	STP of Toka	0.5	-	Not received	Work of setting up STP in village Toka is under progress. Approx. 95% work is complete at site and the untreated discharge shall be connected to STP by March, 2021.
3		2	STP of Billa	0.75	June, 21	Not received	Work of setting up of STP in village Billa is in progress under AMRUT Scheme. Approx. 80% work is complete at site and the untreated discharge shall be connected to STP by June 2021.
4		3	STP of Khatauli	0.75	Mar-21	Not received	Work of setting up of STP in village Khatauli is in progress under AMRUT Scheme. Approx. 96% work is complete at site and the untreated discharge shall be connected to STP by March 2021.
5		4	STP of Sukhdarshanpur	1.5	Mar-21	Not received	Work of setting up of STP in village Sukhdarshanpur is in progress under AMRUT Scheme. Approx. 92% work is complete at site and the untreated discharge shall be connected to STP by March 2021.
6		5	STP of Saketri	0.5	June, 21	Not received	Work of setting up of STP in village Saketri is in progress under AMRUT Scheme. Approx.

Sr. No	Name of MC	Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Mar, 2021	Remarks
						12% work is complete at site and the untreated discharge shall be connected to STP by June 2021
7		6	Drain of Tipra	0.5	Not received	The Drain / Nallah relates to Municipal Corporation
			Total	0.6		

Note:- Regarding the interception of 0.4 MLD sewage from Rajiv Indra Colonu, HSVP has intimated that **this point needs to be transferred to MC Panchkula. The comments of HSVP are as under:-**

“In view of the decision taken in the meeting held on 28.09.2020 under the Chairmanship of PSTCP the work of tapping of sewage of Rajiv & Indira Colony shall be carried out by HSVP as a deposit work of MC Panchkula. It was decided that for setting up of pumping station, MC, Panchkula shall provide 1000 sqyds land from the pocket ear marked as Shamshan Bhoomi. Commissioner MC was requested on 29.10.2020 to arrange the land to unavailable to this office to proceed further in the matter. However, nothing has been heard from MC Panchkula till date. **This point needs to be transferred to MC Panchkula**”.

River Yamuna-

The revised timelines for extension to be submitted to NGT alongwith justification and monthly action plan not provided in prescribed formats.

The status as per abstract provided is as under:-

100.5 MLD of effluent was proposed to be tapped/ diverted at 155 locations. Out of which 48.15 MLD effluents has been diverted at 90 locations.

Sr. No.	Name of city MC	No. of location	Quantum of effluent to be diverted MLD	Work Completed		Work in progress		Work not started	
				No. of location	Quantum (MLD)	No. of location	Quantum (MLD)	No. of location	Quantum in MLD
1	Yamuna Nagar	12	19.309	5	8.509	7	10.8	0	0
2	Rohtak	2	8	0	0	2	8	0	0
3	Sonepat	9	21.48	2	3.66	7	17.82	0	0
4	Gohana	3	1.45	3	1.45	0	0	0	0
5	Panipat	58	19.45	32	6.7	8	4.87	18	7.88
6	Bahadurgarh	17	6.35	14	4.91	3	1.44	0	0
7	Palwal	29	2.49	11	0.96	18	1.53	0	0
8	Ganaur	2	0	0	0	2	0	0	0
9	Radaur	1	0.3	1	0.3	0	0	0	0
10	Gharaunda	5	0.97	5	0.97	0	0	0	0
11	Kharkhoda	1	12.25	1	12.25	0	0	0	0
12	Jhajjar	6	3.55	6	3.55	0	0	0	0
13	Hodal	4	2.3	4	2.3	0	0	0	0
14	Nilokheri	2	1.3	2	1.3	0	0	0	0
15	Sampla	4	1.3	4	1.3	0	0	0	0
	Total	155	100.5	90	48.15	47	44.46	18	7.88

The list is enclosed is as under:-

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
Work in progress								
1	Yamunagar	1	Oil Hamida, Near Sahanpur village	ULBD	2.025		Mar-21	Work for construction of IPS was started but the work was stopped by shopkeepers. Now the work is again started.
2		2	Buria and Dyalgarh	ULBD	2.5	40	May-21	The work of laying of RCC pipes is completed. These pipes are to be tapped with 3.6 MLD IPS at Buria under AMRUT which is under construction and will be completed by 31/05/2021
3		3	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.
4		4	Near Yamuna Bridge Buria village (Parwaloo STP)	ULBD	1	28	May-21	The work of laying of RCC pipes is completed. These pipes are to be tapped with 3.6 MLD IPS at Buria under AMRUT which is under construction and will be completed by 31/05/2021.
5		5	Darwa village Dairy Complex	ULBD	1.5		Sep-21	As temporary arrangement 2 pits are excavated and waste water is diverted to these pits.
6		6	Nallah coming from railway workshop to JorianGurudwaraRadaur road Nallah falling into Ditch Drain	ULBD	1.25		May-21	The work of construction of 3 MLD IPS is in progress.
7		7	Near Hamida village	ULBD	2.025		May-21	The work is restarted and construction of collecting tank is completed.
			Total		10.8			
8	Rohtak	1	Peer MohodiMohalla	ULBD	6	--	Dec-21	Land of Peer Bodhi allotted recently in Makrouli Village and 10% work completed
9		2	SherVihar Mohalla	ULBD	2	--	Jun-21	Work is in progress and work 90% completed.
			Total		8			
10	Sonepat	1	ITI/Rohtak Bye-pass road	ULBD	2.44	70%	Apr-21	The progress of work will be slow due to narrow working space on the bank of drain no. 6

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
			to Kabirpur					and dispute create by local residents.
11		2	Kabirpur to Sikka Colony Bridge	ULBD	4.64	85	Apr-21	There are encroachments and laying of sewer line through trenchless technology in progress.
12		3	Aadarsh Nagar Bridge to Murthal Road Bridge	ULBD	3.17	56	Apr-21	The progress of work is slow due to narrow working space and encroachments on drain no. 06.
13		4	Murthal Road to Rishi Colony Bridge/Di sposal	ULBD	2.56	11.5	Jun-21	The progress of work is slow due to narrow working space and encroachments on drain no. 06.
45		1	Delhi Road Bridge to BawaTara na Bridge	ULBD	1.22	0	May-21	There are encroachments and laying of sewer line through trenchless technology in progress.
46		2	BawaTara na Bridge to Aadarsh Nagar Bridge	ULBD	1.59	0	Jun-21	There are encroachments and laying of sewer line through trenchless technology in progress.
47		3	Sikka Colony Bridge to Delhi Road Bridge	ULBD	2.2	0	May-21	There are encroachments and laying of sewer line through trenchless technology in progress.
			Total		17.82			
14	Panip at	1	Dutta Colony	ULBD	0.61	0	Jun-21	Work is in progress and will be completed by 31.12.2021.
15		2	Dutta Colony	ULBD	0.61	0	Jun-21	
16		3	Shondhapur	ULBD	2.45	0	Jun-21	
17		4	Shondhapur	ULBD	0.24	0	Jun-21	
18		5	Shondhapur	ULBD	0.24	0	Jun-21	
19		6	Shondhapur	ULBD	0.24	0	Jun-21	
20		7	Shondhapur	ULBD	0.24	0	Jun-21	
21		8	Shondhapur	ULBD	0.24	0		
			Total		4.87			
22	Bahadurgarh	1	Drain from Chhotu Ram Nagar	ULBD	0.45		30.06.2021	Laying of sewer line is under progress in AMRUT Scheme and work is in progress and 10% work has been completed.

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
23		2	Drain from Nai Basti	ULBD	0.34	Completed	30.06.2021	Work is in progress and 95 % work has been completed.
24		3	Nala/drain s from MIE area	ULBD	0.65		30.06.2021	Work is in progress
			Total		1.44			
25	Palwal	1	Lohagarh near Govt. School MC Palwal	ULBD	0.08	20%	Mar'21	Work is in progress
26		2	Parsuram Colony MC Palwal	ULBD	0.05	21%	Mar'21	Work is in progress
27		3	Near Nala in MC Palwal	ULBD	0.08	19%	Mar'21	Work is in progress
28		4	Lohagarh near ShamshanGhat in MC Palwal	ULBD	0.09	85%	Mar'21	Work is in progress
29		5	Hari Nagar Colony near Distributor y in MC Palwal	ULBD	0.03	54%	Mar'21	Work is in progress
30		6	Hari Nagar Colony near Golaya School in MC Palwal	ULBD	0.04	18%	Mar'21	Work is in progress
31		7	In front Paladium Hotel in MC Palwal	ULBD	0.06	19%	Mar'21	Work is in progress
32		8	Near Doaba Factory in MC Palwal	ULBD	0.03	28%	Mar'21	Work is in progress
33		9	Agwanpur Nangla W.No.1 in MC Palwal	ULBD	0.13	20%	Mar'21	Work is in progress
34		10	Panchwati Colony	ULBD	0.1	12%	Mar'21	Work is in progress

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
			near Shamshan Ghat in MC Palwal					
35		11	Near Tijuwala Mandir or Parsuram Colony Sohna road in MC Palwal	ULBD	0.1	32%	Mar'21	Work is in progress
36		12	Poultry Farm in MC Palwal	ULBD	0.14	25%	Mar'21	Work is in progress
37		13	New Bhatia Colony behind Meat Market in MCPalwal	ULBD	0.13	80%	Mar'21	Work is in progress
38		14	Near /Opp. BaghelChoupalDholagarh in MC Palwal	ULBD	0.06	21%	Mar'21	Work is in progress
39		15	Ramgarh Kithwari in MC Palwal	ULBD	0.11	22%	Mar'21	Work is in progress
40		16	Near Jodhpur road in MC Palwal	ULBD	0.09	15%	Mar'21	Work is in progress
41		17	Amar Colony in MC Palwal	ULBD	0.12	20%	Mar'21	Work is in progress
42		18	Near Dharam Public School on Agwanpur highway in MC Palwal	ULBD	0.09	100%	Mar'21	Completed
			Total		1.53			
43	Ganaur	1	Drain at Khubru Road	ULBD	0	13%	Jun-21	Sewrage lied under Public Health Department is Blocked. However, so many letter has

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
44		2	Drain at Panchi Road	ULBD	0	13%	Jun-21	been written to PHED for cleaning of blocked sewerage, Once Cleaning process done by PHED MC Ganaur will float the Tender Soon.
			Total		0			
Work not started								
48	Panipat	1	Ambala-Delhi Rly line, Geeta Colony	ULBD	0.2	0	Jun-21	The drains have been connected but some miscreants have damaged the diversion structure. The repair of damaged structure is under progress
49		2	Kutani Road	ULBD	0.11		Work Completed	Work Completed
50		3	Saini colony, w-24, near saini medicos-I	ULBD	2.45	0	Nov. 22	Due to non availability of any sewerage lines in this area the work of providing sewerage in this area has been added into the scope of already executing agency by the 45th SLTC. The work will be started by the agency on 05.04.2021.
51		4	Saini colony, w-24 near saini medicos-II	ULBD	0.61	0	Nov. 22	
52		5	Saini colony, w-24, corner of manohar park	ULBD	0.24	0	Nov. 22	
53		6	Saini colony, w-24, under Railway Line-I	ULBD	0.24	0	Nov. 22	
54		7	Saini colony, w-24, under Railway Line-II	ULBD	0.24	0	Nov. 22	
55		8	Shondhapur	ULBD	2.45	0	Nov. 22	
56		9	Shondhapur	ULBD	0.61	0	Nov. 22	
57		10	Laxmi Colony	ULBD	0	0	Nov. 22	
58		11	Arjun Nagar	ULBD	0	0	Nov. 22	
59		12	Kalu peer colony	ULBD	0	0	Nov. 22	
60		13	Gangaram Colony	ULBD	0	0	Nov. 22	
61		14	HariBagh Colony	ULBD	0	0	Nov. 22	

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
62		15	Indira Colony and Old Inds.Area	ULBD	0	0	Nov. 22	The sewerage recieved from this point is relates to PHED/HSIIDC
63		16	Geeta Colony	ULBD	0.49	0	Nov. 22	The drains have been connected but some miscrents have damaged the diversion structure. The repair of damaged structure is under progress
64		17	Indira Colony and Old Inds. Area	ULBD	0	0	Nov. 22	The sewerage recieved from this point is relates to PHED/HSIIDC
65		18	KabriFatak,Crossing w-24-I & II	ULBD	0.24	0	Nov. 22	Due to non availability of any sewerage lines in this area the work of providing sewerage in this area has been added into the scope of already executing agency by the 45th SLTC. The work will be started by the agency on 05.04.2021.
			Total		7.88			
Work completed								
66	Yamunanagar	1	Yamuna Gali	ULBD	1	Completed	Dec-20	Completed
67		2	Jindal Park	ULBD	1.503	Completed	Aug-20	Completed
68		3	Mamidi Village storm water to be connected ditch drain	ULBD	3	Completed		Completed
69		4	Shanti Colony	ULBD	1.503		15.02.2021	Work Completed
70		5	Azad Nagar	ULBD	1.503		15.02.2021	Work completed
				Total		8.509		
71	Sonepat	1	STP Rathdana to bandepur Briodge	ULBD	1.83	Completed	Aug-20	Completed
72		2	Bandepur Bridge to ITI/Rohtak Bye-pass road	ULBD	1.83	Completed	Oct-20	Completed
			Total		3.66			
73	Gohana	1	Near ChanderShekar Azad park	ULBD	0.25	Completed	Completed	Completed
74		2	Near pumping	ULBD	0.6	Completed	31.03.2019	Completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
			station (P.H) near Gumar Dharmshala					
75		3	Drain Bridge near Panipat Chungi	ULBD	0.6	Completed	31.03.2019	Completed
			Total		1.45			
76	Panipat	1	AbrahimLodhi	ULBD	0.12	Completed	31.05.2020	Completed
77		2	Arti Hospital	ULBD	0.1	Completed	31.05.2020	Completed
78		3	Devi Mandir	ULBD	0.1	Completed	31.05.2020	Completed
79		4	Desraj Colony , Sh.RamChowk	ULBD	0.065	Completed	31.05.2020	Completed
80		5	Rajiv Colony	ULBD	0.14	Completed	31.05.2020	Completed
81		6	Rajiv Colony,	ULBD	0.05	Completed	31.05.2020	Completed
82		7	Noorwala	ULBD	0.05	Completed	31.05.2020	Completed
83		8	Choturam Chowk	ULBD	0.15	Completed	31.05.2020	Completed
84		9	Choturam Chowk	ULBD	0.1	Completed	31.05.2020	Completed
85		10	11 Ward	ULBD	0.14	Completed	31.05.2020	Completed
86		11	Sanoli Road	ULBD	0.245	Completed	31.05.2020	Completed
87		12	Saini Colony	ULBD	0	Completed	31.05.2020	Completed
88		13	Saini Colony	ULBD	0	Completed	31.05.2020	Completed
89		14	Tehsil Area Bus Stand	ULBD	0.24	Completed	31.05.2020	Completed
90		15	Tehsil Area Salargang	ULBD	0.29	Completed	31.05.2020	Completed
91		16	Arti Hospital area	ULBD	0.24	Completed	31.05.2020	Completed
92		17	Devi madir	ULBD	0.24	Completed	31.05.2020	Completed
93		18	Kutani Road	ULBD	0.49	0	Nov. 22	Work completed
94		19	Kutani Road	ULBD	0.26	0	Nov. 22	
95		20	Desraj Colony	ULBD	0.36	Completed	31.05.2020	Completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
96		21	Desraj Colony JaganNath	ULBD	0.31	Completed	31.05.2020	Completed
97		22	Rajiv Colony	ULBD	0.34	Completed	31.05.2020	Completed
98		23	Rajiv Colony	ULBD	0.36	Completed	31.05.2020	Completed
99		24	Rajiv Colony	ULBD	0.24	Completed	31.05.2020	Completed
100		25	Nurwala	ULBD	0.24	Completed	31.05.2020	Completed
101		26	Saini Colony	ULBD	0.29	Completed	31.05.2020	Completed
102		27	Choturam Chowk	ULBD	0.36	Completed	31.05.2020	Completed
103		28	Choturam Chowk	ULBD	0.24	Completed	31.05.2020	Completed
104		29	Choturam Chowk	ULBD	0.24	Completed	31.05.2020	Completed
105		30	11 ward	ULBD	0.34	Completed	31.05.2020	Completed
106		31	Sanoli Road	ULBD	0.24	Completed	31.05.2020	Completed
107		32	Saini Colony	ULBD	0.12	Completed	31.05.2020	Completed
			Total		6.7			
108	Bahadurgarh	1	Nala along Kabir Basti	ULBD	0.8	Completed	Mar-20	Completed
109		2	Nala from R/Road both side	ULBD	0.3	Completed	Tapped	Completed
110		3	Both side of Nala from NehraNahri road	ULBD	0.4	Completed	Mar-20	Completed
111		4	Sewage/drain from Chhikara colony	ULBD	0.3	Completed	Mar-20	Completed
112		5	Sewage/drain from Durga colony	ULBD	0.15	Completed	Mar-20	Completed
113		6	Drain from Dharamvihar colony	ULBD	0.13	Completed	Mar-20	Completed
114		7	New Neta Ji Nagar Gali No. 9	ULBD	0.6	Completed		Completed
115		8	In ward No. 9 along	ULBD	0.4	Completed	Mar-20	Completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
			railway line near Mungeshpur drain					
116		9	Nala from Parnala road	ULBD	0.25		Mar-21	Work Completed
117		10	Nala from Nehru Park Colony	ULBD	0.5		Mar-21	Completed
118		11	Drain from Indra market	ULBD	0.3		Mar-21	Completed
119		12	Drain from Aggarwal Colony	ULBD	0.28		Mar-21	Completed
120		13	Drain from Vivekandan Nagar(Both side of Nehru Nehri road)	ULBD	0.15		Mar-21	Completed
121		14	Drain from Linepar colony	ULBD	0.35		Mar-21	Completed
			Total		4.91			
122	Palwal	1	In front of 15MLD MC Palwal	ULBD	0.05	Completed	Tapped	Completed
123		2	Bharat Colony on Ashwta Road in MC Palwal	ULBD	0.13	Completed	30.09.2020	Completed
124		3	Rehrana road Dholagarh in MC Palwal	ULBD	0.12	Completed	30.09.2020	Completed
125		4	Bhati Colony near Omaxe City in MC Palwal	ULBD	0.09	Completed	30.09.2020	Completed
126		5	Opp. Church in MC Palwal	ULBD	0.08	23%	Mar'21	completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
127		6	Parkash Colony MC Palwal	ULBD	0.11	17%	Mar'21	completed
128		7	Near VandeyM atram School in MC Palwal	ULBD	0.05	22%	Mar'21	completed
129		8	Hari Nagar Colony near Lohagarh in MC Palwal	ULBD	0.04	26%	Mar'21	Work is in progress
130		9	Near or Opposite Church on Nuh road in MC Palwal	ULBD	0.14	60%	Mar'21	Work is in progress
131		10	In front of Dholagarh Convent School in MC Palwal	ULBD	0.08	Completed	30.09.2020	Completed
132		11	Parkash Colony in MC Palwal	ULBD	0.07	21%	Mar'21	Work Completed
			Total		0.96			
133	Kharkhoda	1	Kharkhoda drain near partap school, Kharkhoda	ULBD	12.25	Completed	30.04.2019	Completed
			Total		12.25			
134	Gharaunda	1	Drain Near Kathuria Hotel (R/D 100/R)	ULBD	0.28	Completed		Completed
135		2	Drain near Passi colony	ULBD	0.09	Completed		Completed
136		3	Drain near Parth public School	ULBD	0.34	Completed		Completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
137		4	Drain Near Anokha colony	ULBD	0.24	Completed		Completed
138		5	Drain near Rana bagh colony (R/D 2/R)	ULBD	0.02	Completed		Completed
			Total		0.97			
139	Jhajjar	1	Sampla road	ULBD	0.75	Completed	28.02.2019	Completed
140		2	Gaji Kamal road	ULBD	0.5	Completed	28.02.2019	Completed
141		3	Babra road	ULBD	0.4	Completed	31.03.2019	Completed
142		4	Bhagat singh chowk (Bhaur Chowk)	ULBD	0.7	Completed		Completed
143		5	Chikkara Chowk	ULBD	0.6	Completed		Completed
144		6	Rewari road	ULBD	0.6	Completed	31.03.2019	Completed
			Total		3.55			
145	Radaur	1	Drain from KheraMoha halla to STP	ULBD	0.3	Completed	31.03.2020	Completed
			Total		0.3			
146	Hodal	1	Mini secretariat colony part-I	ULBD	0.5	Completed	30.06.2019	Completed
147		2	Extension Padwan colony	ULBD	0.5	Completed	30.06.2019	Completed
148		3	Extension of Charan Singh colony part-II	ULBD	1	Completed	30.06.2019	Completed
149		4	Mini secretariat colony part-II	ULBD	0.3	Completed	30.06.2019	Completed
			Total		2.3			
150	Nilokheri	1	Nilokheri Drain along Railway line	ULBD	0.25	Completed	30.11.2019	Completed
151		2	Rakshi Distributr	ULBD	1.05	Completed	30.11.2019	Completed

Sr. No	Name of MC		Name of Location	Deptt	Quantum of sewerage to be diverted	Progress	Timeline	Latest status
			y					
			Total		1.3			
152	Sampla	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			

6. Display of online data by the STPs.

The HSPCB is monitoring the data of pollution parameters of the treated effluent from the STPs. But the STPs are not displaying the data always remain offline most of the time. Which is a violation of the statutory directions of the State Pollution Control Board and conditions of the consent to operate granted to the STPs.

Sr. No.	Department	River	Total STP	OMD not installed	Online	Offline	Delay
STP							
1	ULB	Yamuna	9	5	1	3	0

Status of Online Monitoring Devices and display of data

Sr. No.	Industry ID	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing STP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Parameter value Yes/No
1	14FDBD1297958	45 MLD STP, Badshapur Faridabad by ULB in 1.9.2011	Faridabad	Badshapur, Faridabad	ULB	45	installed	Connected with HSPCB	Not connected with CPCB	Offline
2		50 MLD STP Partapgarh, Ballabgarh by PHED in 2.5.1999	Faridabad	Partapgarh, Ballabgarh	ULB	50	Not installed	Not Connected with HSPCB	Not connected with CPCB	Not installed
3		45 MLD Munjheri, Ballabgarh by PHED in	Faridabad	Munjheri, Ballabgarh	ULB	45	Not installed	Not Connected with HSPCB	Not connected with	Not installed

Sr. No.	Industry ID	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing STP and Capacity (MLD)	OCEM S installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Parameter value Yes/No
		2.5.1999							CPCB	
4	14KAR960291	40 MLD STP Karnal by PHED in March dt. 2001	Karnal	Near Sector-4, Karnal	ULB	40	Not installed	Not Connected with HSPCB	Not connected with CPCB	Not installed
5	16KAR3464111	10 MLD STP at Gogari Road, Karnal by PHED on 01.03.2018	Karnal	Goghari pur Road, Karnal	ULBD	10	Installed	Connected with HSPCB	Connected with CPCB	Offline
6	14KAR941250	8 MLD STP Kaithal Road, Karnal by PHED in March dt. 2000	Karnal	Kaithal Road, Karnal	ULB	8	Installed	Not Connected with HSPCB	Not connected with CPCB	Not connected with HSPCB and CPCB
7	16KAR3464836	STP 8 MLD STP Shiv Colony Near WJC, Karnal	Karnal	RK Puram, Karnal	ULBD (PHED)	8	Installed	Connected with HSPCB	Connected with CPCB	Online
8	14SON1001044	30 MLD STP Rathdana Road, Sonapat by PHED in 2003	Sonapat	Rathdana Road, Sonapat	PHED	30	Installed	Connected with HSPCB	Not connected with CPCB	Offline
9		25 MLD STP Kakrai Road, Sonapat by PHED in March dt. 2018	Sonapat	Kakroi Road, Sonapat	PHED	25	Not installed	Not Connected with HSPCB	Not connected with CPCB	Not installed

7. Under proposal CETPs

CETPs of Faridabad and Gurugram to be constructed by MCs concerned as per the decision taken on 11.08.2020 by ACS Finance. MCF started preparation for DPR for CETPs at Partapgarh and Badshahpur, Faridabad. Administrative approval accorded. ULBD intimated that the CETPs in Gurugram have to be constructed by GMDA. But GMDA intimated that the same is mandate of ULBD. **Issue needs to be resolved.**

Sr. No.	Name of CETP	Capacity in MLD	Deptt.	Timelines as per action plan	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Partapgarh, Faridabad	50	MCF	31.12.2022	Municipal Corporation, Faridabad has started preparation	Municipal Corporation, Faridabad has started preparation
2	Badshahpur, Faridabad	15	MCF	31.12.2022		

Sr. No.	Name of CETP	Capacity in MLD	Deptt.	Timelines as per action plan	Progress upto Feb, 2021	Progress upto Mar, 2021
					of DPRs for construction of CETP of 50 MLD in Partapgarh & WWTP of 65 MLD in Badshahpur. The administrative approval amounting to Rs. 595.87 Crore has been accorded by the Govt. vide letter memo No. EE-III/DULB/2020/4118 dated 16.10.2020.	of DPRs for construction of CETP of 50 MLD in Partapgarh & WWTP of 65 MLD in Badshahpur. The administrative approval amounting to Rs. 595.87 Crore has been accorded by the Govt. vide letter memo No. EE-III/DULB/2020/4118 dated 16.10.2020.

7. Action plan for achieving standards for faecal Coliform

HSPCB has issued orders for fixing up the new standards for STPs as per directions of NGT vide letter dated 02.07.2020 and all STPs have to comply with the same and the Departments should submit action plan for each STP. The timelines to achieve the Faecal Coliform standards are longer whereas the standards are applicable even today.

5 STPs have already been upgraded to achieve F. Coli standards out of total 7 STPs .

The monthly plan and progress of upgradation of remaining 2 STPs to achieve the standards of Faecal Coliform is not provided. The format for providing the monthly action plan is enclosed as Annexure-1

Yamuna Catchment

Department	Total No. of STPs	Already achieved Faecal standards MPN/100	Coliform 100	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
ULBD	7	5		2	0

8. Survey of sources of pollution.

River Ghaggar

Sr. No.	Department Name	Department Points	Action plan not required/completed	Received Action Plan	Pending Points
1	ULB	47	13	11	23

River Yamuna

Sr. No.	Department Name	Department Points	Received Action Plan	Action plan not required	Pending Points
1	ULBD	63	51	3	9

9. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. The action taken in this regard be appraised. Any adverse entry or reward given for successful accomplishment of any project is informed. The timelines are being extended without fixing the responsibility. **The action taken in this regard be submitted.**

10. Phyto-Bio Remediation of drains.

6 drains were assigned to ULBD for Bioremediation /phytoremediation i.e. drain no. 2 (Panipat), Mungeshpur Drain (Bahadurgarh), Leg-I & Leg-II drain of Gurugram, Budhiya Nallah and Gaunchi Drain of Faridabad. GMDA has initiated for Leg-I & Leg-II drains as mentioned above.

To explore the possibilities of bioremediation/phytoremediation of drains, MC, Faridabad and Sonipat had contacted to the expert Dr. Raman Sharma from NEERI. He had also visited to Faridabad & Sonipat but the detailed survey report along with the suggestions was not received from NEERI.

Thereafter, in view of urgency, it was decided in May 2020 to appoint M/s Wapcos Ltd. for preparation of DPR/DNIT for Bioremediation/Phytoremediation of these drains after checking the feasibility of the same.

But after survey of the drains Wapcos has shown its concern regarding the feasibility and success of the Bioremediation and Phytoremediation for these drains due to high discharge & non availability of sufficient width of drain required to achieve the desired results. Moreover there is large variation of discharge in the drains during monsoons & dry weather.

After having a detailed discussions with representatives of M/s Wapcos in the meeting held on 02.06.2020, M/s Wapcos & concerned MCs are directed to explore the possibilities of bioremediation/phytoremediation of the certain sections of drains in question as a pilot project.

As a pilot project, MC, Yamunanagar has allotted the work of bioremediation of drains and the work is likely to be started soon. The model will also be replicated at other locations, if successful. MC, Yamunanagar has proposed the following drains in which bio remediation is to be started:-

S. No.	Drain Location	Discharge (MLD)
1.	Shanti Colony (Mundamajra)	1.503
2.	Yamuna Gali	1.0
3.	Old Hamida near Saharanpur bridge	2.025
4.	Buria/Dayalgarh	2.5
5.	Main nala coming from Jagadhri falling into ditch drain	22.05
6.	Near Yamuna bridge Buria village	1.0
7.	Joria Gurudwaranala falling into ditch drain	1.25
8.	Jindal Park near IPS	1.503
9.	Azad Nagar	1.5
10.	Old Hamida	2.025
	Total	36.356

MC, Sonapat has also invited the tenders for bioremediation of drains which is likely to be finalized by end of the Dec-2020.

The SPV also asked the Department to submit the locations where the phyto remediation/bio-remediation is feasible. The location and physical progress achieved be informed.

RYMC reported no significant work has been done. It has been emphasized in NGT orders that phyto/bio remediation works to be taken up as an interim measure till the construction of STPs/ sewerage network is completed. But, the progress in this field is almost nil.

11. Household Connections

Catchment	No. of households	No. of sanctioned connections upto Feb, 2021	Progress upto Mar, 2021	Pending household connections
Yamuna	811519	484342	Not received	327177

Monthly plan and progress for providing household connections with sewer is to be provided.

12. Septage Management and action plan for non point sources/ through tankers.

RYMC observing the possible delay in construction of STPs and sewer network, emphasized that the State should immediately adopt a parallel plan for implementing a solid septage management policy in un-sewered areas, as being followed up in Tamil Nadu, Telangana and Delhi. ULBD informed that a State level policy has already been framed and many ULBD have also adopted at local level, but its implementation and monitoring mechanisms are yet to be firmed up. Chief Secretary advised the ULBD to immediately implement the system through special efforts and further directed that District level drives be initiated by ULBD along with district administration and District Level Task Forces, constituted by NGT, and such tankers, engaged in illegal discharge may be seized by the concerned authorities, following the due process.

Further, MCs have also started challaning of the tankers disposing septage illegally. 7 violation observed in Yamuna catchment and EC of Rs. 1,30,000 is recovered from the violators.

Total quantum of sewage disposed through tankers in Yamuna and Ghaggar catchment for the month of January, 2021 is 55.7 MLD and 7.3 MLD respectively.

Month wise ATR against the violators may be provided by ULBD. There are media reports for illegal tankers at Panipat, Sonapat. Need action on priority

13. Prior consent to establish (CTE) for new/ upgraded STPs

Sr. no.	Name of town/city	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
River Yamuna					
1	Shiv Colony, Karnal	8	71%	72%	Not given
2	Phooshgarh, Karnal	20	72%	73%	Not given
3	Garhi Bohar, Rohak	12	55%	60%	Not given
4	Singhpura, Rohtak	10	98%	98%	Not given
5	Peer Bodhi, Rohak	15	8%	10%	Not given
6	Sarai Alawardi	1	100%	100%	Not given
7	Gadoli Kalan	1	100%	100%	Not given
8	Baliawas (against Gwalpahadi)	1	100%	100%	Not given
9	Mohmadpur Jharsa	2	98%	100%	Not given
10	Darbaripur	1	100%	100%	Not given
11	Bandwari(Shifted from Sihi/Khedki Daula)	1	65%	75%	Not given
12	Faridabad, sector-21	10	10%	12%	Not given
13	Kithwari	10	44%	46%	Not given

Sr. no.	Name of town/city	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
14	Jodhpur Road, Palwal	15	50%	52%	Not given
15	Ferozpur, Palwal	2.5	50%	52%	Not given
16	Murthal Sonapat	3	23%	26%	Not given
17	Mirjapur, Faridabad	80	11%	14%	Not given
18	Partapgarh, Faridabad	100	11%	19%	Not given
19	RK Puram, Karnal	8	Completed	Completed	Not given
20	Transport Nagar, Karnal	50	Completed	Completed	Not given
River Ghaggar					
1	12 Cross Road, Ambala	12	28%	28%	Not given
2	Khagesara & Toka	0.5	100%	100%	Not given
3	Khatoli	0.75	98%	98%	Not given
4	Sukhdarshanapur	0.75	98%	99%	Not given
5	Billa	0.75	90%	91%	Not given
6	Village Dabra	8	98%	100%	Not given
7	Khuda Khurd, Ambala	12	28%	28%	Not given
8	Babyal	10	70%	75%	Not given
9	Shahpur Machhonda	7.5	15%	15%	Not given
10	Saketri-STP	1.5	12%	15%	Not given
11	Nangal & Allipur	0.5	Completed	Completed	Not given
12	Kot	0.75	Completed	Completed	Not given

14. Shifting of industries.

Industrial units in non-conforming areas: Y Nagar / Jagadhri, Sonapat, Panipat, Rohtak & Faridabad

Actions taken so far for shifting of units in Y Nagar / Jagadhri- Industry Department may inform the status.

Regarding industrial units in non conforming areas at Sonapat (Kundli), Faridabad & Panipat.

Yamuna Nagar/Jagadhari

Industries Department intimated vide their letter dated 10.07.2020 and DO letter dated 28.07.2020 from PS, Industries that it was decided in the meetings held under the Chairmanship of PS, Industries on 13.01.2020 and 16.03.2020 that PHED will provide land to HSIIDC for construction of 1 CETP of about 20 MLD capacity at Jagadhari and another CETP of 10 MLD capacity at Yamuna Nagar. HSIIDC had requested PHED to provide land and survey details of industries, sewerage plan and quantum of total effluent from industries located in above areas. It was also decided that IIT, may engaged to take up the study of sewerage system of Jagadhari and Yamuna Nagar towns to suggest what can be done to treat the mixed discharge i.e. D.E and T.E. Accordingly, HSIIDC had requested IIT, Roorkee to depute a team of experts for the same. IIT Roorkee team has visited the sites at Jagadhari and Yamuna Nagar on 13.07.2020 and has sought some more information relating to PHED and industries, which is being arranged.

Sonepat, Faridabad and Panipat

Regarding industries units in non conforming areas at Sonepat (Kundli), Faridabad and Panipat, matter pertains to ULBD. Progress may be apprised by ULBD.

20. Estimation of sewage generation.

Estimation of sewage generation of Karnal and Panchkula needs to be re-verified as reported by RYMC. ULBD / PHED may apprise the progress on the same.

21. Providing flow meter at inlet, outlet and bypass of the STP and display of online data of the flow meter.

The Executive Committee has directed to provide the flow meter inlet, outlet and bypass of the STP. The STPs should be provided with flow meters as per directions. The online data for the same should be displayed on the website of the HSPCB for monitoring the same.

The Govt. of India has also pressed for ensuring utilization capacity of the STPs and ensures that all the sewerage is treated in STPs. The provision of flow meter shall ensure and help in monitoring the quantum of effluent being treated through a particular STP

Status of flow meters provided by ULBD at inlet, outlet and Bypass of STPs

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
STPs						
1	Faridabad	Badshahpur, Faridabad	45			
2	Faridabad	Partapgarh, Ballabgarh	50	No	No	No
3	Faridabad	Munjheri, Ballabgarh	45	Yes	No	No
4	Karnal	Near Sector-4, Karnal	40	-	-	-
5	Karnal	Gogharipur Road, karnal	10	Yes	Yes	No
6	Karnal	Kaithal Road, Karnal	8	No	Yes	No
7	Karnal	RK Puram, Karnal	8	No	Yes	No
8	Sonepat	Rathdana Road, Sonepat	30	No	No	No
9	Sonepat	Kakroi Road, Sonepat	25	Yes	No	No

22. Inspection of HYMC.

RYMC has recommended action against the defaulting officers who provided wrong information. The ATR be given for the same. The letters already issued on 27.11.2020 by HSPCB.

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
1	01.10.2020	1. STP is non functional. 2. All the mechanical and electronic components are	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
	45 MLD STP at Badshahpur Faridabad ULBD	<p>either missing or damaged.</p> <p>3. Out of 4 Aeration Basins only one is partially functional.</p> <p>4. The Trunk Sewer carrying effluent from the catchment area is non functional and only 5 to 7 MLD Sewage is reaching to the STP.</p> <p>5. The Untreated Sewage is inundating the adjoining fields and being discharged through Budia Nallah and Mawai Drain.</p> <p>6. The Chief Engineer ULB (HQ) and Superintending Engineer MCF submitted the status, of the STP as complying. They are submitting misleading information to HYMC Haryana w.r.t. above mentioned STP at Badshahpur Faridabad vide Memo No. Tech/ NGT/DGULB/2020/3597 dated 30.09.2020 and Memo No. SE-1/MCF/2020/47 dated 30.09.2020. Action may be initiated against the officers for submitting misleading Information</p>	

HSVP Department

1. Actual utilization by Existing STPs.

River Ghaggar

Sr. No.	Name and Region of STPs	Existing STP and Capacity (MLD)	A/R No. and date	Latest Compliance Status
1	2 MLD STP Sec.7 , Urban Estate , Ambala City Ambala by HUDA in 10.9.2015	2	747 dt. 07.04.2021	Complying except Faecal Coliform
2	18 MLD STP Panchkula by HUDA in 31.12.2002	18	601 dt. 24.03.2021	Complying except Faecal Coliform
3	39 MLD STP Panchkula by HUDA in Nov. 2011	39	602 dt. 24.03.2021	Complying
4	15 MLD STP Sector- 28, Panchkula by HUDA in 2012	15	484 dt. 12.03.2021	Complying
5	10 MLD by HUDA Jind in 27.12.2014	10	1495-1496 dt. 26.03.2021	Complying except Faecal Coliform
6	7.5 MLD Kaithal by HUDA in 31.8.2016	7.5	1425-1426 dt. 16.03.2021	Complying except Faecal Coliform
7	15 MLD STP Dabara Tosham Road , Hisar by HUDA in 31.7.2014	15	1534-1535 dt. 02.04.2021	Complying except Faecal Coliform
8	10 MLD STP Majra, Fatehabad by HUDA in 16.12.17	10	31-32 dt. 15.04.2021	Non- Complying
9	15 MLD STP Kurukshetra by HSVP	15	671 dt. 25.03.2021	Complying except Faecal Coliform

River Yamuna

Sr. No	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
1	Sec-19, Panipat by HSVP	30	736 dt. 07.04.2021	Complying except Faecal Coliform
2	Sec-6, Panipat by HSVP	0.8	735 dt. 07.04.2021	Complying except Faecal Coliform
3	Rajiv Gandhi Edu. City, Phase-I, Sonapat by HSVP	7.5	596 dt. 24.03.2021	Complying
4	Sec-25, Rohtak by HSVP	10	1319 dt. 22.02.2021	Non-complying
5	Sec-36, Bahadurgarh by HSVP	10	1391-1392 dt. 08.03.2021	Complying

2. Under Construction STPs

River Ghaggar

Sr. No.	Name of the Town/city	Capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Ambala	5	31.03.2021	96%	100%
2	Sirsa	7.5	31.12.2021	70%	75%
	Total	12.5			

River Yamuna

Sr. No.	Name of town/city	Capacity (MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Faridabad	7.5	31.03.2021	98%	100%
2	Sonepat (Aterna)	15	31.12.2021	51%	53%
3	Rohtak	10	31.12.2021	45%	55%
4	Rohtak	30	30.06.2022	28%	30%
	Total	62.5			

3. Under upgradation STPs

River Yamuna

Sr. No.	Name of town/city	Present capacity after upgradation (in MLD)	Proposed capacity after upgradation (in MLD)	Technology of present STP and proposed technology after upgradation	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Sector-25, Rohtak	10	10	UASB/SBR	31.12.2021	25%	35%
2	Sector-36, Bahadurgarh	10	10	EPA/SBR	31.12.2021	22%	24%
	Total	20	20				

4. Under proposal STPs

River Ghaggar

Sr. No.	Name of the District	Name of the town/City	Capacity (MLD)	Timelines	Status as on 28.02.2021	Progress upto Mar, 2021
1	Ambala	Sector-32, Ambala Cantt.	5	31.12.2027	Sewage is lifted to the existing 2 MLD STP of HSVP in Ambala.	Not received
2	Ambala	Naraingarh	1	31.12.2024	Sewage is lifted to the existing STP of PHED in Naraingarh.	Not received
3	Panchkula	Pinjore	8	31.12.2027	No discharge yet.	Not received
4	Jind	Jind	5	31.12.2027	The existing 10 MLD STP is sufficient.	Not received
5	Hisar	Hansi	5	31.12.2027	Present discharge, though very little, is being treated in existing STP.	Not received

Sr. No.	Name of the District	Name of the town/City	Capacity (MLD)	Timelines	Status as on 28.02.2021	Progress upto Mar, 2021
6	Hisar	Hisar	10	31.12.2024	Sewage is lifted to the existing 15 MLD STP of HSVP in Hisar.	Not received
7	Hisar	Hisar	5	31.12.2026	No discharge yet.	Not received
	Total		39			

5. Interception of sewage.

Concerned Department may be intimated where HSVP is submitting that the discharge is not from HSVP area.

River Ghaggar

Sr. No.	Name of city MC	No. of location	Quantum of effluent to be diverted MLD	Work Completed		Work in progress		Work not started	
				No. of location	Quantum (MLD)	No. of location	Quantum (MLD)	No. of location	Quantum (MLD)
1	Panchkula	11	7.02	2	0.37	5	4.75	4	1.9
	Total	11	7.02	2	0.37	5	4.75	4	1.9

The list is enclosed is as under:-

Sr. No	Name of MC		Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Mar, 21	Remarks
1	Panchkula	1	Near Issar Nagar	0.5	Does not relates to HSVP	Not started	This discharge is not from HSVP area.
2		2	Bridge 17/18	0.3	31.03.2021	In progress	Identification of points of mixing is in progress at site. Likely date of completion of work is 31.03.2021.
3		3	sector-17	0.4	28.02.2021	In progress	Sewer line has been laid for tapping this sewage discharge permission for making the roads cuts has been recently received from MC Panchkula. The work will be completed by 28.02.2021.
4		4	Rajiv Indra colony	0.4		Not started	In view of the decision taken in the meeting held on 28.09.2020 under the Chairmanship of PSTCP the work of tapping of sewage of Rajiv & Indira Colony shall be carried out by HSVP as a deposit work of MC Panchkula. It was

Sr. No	Name of MC		Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Mar, 21	Remarks
							decided that for setting up of pumping station, MC, Panchkula shall provide 1000 sqyds land from the pocket ear marked as Shamshan Bhoomi. Commissioner MC was requested on 29.10.2020 to arrange the land to unavailable to this office to proceed further in the matter. However, nothing has been heard from MC Panchkula till date. This point needs to be transferred to MC Panchkula.
5		5	Sec-17, near # 1023	0.25	28.02.2021	In progress	Sewer line has been laid for tapping this sewage discharge permission for making the roads cuts has been recently received from MC Panchkula. The work will be completed by 28.02.2021.
6		6	opp. New Guga mari	1	31.05.2021	Not started	The DNIT has been prepared & is under approval. The likely date of completion of this work is 31.05.2021.
7		7	4/12 bridge near h. no. 869 sec-12	2.8	Feb, 21	In progress	Present discharge = 0.2 MLD i) 80% untreated sewerage of Sector-4 has been identified and diverted to sewer line instead of open Nallah. ii) Balance 20% work under progress 1025 mtr. Sewer laid and work is likely to be completed upto 28.02.2021. ii)Sewerline 1010 mtr. (110 mtr. + 900mtr) has been laid in bed of Singh Nallah choe in Sector- 12,12A respectively for tapping sewer effluent upto STP. Balance work in Sector-12 & Ind. Area Ph-I, Panchkula is in progress and work is likely to be

Sr. No	Name of MC		Name of Location	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress upto Mar, 21	Remarks
							completed upto 28.02.2021.
8		8	Near harinder mandir central bridge 12A	1	Feb, 21	In progress	About 90% work has been completed; further work is in under progress. Likely date of completion 8.02.2021.
9		9	Near old Panchkula left side NH-22	4893 (during flood season only)		Not received	This discharge is not from HSVP area.
10		10	Sec-5, MDC Bridge	0.25	-	Completed	Completed
11		11	GH-1, Sec-5MDC	0.12	-	Completed	Completed

6. Display of online data by the STPs/CETPs.

The HSPCB is monitoring the data of pollution parameters of the treated effluent from the STPs. But the STPs are not displaying the data always remain offline most of the time. Which is a violation of the statutory directions of the State Pollution Control Board and conditions of the consent to operate granted to the STPs.

Sr. No.	Department	River	Total STP	OMD not installed	Online	Offline	Delay
STP							
1	HSVP	Ghaggar	9	2	5	2	0
2		Yamuna	5	1	3	0	1
		Total	14	3	8	2	1
CETP							
1	HSVP	Yamuna	2	0	2	0	0
		Total	2	0	2	0	0

The list is enclosed is as under:-

HSVP Yamuna										
1	16PIT3361 196	30 MLD STP Sector 19 panipat HSVP	Panipat	Sec-19, Panipat	HSVP	30	Installed	connected with HSPCB	Connected with CPCB	Online
2	16PIT3361 561	0.8 MLD STP sector-6, panipat HSVP	Panipat	Sec-6, Panipat	HSVP	0.8	Installed	Connected with HSPCB	Connected with CPCB	Delay
3	15SON220 9413	7.5 MLD Sonapat Rajiv Gandhi Edu. City Phase-I Sonapat	Sonapat	Rajiv Gandhi Edu. City, Phase-I, Sonapat	HSVP	7.5	installed	Connected with HSPCB	Not connected with CPCB	Online
4	13ROH461 080	10 MLD STP Rohtak,	Jhajjar	Sec-36, Bahadur	HSVP	10	Installed	Not Conne	Connected with	Not connec

		Kanheli Road, HUDA on 18.2.2008		garh				ected with HSPC B	CPCB	ted with HSPCB
5	14JHA744408	10 MLD STP Beri Road, Bahadurgarh by HUDA in 2.2.2013	Rohtak	Sec-25, Rohtak	HSVP	10	Installed	Conne cted with HSPC B	Not connect ed with CPCB	Online
HSVP Ghaggar										
1		2 MLD STP Sec-7 , Urban Estate , Ambala City Ambala by HUDA in 10.9.2015	Ambala	Sec-7, Urban Estate, Ambala City	HSVP	2	Installed	Not Conne cted with HSPC B	Not connect ed with CPCB	Not connect ed with HSPCB and CPCB '---
2		15 MLD STP Kurukshetra by HSVP	Kurukshetra	Sec-6, Urban Estate, Thanesar	HSVP	15	Not installed	Not Conne cted with HSPC B	Not connect ed with CPCB	Not installed
3	14PAN781126	18 MLD STP Panchkula by HUDA in 31.12.2002	Panchkula	Sec-20, Panchkula	HSVP	18	Installed	connect ed with HSPC B	Not connect ed with CPCB	Offline
4	14PAN781126	39 MLD STP Panchkula by HUDA in Nov. 2011	Panchkula	Sec-20, Panchkula	HSVP	39	Installed	connect ed with HSPC B	Not connect ed with CPCB	Online
5	14PAN631013	15 MLD STP Sector-28, Panchkula by HUDA in 2012	Panchkula	Sec-28, Panchkula	HSVP	15	Installed	connect ed with HSPC B	Not connect ed with CPCB	Online
6	18BHI566870	10 MLD Bhiwani by HUDA in 1.1.2015	Jind	Jind	HSVP	10	Installed	Conne cted with HSPC B	Connect ed with CPCB	Offline
7	17KAI4456125	7.5 MLD Kaithal by HUDA in 31.8.2016	Kaithal	Kaithal	HSVP	7.5	installed	connect ed with HSPC B	Not connect ed with CPCB	Online
8	16HIS3376968	15 MLD STP Dabara Tosham Road , Hisar by HUDA in 31.7.2014	Hisar	Dabara Tosham Road, Hisar	HSVP	15	Installed	Conne cted with HSPC B	Connect ed with CPCB	Online
9	17FAT4076162	10 MLD STP Majra, Fatehabad by HUDA in 16.12.17	Fatehabad	Village Majra	HSVP	10	Installed	Conne cted with HSPC B	Connect ed with CPCB	Online

OMDs CETPs

Sr. No.	Industry Name	Name of the town/city	Deptt.	Existing CETP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Online
1	The Executive engineer, HUDA 21 MLD CETP	Unit-I, Sector-29, Part-II, Panipat	HUDA	21	Installed	Connected with HSPCB	Online
2	21 MLD Unit-II, Sector-29, Part-II, Panipat	Unit-II, Sector-29, Part-II, Panipat	HUDA	21	Installed	Connected with HSPCB	Online

7. Existing CETPs

Sr. No.	Name of CETP	Capacity in MLD	Utilization capacity (in MLD)	A/R No. and Date	Compliance status
1	Sector-29, Panipat	21 (Unit-I)	12	461 dt. 24.02.2021	Complying
2	Sector-29, Panipat	21 (Unit-II)	18.5	460 dt. 24.02.2021	Complying
	Total	42			

Under upgradation CETPs

Sr. No.	Name of Estate	Present Capacity of CETP(In MLD)	Upgraded capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Sec-29 CETP, Unit I, Panipat	21	21	30.09.2021	30% work completed.	Not received
	Total	21	21			

8. Under construction CETPs

HSVP informed that the tenders have been opened on 22.07.2020 and are under scrutiny. Likely date of start of work is 01.10.2020; likely date of completion is 31.12.2021.

The revised timelines alongwith justification and monthly plan to be submitted to NGT not provided.

Sr. No.	Location of CETPs	Capacity in MLD	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	6 MLD CETP at Kundli, Sonapat	6	31.12.2021	Work allotted on 28.09.2020 but could not be started due to non availability of Panchayat land.	Not received

Note:- The work was allotted on 28.09.2020 but during the execution, the work was got stopped by the residents of village Panchayat. The matter is being perused with Panchayat Department through DC Sonapat.

9. Plan for compliance of the standards for faecal Coliform

HSPCB has issued orders for fixing up the new standards for STPs as per directions of NGT vide letter dated 02.07.2020 and all STPs have to comply with the same and the Departments should submit action plan for each STP. The timelines to achieve the Faecal Coliform standards are longer whereas the standards are applicable even today.

The monthly plan and progress of upgradation of STPs to achieve the standards of Faecal Coliform is not provided. The format for providing the monthly action plan is enclosed as Annexure-1

Yamuna Catchment

Department	Total No. of STPs	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2020	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
HSVP	5	0	5	0

Ghaggar Catchment

Department	Total No. of STPs	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2020	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
HSVP	9	0	9	0

10. Survey of sources of pollution

River Ghaggar

Sr. No.	Department Name	Deptt. Points	Action plan not required/completed	Receive Action Plan	Pending Points
1	HSVP	13	1	2	10

River Yamuna

Sr. No.	Department Name	Department Points	Receive Action Plan	Action not required	Pending Points
1	HSVP	3	0	0	3

11. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. The action taken in this regard be appraised. Any adverse entry or reward given for successful accomplishment of any project is informed. The timelines are being extended without fixing the responsibility the action taken in this regard be submitted.

12. Inspection of HYMC

RYMC has recommended action against the defaulting officers who provided wrong information. The ATR be given for the same. The letters already issued on 27.11.2020 by HSPCB.

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
1	13.10.2020 10 MLD STP at Beri Road, Bahadurgarh HSVP	1. The pump installed at inlet was not working. 2. 02 nos. Aeration tanks were lying non-functional. 3. A large amount of silt was present in the screen chamber. 4. No dissolved oxygen sensors or SCADA system	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
		<p>were installed.</p> <p>5. Primary settler was not present.</p> <p>6. Exercise infusion of recycling sludge which results in low bacterial activity thus results in low MLSS.</p> <p>7. Inadequate sludge generation as compared to the existing inflow of sewage.</p>	

13. Phyto-Bio Remediation of drains.

The Nodal Department for execution of Bio/Phyto- Remediation identified. The SPV also asked the Department to submit the locations where the phyto remediation/bio-remediation wherever feasible. Chief Secretary, during the review meeting held, has also directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation.

HSVP intimated that no action is required to be taken by them as the sewage is being disposed of to STPs through covered drains. **But Bio/Phyto- Remediation is required to be done in the drains where the untreated discharge from HSVP area is being disposed. ATR may be given by HSVP.**

RYMC reported no significant work has been done. It has been emphasized in NGT orders that phyto/bio remediation works to be taken up as an interim measure till the construction of STPs/ sewerage network is completed. But, the progress in this field is almost nil.

14. Prior consent to establish (CTE) for new/ upgraded STPs/CETPs

Sr. no.	Name of town/city	Under construction/ upgradation	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
River Yamuna						
STPs						
1	Faridabad	Under construction	7.5	98%	100%	Not given
2	Sonepat (Aterna)	Under construction	15	51%	53%	Not given
3	Rohtak	Under construction	10	45%	55%	Not given
4	Faridabad	Under construction	30	28%	30%	Not given
5	Sector-25, Rohtak	Under upgradation	10	25%	35%	Not given
6	Sector-36, Bahadurgarh	Under upgradation	10	22%	24%	Not given
CETPs						
7	CETP at Kundli, Sonepat	Under construction	6	Work not started	Work allotted on 28.09.2020. Hydraulic design and	Not given

Sr. no.	Name of town/city	Under construction/upgradation	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
					drawing approved on 10.11.2020. The work could not be started due to non availability of land.	
River Ghaggar						
STPs						
1	Ambala	Under construction	5	96%	100%	Not given
2	Sirsa	Under construction	7.5	70%	75%	Not given
3	Sec-6, Urban Estate, Thanesar	Under construction	15	Completed	Completed	Not given

15. Plantation on both sides of the river

Progress for Jan, Feb and Mar, 21 not given.

Urban Estate wise plantation done in HSVP area in year 2020-21 is as under:-

Sr. No.	Name of U/E	Plantation done in year 2020-21 (upto Dec, 20)	Progress upto Jan, 2021	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Panchkula	3993	Not given	Not given	Not given
2	Ambala	3344	Not given	Not given	Not given
3	Jagadhari/Yamuna Nagar	1347	Not given	Not given	Not given
4	Shahbad	0	Not given	Not given	Not given
5	Pehowa	0	Not given	Not given	Not given
6	Naraingarh	0	Not given	Not given	Not given
7	Kurukshetra	1870	Not given	Not given	Not given
8	MTS Guhla	0	Not given	Not given	Not given
9	MTS Pundri	0	Not given	Not given	Not given
10	Kaithal	1880	Not given	Not given	Not given
11	Karnal	4900	Not given	Not given	Not given
12	Faridabad	14900	Not given	Not given	Not given
13	Palwal	360	Not given	Not given	Not given
14	Rojka Meo	64	Not given	Not given	Not given
	Total	32658			

16. Providing flow meter at inlet, outlet and bypass of the STP and display of online data of the flow meter.

The Executive Committee has directed to provide the flow meter inlet, outlet and bypass of the STP. The STPs should be provided with flow meters as per directions. The online data for the same should be displayed on the website of the HSPCB for monitoring the same.

The Govt. of India has also pressed for ensuring utilization capacity of the STPs and ensures that all the sewerage is treated in STPs. The provision of flow meter shall ensure and help in monitoring the quantum of effluent being treated through a particular STP

Staus of flow meters provided by HSVP in inlet, outlet and bypass of STPs/CETPs.

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
STPs						
River Yamuna						
1	Panipat	Sec-19, Panipat	30	Yes	Yes	No
2	Panipat	Sec-6, Panipat	0.8	Yes	Yes	No
3	Sonepat	Rajiv Gandhi Edu. City, Phase-I, Sonepat	7.5	Yes	Yes	No
4	Jhajjar	Sec-36, Bahadurgarh	10	Yes	Yes	No
5	Rohtak	Sec-25, Rohtak	10	No	No	
	Total		58.3			
River Ghaggar						
1	Ambala	Sec-7, Urban Estate, Ambala City	2	Yes	Yes	
2	Kurukshetra	Sec-6, Urban Estate, Thanesar	15	Yes	Yes	
3	Panchkula	Sec-20, Panchkula	18	Yes	Yes	
4	Panchkula	Sec-20, Panchkula	39	Yes	Yes	
5	Panchkula	Sec-28, Panchkula	15	Yes	Yes	
6	Jind	Jind	10	No	No	
7	Kaithal	Kaithal	7.5	Yes	Yes	
8	Hisar	Dabara Tosham Road, Hisar	15	Yes	Yes	
9	Fatehabad	Village Majra	10	Yes	Yes	
	Total		131.5			
HSVP						
Other areas						
1	Bhiwani	Bhiwani	10	Yes	Yes	No provision by pass
2	Rewari	Dharuhera	5	Yes	Yes	Yes
	Total		15			
CETPs						
River Yamuna						
1	Panipat	Unit-I, Sector-29, Part-II, Panipat	21			
2	Panipat	Unit-II, Sector-29, Part-II, Panipat	21			

17. STPs not meeting the prescribed parameters as per designed limits.

New standards for STPs have been fixed by Board and the BOD is prescribed as 10 mg/l. the STPs already designed to achieve BOD upto 10 mg/l have to achieve these standards from the date of orders i.e. 02.07.2020. Other STPs have to achieve the new standards by 02.07.2021.

But, 1 STP of HSVP which is already designed for 10 BOD in the past, is observed to be not meeting this parameters. This is a serious issue and Department need to address this immediately.

River Yamuna

Sr. No.	Name of STPs	Report No. & date	BOD mg/l (30)	COD mg/l (250)	PH (5.5 to 9.0)	TSS mg/l (100)	Oil & Grease mg/l (10)	Fecal Coliform MPN/100ml	Compliance Status as per designed criteria
1	(RTK-STP-007) 10 MLD STP Rohtak, Kanheli Road, HUDA on 18.2.2008	1615 dt. 15.01.2021	115	312	6.8	216	-	210000	Non-Complying

HSIIDC Department

1. Existing CETPs

River Ghaggar

Sr. No.	Name of CETP	Capacity (MLD)	Actual discharge reaching in CETP (in MLD)	AR no. and date	Compliance Status
1	IE Barwala, Panchkula	0.5	Not given	383 dt. 12.02.2021	Complying
2	Ambala Cantt.	0.5	Not given	476 dt. 26.02.2021	Non Complying
3	Saha, Ambala	5	Not given	479 dt. 26.02.2021	Complying
4	I. E. Jind	0.1	Not given	1375-1376 dt. 26.02.2021	Non Complying
	Total	6.1			

River Yamuna

Sr. No.	Name of CETP	Capacity in MLD	Utilization capacity (in MLD)	AR no. and date	Compliance Status
1	IE Rai, Sonapat	5	5	471 dt. 24.02.2021	Complying
2	IE Barhi, Sonapat	16	14.5	453 dt. 23.02.2021	Complying
3	IE Kundli, Sonapat	4	3.9	469 dt. 24.02.2021	Complying
4	IE Murthal, Sonapat	0.2	0.19	166 dt. 21.01.2021	Complying
5	IMT Rohtak	10	3.5	1387-1388 dt. 27.02.2021	Complying
6	IE Kutana, Rohtak	3	1.5	Under trial run	
7	IE Panipat Refinery Complex, Panipat	2.5	Nil	Could not be functional, due to Non availability of sufficient effluent	
8	HSIIDC Sector 16-17, Bahadurgarh	12.5	3	1377-1378 dt. 26.02.2021	Complying
9	IMT faridabad	10.5	7	387 dt. 18.11.2020	Complying
10	IMT Manesar, Gurugram	55	48	1249 dt. 7.12. 2020	Complying
	Total	118.7			

2. Status of under construction CETPs in the catchment of river Yamuna

Sr. No.	Location of CETPs	Capacity in MLD	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Manakpur, Yamuna Nagar	3	Dec, 21	12% progress achieved	24% work completed.
2	IE Bahadurgarh	3	June, 22		Work awarded. EC received on 12.03.2021. CTE received on 01.04.2021. Work is likely to be started shortly.
Total		6			

3. Under proposal CETPs River Ghaggar

Sr. No.	Name of the district	Name of the town/city	Proposed capacity (MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Jind	IE Narwana	1.5	31.03.2022	Work stand awarded. EC likely to be received by the end of March, 2021. Construction will be started immediately after receipt of EC and likely to be completed by March, 2022.	Work stand awarded. EC likely to be received by the end of April, 2021. Construction will be started immediately after receipt of EC.
2	Sirsa	IDDC, Sirsa	1.5	31.03.2022	EC cleared by SEAC, letter of EC expected in March, 2021. Design and drawing under approval. Construction of CETP is likely to be completed by March, 2022.	EC received on 26.02.2021. CTE applied and likely to be received by 15.04.2021. The work will be taken at site after receipt of CTE.
Total		3				

4. Under upgradation CETPs

River Ghaggar

In Ghaggar catchment, the works for upgradation of 2 CETPs (Barwala and Jind) are at tendering stage only.

The timelines are again extended, Barwala and Ambala Cantt. (From Apr, 22 to Feb, 22) and Jind (From Sept, 21 to May, 22). NGT has already directed that firm timelines to be laid and action to be taken against the erring officers who failed to complete the projects within timelines. ATR may be provided.

Sr. No.	Name of Estate	Capacity of CETP(In MLD)	Upgraded capacity (In MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	IE Barwala, Panchkula	0.5	Addition of tertiary level treatment	Feb, 22	The work order for O&M and upgradation of existing CETP stands issued on 01.02.2021. Work for upgradation will be completed by 15.05.2021.	The work is in progress and likely to be completed by 15.05.2021.
2	IE Ambala Cantt. Ambala	0.5	Addition of tertiary level treatment	Feb, 22	The work order for O&M and upgradation of existing CETP stands issued on 18.01.2021. Work for upgradation will be completed by 30.04.2021.	The design and drawings approved, work in progress and likely to be completed by 31.05.2021.
3	IE Jind, District Jind	0.1	0.5 MLD	May, 22	i. The work order for O&M and upgradation of existing CETP stands issued on 19.11.2020. ii. Tenders will be invited by the end of March, 2021 and the work will be completed by May, 2022.	i. The work order for O &M and upgradation of existing CETPs stands issues on 19.11.2020. Work in progress and likely to be completed by 30.04.2021. ii. Proposed to be replaced with new 0.5 MLD with Tertiary treatment facilities. DPR approved. iii. Tenders will be invited by the end of April, 2021 & the work will be completed by May, 22
	Total	1.1	0.5			

River Yamuna

In Yamuna Catchment, the works for upgradation of CETP at Barhi has not been awarded so far.

Sr. No.	Name of Estate	Present Capacity of CETP(In MLD)	Upgraded capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	IE Rai, Sonapat	5	10	Apr, 2022	Work awarded on 28.01.2021, however, the work will be started on ground after receipt of EC. EC cleared by SEAC, letter of EC expected in March, 2021. Expected to be completed by April, 2022.	Work awarded on 28.01.2021, however, the work will be started on ground after receipt of EC. EC cleared by SEAC, letter of EC expected shortly. Work will be taken up at site after receipt of EC and CTE.
2	IE Barhi, Sonapat	16	26	Apr, 2022	The tenders against recall have been received and are under approval. Work is expected to be awarded by March, 2021, however, the work will be started on ground after receipt of EC. Expected to be completed by April, 2022.	The tenders against recall were received but the rates of the L-1 bidder were on higher side, therefore, the tender were again cancelled and have been re-invited. The due date of receipt of tender is 15.04.2021.
3	IE Kundli, Sonapat	4	10	Dec, 2021	About 18% work executed at site. The work is almost held up because of Kisan Agitation for the last more than two months.	About 18% work executed at site. The work is almost held up because of Kisan Agitation for the last more than five months having their

Sr. No.	Name of Estate	Present Capacity of CETP (In MLD)	Upgraded capacity (in MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
						camp in front of IE Kundli.
4	IE Murthal, Sonapat	0.2	2	Apr, 2022	Work awarded on 15.12.2020. The design/drawings have been prepared and are under vetting with NIT Kurukshetra. The work will start on ground after receipt of EC. Expected to be completed by April, 20220	Work awarded on 15.12.2020. The work will be start on ground after receipt of EC which is likely to be received in the month of May, 2021.
Total		25.2	48			

5. OMDs CETPs in the catchment of river Ghaggar and Yamuna

Sr. No.	Department	River	Total STP	OMD not installed	Online	Offline	Delay
CETP							
1	HSI IDC	Yamuna	10	2	7	1	0
		Ghaggar	4	0	4	0	0
		Other Catchment	1	0	1	0	0
		Total	15	2	12	1	0

The list is enclosed is as under:-

Sr. No.	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing CETP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online
1	CETP barhi 16 MLD	Sonapat	IE Barhi, Sonapat	HSI IDC	16	Installed	Connected with HSPCB	Connected with CPCB	Online
2	CETP Rai, 5MLD	Sonapat	IE Rai, Sonapat	HSI IDC	5	Installed	Connected with HSPCB	Connected with CPCB	Offline
3	CETP Kundali, 4 MLD	Sonapat	IE Kundli, Sonapat	HSI IDC	4	Installed	Connected with HSPCB	Connected with CPCB	Online
4	CETP murthal, 0.2 MLD	Sonapat	IE Murthal, Sonapat	HSI IDC	0.2	Installed	Connected with HSPCB	Connected with CPCB	Online
5	CETP of 55/15 MLD installed by HSI IDC,	Gurgaon	IMT Manesar Gurgaon HSI IDC	HSI IDC	55	installed	Connected with HSPCB	Not connected with CPCB	Online
6	HSI IDC Enviro Infrastructure Engineer LTD, 10.5	Faridabad	IMT Faridabad	HSI IDC	10.5	Installed	Connected with HSPCB	Connected with CPCB	Online

Sr. No.	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing CETP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online
	MLD								
7	Haryana State Industrial & Infrastructure Development Corporation Ltd.	Rohtak	IMT Rohtak	HSI IDC	10	Installed	Connected with HSPCB	Connected with CPCB	Online
8	IE. HSI IDC, KUTANA, Rohtak	Rohtak	IE Kutana Rohtak	HSI IDC	3	Not installed	Not Connected with HSPCB	Not connected with CPCB	Not installed
9	HSI IDC CETP Industrial Estate Bahadurgarh 12.5MLD	Jhajjar	IE, HSI IDC, Bahadurgarh	HSI IDC	12.5	Installed	Not Connected with HSPCB	Not connected with CPCB	Online
10	2.5 MLD IE, HSI IDC, Panipat	Panipat	2.5 MLD IE, HSI IDC, Panipat	HSI IDC	2.5	Not installed	Not Connected with HSPCB	Not connected with CPCB	Not installed

Sr. No.	Industry Name	Name of the district	Name of the town/city	Deptt.	Existing CETP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online
1	HSI IDC, IE Barwala, Panchkula 0.5 MLD	Panchkula	IE Barwala, Panchkula	HSI IDC	0.5	Installed	Connected with HSPCB	Connected with CPCB	Online
2	HSI IDC, Senior Manager, 0.5 MLD	Ambala	Ambala Cantt.	HSI IDC	0.5	Installed	Connected with HSPCB	Connected with CPCB	Online
3	HSI IDC, CETP Site, HSI IDC 5 MLD	Ambala	Saha	HSI IDC	5	Installed	Connected with HSPCB	Connected with CPCB	Online
4	CETP, HSI IDC, Jind	Jind	I. E. Jind	HSI IDC	0.1	Installed	Connected with HSPCB	Connected with CPCB	Delay
Other Catchment									
1	HSI IDC IMT bawal.	Rewari	Bawal	HSI IDC	22.5	Installed	Connected with HSPCB	Not connected with CPCB	Online

6. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. The action taken in this regard be appraised. Any adverse entry or reward given for successful accomplishment of any project is informed. The timelines are being extended without fixing the responsibility the action taken in this regard be submitted.

7. Phyto-Bio Remediation of drains.

The Nodal Department for execution of Bio/Phyto- Remediation identified. The SPV also asked the Department to submit the locations where the phyto remediation/bio-remediation wherever feasible. Chief Secretary, during the review meeting held, has also

directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation.

RYMC reported no significant work has been done. It has been emphasized in NGT orders that phyto/bio remediation works to be taken up as an interim measure till the construction of STPs/ sewerage network is completed. But, the progress in this field is almost nil.

8. Survey of sources of pollution

River Yamuna

Sr. No.	Department Name	Department Points	Receive Action Plan	Action not required	Pending Points	Remarks
1	HSI IDC	2	0	2	0	

River Ghaggar

Sr. No.	Department Name	Department Points	Action plan not required/completed	Receive Action Plan	Pending Points
1	HSI IDC	2	2	0	0

9. Providing flow meter at inlet, outlet and bypass of the CETP and display of online data of the flow meter.

The Executive Committee has directed to provide the flow meter inlet, outlet and bypass of the CETPs. The CETPs should be provided with flow meters as per directions. The online data for the same should be displayed on the website of the HSPCB for monitoring the same.

The Govt. of India has also pressed for ensuring utilization capacity of the CETPs and ensures that all the sewerage is treated in CETPs. The provision of flow meter shall ensure and help in monitoring the quantum of effluent being treated through a particular CETP

Staus of flow meters provided by HSI IDC in inlet, outlet and bypass of CETPs.

Sr.No.	Name of the district	Name of the town/city	Existing CETP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
River Yamuna CETPs						
1	Sonepat	IE Barhi, Sonepat	8			
2	Sonepat	IE Barhi, Sonepat	16			
3	Sonepat	IE Rai, Sonepat	5			
4	Sonepat	IE Kundli, Sonepat	4			
5	Sonepat	IE Murthal, Sonepat	0.2			
6	Gurgaon	IMT Manesar Gurgaon HSI IDC	55			
7	Gurgaon	Sec-37, Gurgaon	0.2			
8	Faridabad	IMT Faridabad	10.5			
9	Faridabad	Faridabad Electroplaters Association, Sec-58, Faridabad	0.35			
10	Rohtak	IMT Rohtak	10			
11	Rohtak	IE Kutana Rohtak	3			
12	Jhajjar	IE, HSI IDC, Bahadurgarh	12.5			
			124.75			
CETPs (Ghaggar)						

Sr.No.	Name of the district	Name of the town/city	Existing CETP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
Sr.No.	Name of the district	Name of the town/city	Existing CETP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
1	Panchkula	IE Barwala, Panchkula	0.5			
2	Ambala	Ambala Cantt.	0.5			
3	Ambala	Saha	5			
4	Jind	I. E. Jind	0.1			
	Total		6.1			
Other areas						
5	Rewari	Bawal	22.5			

10. Prior consent to establish (CTE) for new/ upgraded CETPs

Sr. no.	Name of town/city	Under construction/ upgradation	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
River Yamuna						
1	Manakpur Yamuna Nagar	Under construction	3	12%	24%	Not given
2	IE Rai, Sonapat	Under upgradation	10	Work not started	Work not started	Not given
3	IE Barhi, Sonapat	Under upgradation	26	Work not awarded	Work not awarded	Not given
4	IE Kundli, Sonapat	Under upgradation	10	18%	18%	Not given
5	IE Murthal, Sonapat	Under upgradation	2	Work not started	Work not started	Not given
River Ghaggar						
1	IE Barwala, Panchkula	Under upgradation	0.5	Work not awarded	Work not awarded	Not given
2	Ambala Cantt.	Under upgradation	0.5	Not started	Not started	Not given
3	I. E. Jind	Under upgradation	0.1	Work not awarded	Work not awarded	Not given

Gurugram Metropolitan Development Authority (GMDA)

1. Actual utilization by Existing STPs.

Sr. No	Name of the STP	Capacity	A/R No. and Date	Latest compliance status
1	Dhanwapur, Gurgaon by GMDA	50	35-36 dt. 17.04.2021	Complying
2	Dhanwapur, Gurgaon by GMDA	68	31-32 dt. 17.04.2021	Complying except Faecal Coliform
3	Behrampur, Gurgaon by GMDA	120	20-21 dt. 17.04.2021	Complying except Faecal Coliform
4	Behrampur, Gurgaon by GMDA	50	23-24 dt. 17.04.2021	Complying except Faecal Coliform
5	Dhanwapur, Gurgaon by GMDA	100	33-34 dt. 17.04.2021	Non Complying (10 BOD)

2. Under Construction STPs

Sr. No.	Name of town/city	Capacity (MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
In Progress					
1	Jhazgarh	20	31.12.2021	Not received	15%
2	Dhankot, Gurugram	2	31.12.2021	Not received	0%
3	Bajghera	2	31.12.2021	Not received	10%
Total		24			

3. Under proposal STPs

Sr. No.	Name of the town/city	Capacity (MLD)	Timelines	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Manesar and Naharpur Kasan, Gurugram	25	31.03.2022	Tender floated and bids opened.	Not received

4. Under proposal CETPs

ULBD intimated that W/CS, Haryana has decided that GMDA shall construct the CETPs in Gurugram and the same has been conveyed to CEO, GMDA vide this office letter memo no. Tech/NGT/DULB/2021/8091 dated 11.01.2021. But GMDA intimated that the same is mandate of ULBD. **Issue needs to be resolved.**

Sr. No.	Name of CETP	Capacity in MLD	Timelines as per action plan	Progress upto Feb, 2021	Progress upto Mar, 2021
1	Sector-	1.5	31.12.2022	W/CS, Haryana has	W/CS, Haryana has

Sr. No.	Name of CETP	Capacity in MLD	Timelines as per action plan	Progress upto Feb, 2021	Progress upto Mar, 2021
	18, Gurugram			decided that GMDA shall construct the CETPs in Gurugram and the same has been conveyed to CEO, GMDA vide this office letter memo no. Tech/NGT/DULB/2021/8091 dated 11.01.2021.	decided that GMDA shall construct the CETPs in Gurugram and the same has been conveyed to CEO, GMDA vide this office letter memo no. Tech/NGT/DULB/2021/8091 dated 11.01.2021.
2	Industrial Area, Sector-37, Gurugram	9	31.12.2022		
3.	Sector – 34 Gurugram	20			
	Total	10.5			

5. Display of online data by the STPs.

The HSPCB is monitoring the data of pollution parameters of the treated effluent from the STPs. But the STPs are not displaying the data always remain offline most of the time. Which is a violation of the statutory directions of the State Pollution Control Board and conditions of the consent to operate granted to the STPs.

Sr. No.	Department	River	Total STP	OMD not installed	Online	Offline	Delay
1	GMDA	Yamuna	5	0	4	1	0
		Total	5	0	4	1	0

The list is enclosed is as under:-

Sr. No.	Industry Name	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	OCEMS installed (Yes/No)	Connected with HSPCB	Connected with CPCB	Online/ Offline
1	68 MLD STP Dhanwapur, Gurgaon (North) by HUDA in January dt. 2004	Gurgaon	Dhanwapur, Gurgaon	GMDA	68	Installed	Connected with HSPCB	Connected with CPCB	Online
2	100 MLD STP Dhanwapur, Gurgaon (North) by HUDA in 1.12.2014	Gurgaon	Dhanwapur, Gurgaon	GMDA	100	Installed	Connected with HSPCB	Connected with CPCB	Online
3	50 MLD STP Dhanwapur, Gurgaon (North) by ULB/ MCG in 1.10.2018	Gurgaon	50 MLD STP Dhanwapur, Gurgaon (North) by ULB/ MCG in 1.10.2018	GMDA	50	Installed	connected with HSPCB	connected with CPCB	Online
4	50 MLD STP at Behrampur, Gurugram	Gurgaon	Behrampur	GMDA	50	Installed	Connected with HSPCB	Connected with CPCB	Offline

	(South) by HUDA in August 2010								
5	120 MLD STP at Bahrapur, Gurugram (South) by HUDA in July 2014	Gurgaon	Behrapur, Gurgaon	GMDA	120	Installed	Connected with HSPCB	Connected with CPCB	Online

6. Najafgarh drain/Badshahpur drain in Gurugram.

Total - 145.4 MLD quantum was to be diverted from Leg-I, Leg-II & Leg-III drains. Out of which 97.2 MLD effluent has been diverted so far. **47.7 MLD effluent yet to be diverted and action needs to be expedited for diversion of this effluent.**

7. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. The action taken in this regard be apprised. Any adverse entry or reward given for successful accomplishment of any project is informed. The timelines are being extended without fixing the responsibility the action taken in this regard be submitted.

8. Prior consent to establish (CTE) for new/ upgraded STPs

Sr. no.	Name of town/city	Capacity	Progress upto Feb, 2021	Progress upto Mar, 2021	Status of CTE
River Yamuna					
1	Jhazgarh	20	10%	15%	Not given
2	Dhankot, Gurugram	2	Work allotted	0%	Not given
3	Bajghera	2	Work allotted	10%	Not given

9. Plan for compliance of the standards for faecal Coliform

HSPCB has issued orders for fixing up the new standards for STPs as per directions of NGT vide letter dated 02.07.2020 and all STPs have to comply with the same and the Departments should submit action plan for each STP. The timelines to achieve the Faecal Coliform standards are longer whereas the standards are applicable even today.

The monthly plan and progress of upgradation of STPs to achieve the standards of Faecal Coliform is not provided. The monthly plan and progress of upgradation of STPs to achieve the standards of Faecal Coliform is not provided. The format for providing the monthly action plan is enclosed as Annexure-1

Yamuna Catchment

Department	Total No. of STPs	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2020	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2021	Likely date of achieving Faecal Coliform standards 100 MPN/100 ml by 2022
GMDA	5	0	3	2

10. Phyto-Bio Remediation of drains.

The Nodal Department for execution of Bio/Phyto- Remediation identified. The SPV also asked the Department to submit the locations where the phyto remediation/bio-remediation

wherever feasible. Chief Secretary, during the review meeting held, has also directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation.

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.

RYMC reported no significant work has been done. It has been emphasized in NGT orders that phyto/bio remediation works to be taken up as an interim measure till the construction of STPs/ sewerage network is completed. But, the progress in this field is almost nil.

11. Providing flow meter at inlet, outlet and bypass of the STP and display of online data of the flow meter.

The Executive Committee has directed to provide the flow meter inlet, outlet and bypass of the STP. The STPs should be provided with flow meters as per directions. The online data for the same should be displayed on the website of the HSPCB for monitoring the same.

The Govt. of India has also pressed for ensuring utilization capacity of the STPs and ensures that all the sewerage is treated in STPs. The provision of flow meter shall ensure and help in monitoring the quantum of effluent being treated through a particular STP

Staus of flow meters provided by GMDA in inlet, outlet and bypass of STPs.

Sr. No.	Name of the district	Name of the town/ city	Existing STP and Capacity (MLD)	Flow meter at Inlet	Flow meter at Outlet	Flow meter at bypass
STPs						
1	Gurgaon	Dhanwapur, Gurgaon	68	Yes	No	No
2	Gurgaon	Dhanwapur, Gurgaon	100	Yes	No	No
3	Gurgaon	Behrampur	50	Yes	No	No
4	Gurgaon	Behrampur, Gurgaon	120	-	-	-
5	Gurgaon	Gurgaon	50			
	Total		388			

12. Inspection of HYMC

RYMC has recommended action against the defaulting officers who provided wrong information. The ATR be given for the same. The letters already issued on 27.11.2020 by HSPCB.

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
1	06.10.2020 55 MLD CETP at IMT Manesar GMDA	<ol style="list-style-type: none"> 1. CETP was receiving 42 MLD Mixed Effluent (Industrial and Domestic Effluent). 2. The Oil and Grease removal is not proper and the same is being carried forward to the Primary treatment facility. 3. The both Online pH meters installed in the chemical dosing channels are showing different pH values. The laboratory operating inside the CETP premises is not properly equipped and even pH papers are not available with the operator. 4. The quantum of Lime, Ferrous Sulphate and Polyelectrolyte used for chemical treatment (removal of inorganic pollutants) are grossly inadequate. These chemical dosing are not based on inlet characteristics such as pH value and conductivity value 	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
		<p>for both the CETP. The inorganic pollutants are not removed at the primary treatment facility, thereby influencing the biological treatment in Aeration Basin.</p> <ol style="list-style-type: none"> 5. The Dissolved Oxygen (DO) sensors are not working properly in both the CETPs. The operators informed that the Dissolved Oxygen value in the Aeration Basin is 2 mg/ltr. 6. The Mixed Liquor Suspended Solid (MLSS) value was not proper and there was no visible live Bacterial Mass indicating improper or no biological activity in the Aeration Basin of both the CETPs. 7. The common Sludge thickener for 25 MLD CETP and 30 MLD CETP is filled with dried sludge. Grass and Pipal saplings are growing on the Sludge thickener tank. 8. Out of 4 Belt Filter Press installed for Sludge drying purpose, only 1 was found operating. Separate energy meters were not installed to assess the daily energy consumption in the sludge drying section. 9. The Sludge generation and Removal in the CETP is grossly inadequate. 10. The Dual Media Filtration Columns are not being used regularly and as reported they were cleaned only twice in 4 years. 11. The location of the installation of the Online Monitoring Devices (OLMS) was not proper, thereby giving misleading data. 12. The channel inside the CETP premises was found carrying untreated effluent. <p>The information submitted to HYMC by GMDA through Email on 29.09.2020 regarding chemical consumption, MLSS Level and sludge generation are not corroborating with the facts at site. Some of the suggestions of HYMC given earlier regarding removal of operational deficiencies of the CETPs are not complied. Action may be initiated against the officers for not properly monitoring the operational status of the CETP and submitting misleading information.</p>	
2	26.10.2020 50 MLD STP, at Dhanwapur Gurugram GMDA	<ol style="list-style-type: none"> 1. SCADA system was not working and total system was on manual mode. 2. Conductivity meter in lab was non operational and ph meter was found to be dry. 3. BOD sampling and testing was not being done properly. 4. Out of 04 DO meters, none in working condition. 5. Temperature sensors were not working. 6. MLSS was found to be satisfactory. 	
3	26.10.2020 68 MLD STP at Dhanwapur Gurugram	<ol style="list-style-type: none"> 1. Thickner and sludge Digester not working, undergoing cleaning and maintenance. 2. Industrial sludge handling due to construction of tertiary treatment plant. 3. 2 no. of surface aerators were not working and out of 10, 	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
	GMDA	2 no. of submerged aerators were also not working. 4. Incomplete sludge separation. 5. Gas holder was under repair. 6. MLSS was less than 100 mg/l.	
4	26.10.2020 100 MLD STP at Dhanwapur Gurugram GMDA	1. Out of 4 only 2 filter press was working. 2. Out of 3 aeration basins. Diffusers were not working properly in one basin and partially working in others. 3. Dead sludge was found in basin and no biological activity was observed. Excess sludge was being added which was more than the requirement. 4. MLSS less than 600 mg/l and conductivity at inlet- 1800 $\mu\text{S cm}^{-1}$.	
5	27.10.2020 120 MLD STP at Behrampur Road, Gurugram GMDA	1. Online pH meter, BOD and COD analyzers are not installed in the inlet of STP. 2. Damage diffusers in SBR Basin No. 3 and 4 need to be replaced immediately for better oxygen transfer. Desired treatment in these SBR Basin cannot be achieved. 3. DO Meters installed in all SBR Basin are non functional and not connected to SCADA System, thereby the treatment in SBR Basins are being done manually. 4. Turbo Compressors are required to have better oxygen transfer in the aeration process. 5. 2 out of 4 sludge drying belt filter press are found working. The sludge thickeners and sludge digesters need to be regularly cleaned. 6. Quantum of Gas Consumption in both the Bio Gas engine generating power needs to be assessed by installing adequate meters. 7. The Tertiary Treatment Facility of 30 MLD Capacity required Auto Chemical Dosing Pumps based on water quality of secondary treatment plant. 8. The present chemical dosing needs to be optimized. 9. Floating weeds (Eichornia) found in the Clariflocculator tank.	
6	27.10.2020 50 MLD STP at Behrampur Road, Gurugram GMDA	1. Anoxic Tank treating raw effluent (before aeration tank) serving no purpose. 2. Online pH meters in the inlet of STP not installed. 3. Access recycling of activated Sludge in the Aeration Basin adding unnecessary sludge load to the STP. 4. The Sludge Removal is not proper and Pumps installed in the Sludge Thickeners are not working. 5. Sludge Digester under repair to plug emission of Methane Gas generated during Sludge Degustation. 6. DO Sensors are not installed in the Aeration Basins. 7. The operation of the STP is being done manually without any SCADA System. 8. The MLSS Level in the Aeration Basins is between 3000 to 4000 mg/ltr. This indicates that unnecessary dead sludge is being recycled.	

Sr. No.	Date of inspection by HYMC/ Name and Address of STP	Deficiencies Observed by HYMC	Action Taken Report
		<p>9. The Sludge Drying Beds handling digested sludge are lying empty and the numbers are inadequate to handle generated sludge. In absence of adequate number of mechanical sludge drying facilities the 50 MLD STP will not function properly.</p> <p>10. The Tertiary Treatment Facility of 40 MLD Capacity is under trial.</p>	

13. Observations raised by Hon'ble NGT.

In the matter of Subhash Gupta Vs UoI, NGT, while dealing with maintenance of storm water drains in Gurugram, after considering the report of GMDA & others, observed that 'there is a huge gap in generation & treatment of sewage' and CS has been directed to take further remedial action. GMDA may apprise the status and proposed action.

14. STPs not meeting the prescribed parameters as per designed limits.

New standards for STPs have been fixed by Board and the BOD is prescribed as 10 mg/l. the STPs already designed to achieve BOD upto 10 mg/l have to achieve these standards from the date of orders i.e. 02.07.2020. Other STPs have to achieve the new standards by 02.07.2021.

But, 1 STP of GMDA which are already designed for 10 BOD in the past, are observed to be not meeting this parameters. This is a serious issue and Department need to address this immediately.

List of STPs designed below 10 BOD but not complying as per designed limits.

Sr. No.	Design pollution parameters		Actual results for pollution parameters							
	Name of STP	BOD	A/R No. & date	BOD mg/l (30)	COD mg/l (250)	PH (5.5 to 9.0)	TSS mg/l (100)	O & G	T. Coli	F. Coli
1	100 MLD STP Dhanwapur, Gurgoan	<5	33-34 dt. 17.04.2021	14	60	8.1	17			11000

Agriculture Department.

1. Incremental Progress of the crop diversification.

RYMC applauded the efforts of the State in its attempts to formulate policy on crop diversification and use of treated waste water, hoping that the same will be very useful for conservation of ground water in the state. The incremental progress achieved in this regard need to be monitored as it has impact on flow of water in Yamuna and dependence on river water for irrigation, RYMC further indicated. Chief Secretary was also requested to send a status report on the progress achieved in these two initiatives, for inclusion in their Report.

Agriculture Department intimated that the State has already formulated the crop diversification policy and farmers are being persuaded to switch to crops other than paddy. An ambitious programme namely "Mera Pani Meri Virasat" was launched by the government for diversification of Paddy crop with alternate crops like Maize / Cotton / Bajra / Pulses / Vegetables and Fruits etc during Kharif-2020. The applications were invited online and an area of 1,35,596 ha registered on portal from entire area of the State under Diversification programme.

- (i) The actual area diversified is 29,434 hectare as per 2nd stage verification of 37,412 numbers of farmers.
- (ii) An amount of Rs. 42.22 crores has been released as compensation (Rs. 7,000/- per acre) to the farmers against the available amount of Rs. 67.00 crores.
- (iii) Similar Crop Diversification Programme would be repeated during the Kharif season 2021-22. The monthly plan for Kharif season 2021-22 may be provided.

The monthly plan and progress may be reported in the format given as under:-

Sr. No.	District	Area registered on portal (Ha)	December, 2020		Jan, 2021		Feb, 2021		Mar, 2021	
			Target	Area diversified (Ha)	Target	Area diversified (Ha)	Target	Area diversified (Ha)	Target	Area diversified (Ha)
1	Ambala	3428.96		617.48						
2	Bhiwani	5276.18		1510.88						
3	Charkhi Dadri	7756.89		307.20						
4	Faridabad	2473.64		769.54						
5	Fatehabad	9450.37		4510.39						
6	Gurugram	2158.88		132.43						

Sr. No.	District	Area registered on portal (Ha)	December, 2020		Jan, 2021		Feb, 2021		Mar, 2021	
			Target	Area diversified (Ha)	Target	Area diversified (Ha)	Target	Area diversified (Ha)	Target	Area diversified (Ha)
7	Hisar	8704.39		3008.05						
8	Jhajjar	11421.79		3093.79						
9	Jind	15160.12		4870.75						
10	Kaithal	7080.07		2092.76						
11	Karnal	5784.59		78.42						
12	Kurukshetra	2823.55		374.24						
13	Mahendergarh	140.15		0						
14	Mewat	10630.33		65.47						
15	Palwal	7460.70		16.75						
16	Panchkula	1680.13		401.50						
17	Panipat	2938.66		308.29						
18	Rewari	2410.85		435.44						
19	Rohtak	5285.51		793.59						
20	Sirsa	149.56		4555.70						
21	Sonepat	5856.81		1542.75						
22	Yamuna Nagar	2717.61		431.73						
	Total	135596.64		29919.15						

2. Construction of Recharge Shaft structure to arrest the run-off/flood water for ground water recharging.

A target of construction of 1,000 no. of Recharge Shaft structures was fixed in the Over-Exploited blocks namely Babain, Shahbad, Ismailabad & Pipli (Kurukshetra); Guhla Cheeka & Siwan (Kaithal); Ratia (Fatehabad); and Sirsa (Sirsa) taken up under "Mera Pani Meri Virasat" – Crop Diversification Programme.

- i) A total of 496 numbers of recharge shaft structures have been completed/likely to be completed.
- ii) The work on 377 not started yet due to standing wheat crop.
- iii) 127 numbers of farmers refused for construction of structures.

The monthly plan and progress may be reported in the format given as under:-

Sr. No.	Block	Target of structures (No)	Achievement (No.) upto Dec, 2020			Jan, 21			Feb, 21			Mar, 21					
			Structures completed (No.)	Under progress	Yet to be start	Target	Achievement (No.)			Target	Achievement (No.)			Target	Achievement (No.)		
							C	UP	NS		C	UP	NS		C	UP	NS
1	Babain	80	0	65	15												
2	Pipli	80	0	55	25												
3	Shahbad	350	4	155	191												
4	Ismailabad	80	0	55	25												
5	Guhla	150	62	88	0												
6	Siwan	60	13	47	0												
7	Ratia	160	40	120	0												
8	Sirsa	40	0	0	40												
	Total	1000	119	585	296												

C- Completed

UP- Under process

NS- Not started

The targets for the years 2021-22 for construction of Recharge Shaft structures will be decided in due course of time.

3. Reward for good work/ Adverse Entries in ACRs of non performing officials.

The NGT has given specific directions in this regard. The action taken in this regard be appraised. Any adverse entry or reward given for successful accomplishment of any project is informed. The timelines are being extended without fixing the responsibility the action taken in this regard be submitted.

4. Watershed Management.

The consolidated progress of watershed works in Yamuna and Ghaggar Rivers catchment area action plan (2020-21) is submitted by Agriculture Department. But, the Agriculture Department has not submitted plan for Watershed Management on monthly basis.

The project wise monthly plan may be submitted on the format given as under:-

Sr. No.	Name of project	Location/Geo Coordinates (Lat./long.)	Target date	Monthly plan					
				Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21

River Ghaggar

The Action Plan amounting to Rs. 2281.43 lakh for construction of 1,080 number of soil & water conservation structures in the catchment area of Ghaggar has been approved for the year 2020-21. The following Soil & Water Conservation Works namely Water Harvesting Structure, Check Dams, Earthen gully Plugs, Earthen Embankments, Percolation Pond, Farm Pond, Crate Wire Structures and Retaining Wall are to be executed at farmer's field / Community Land under various schemes being implemented by the Department. **No MPR received for Feb and March, 2021.**

The district wise details are as under:

Sr. No.	District	December, 2020				Jan, 2021	
		Target		Achievment		Achievment	
		Strcutur e (No.	Amount allocated	Strcutur e (No.	Amount utilized	Strcutur e (No.	Amount utilized
1	Panchkula	468	1648.59	276	1097.44	25	1183.33
2	Ambala	195	225	45	117	22	242.50
3	Kurukshetra	219	210.55	51	199.63	90	199.63
4	Fatehabad	237	205.97	25	54.89	119	222.09
5	Sirsa	55	78.57	18	58.57	15	104.26
	Total	1174	2368.68	415	1527.53	271	1951.81

River Yamuna

Sr. No.	District	December, 2020				Jan, 2021	
		Target		Achievment		Achievment	
		Strcutur e (No.	Amount allocated	Strcutur e (No.	Amount utilized	Strcutur e (No.	Amount utilized
1	Yamuna Nagar	125	123.30	28	58.16	0	120.14
2	Nuh/Mewat	130	250.28	1	1.80	1	15.92
3	Gurugram	70	100.43	4	11.55	0	24.12
4	Palwal	69	59.36	10	34.08	10	71.28
5	Karnal	0	123.68	27	103.67	0	103.67
6	Panipat	0	40	0	0	03	41.58
7	Jhajjar	23	33	1	1.67	1	31.00
8	Sonepat	200	50.91	0	0	15	17.00
	Total	617	780.96	71	210.93	30	424.71

Remarks:- Water Harvesting Structure, Check Dams, Earthen gully Plugs, Earthen Embankments, Percolation Pond, Farm Pond, Crate Wire Structures and Retaining Wall are constructed at farmers field and Panchayat land. No target of structure was given to Rohtak, and Faridabad districts.

Irrigation Department

1. Closed conduit pipelines for disposal of treated effluent and storm water from Kundli CETP to Drain No. 6.

CPCB issued directions to Irrigation Department to construct closed conduit pipeline for discharge of treated effluent from CETP Kundli to avoid mixing of water of DD No. 8 in Sonepat.

Status report: Tender for the above said work was issued on 15.02.2021 and opened on dated 09.03.2021. In tendering process only one no. agency submitted technical and financial bid. Case for emergent re-tendering (keeping alive the tender of the single bidder) has already been processed so as to comply with the codal instructions.

Tentative timeline is as under:

- (i). Likely date of completion of tendering process: 25.03.2021.
- (ii). Likely date of start of work: 01.04.2021.
- (iii). Likely date of completion of work: 31.06.2021.

Now, Irrigation Department has submitted that to comply with the directions in spirit and to avoid contributing effluent in river Yamuna, it is proposed that closed conduit pipelines should be laid as a deposit work of shareholders contributing the effluent in Drain No. 6 as per their contribution instead of an open channel in the bed of Diversion Drain No. 8 to avoid intermixing of effluent at any stage. The tentative cost of the project is around Rs 24 Crores. The provision of two RCC pipes (NP-4) @ 1800 mm internal dia for carrying effluent discharge of 100 Cs. has been proposed. The file has been sent to the Govt. for in principle approval of the proposal and arrangement of funds. Govt. of Haryana is very particular about the proposal and is pursuing the matter seriously.

2. Ground Water Regulation/ Management.

The Ground Water (Regulation & Management) Act, 2020 has been enacted. The action plan is required to be submitted for Ground Water Management by the Irrigation Department.

Summary of Action Plan for Ground Water Management Under Haryana Water Resource Authority

- The Water Acton Plan has been developed to acknowledge achievements and identify strategies that can be implemented to reduce the water resources and to promote healthy watersheds in and around the state
- The list of projects and schemes which has to be started for which Tentative Budget of **Rs.165.00 Crores** in Financial Year 2021-22
 - 1) Micro Irrigation using TWW (Treated Waste Water) Nation's First
 - 2) Harnessing Monsoon Waters through "Enhancing the Capacity of WJC Carrier System"
 - 3) Nation's First: Recharging & Running Rivers Through Canals
 - 4) Innovation: Containing Waterlogging & Groundwater Recharging
- State has taken a number of policies and programs and created new institutions to address the resources in State, elucidated as following
 - 1) Water Course Policy, 2019
 - 2) Treated Waste Water Policy, 2019
 - 3) Mera Pani Meri Virasat
 - 4) Roof-Top Rain Water Harvesting
 - 5) Haryana State Preservation of Sub Soil Water Act, 2009
 - 6) Atal Bhujal Yojana

- 7) National Hydrology Project
- 8) The Haryana Pond and Waste Water Management Authority

- Haryana being a water deficit State is striving hard to meet the demand with existing resources. Focus is on **increasing productivity and efficiency of the resource**.
- The Action Plan is an endeavor to set out goals aiming to achieve greater *savings* in the future.
- State needs **significant funding for R&D, retrofits and/or new infrastructure** to reach those targets.
- The State will continue to **acclimatize and adopt new technologies** (use of Treated Waste Water, Rain Water Harvesting, etc.).
- **Encourage community participation in developing water re-use pilot projects throughout the Haryana State** along with on-going awareness campaigns are key to the future success of reduced water use. **A budgetary provision of Rs. 60.00 lakh is being prosed for dissemination of information and conducting pilot programs.**

3. Reuse of treated sewage

15 irrigation projects to utilize the treated sewage of the towns costing Rs. 184.97 crore, which are part of Rs. 500 crore micro irrigation project under NABARD scheme, have been approved.

35 STPs located in 21 districts to irrigate CCA of 23,359 hectares of land to utilize 338.85 MLD of treated sewage have also been covered under the project of Rs. 500 crore.

The Executing Committee asked that all the 15 irrigation projects to utilize the treated sewage of STPs located in the catchment area of river Ghaggar should be completed by 31.3.2021 and priority may be given to the remaining 44 STPs (59-15) of Ghaggar catchment area to utilize their treated sewage for irrigation.

But department of Irrigation submits that the 15 projects for utilization of treated sewage water through STPs in the catchment of Ghaggar can be completed by 30.06.2022 and rest of STPs shall be taken up in 2nd phase after 2022.

- The Govt. has accorded approval to the consolidated project (Ghaggar and Yamuna Action Plan) on 04.01.2020 for 1098.25 crores for 207 No. STPs.
- Out of these. 35 STPs have been selected for installing micro irrigation also. Out of these 20 STPs are under Yamuna Action Plan and the remaining 15 are under Ghaggar Action Plan.
- These 35 STPs have combined treatment capacity of 338.85 MLD in 21 districts of the State and a project has been sanctioned by Govt. of India for these STPs. namely "STP Micro Irrigation project under NABARD assisted Micro Irrigation Fund" for Rs. 490.53 crores.
- The whole project consisting of 35 STPs is to be completed within 2 years and the Action Plan/ Timeline prepared by the field officers.
- The sanction amounting to Rs. 5582.00 Lacs for Karnal STP, Rs. 343.59 Lacs for Jakhal Town, Rs. 739.42 Lacs for Ratia Town and Rs. 1079.32 Lacs for Tohana Town has been received from the Govt.
- The bid document for calling tenders has been approved by Government and Tender for 05 nos. works will be called shortly. The Action plan for 15 STPs under Ghaggar Action Plan.
- Regarding remaining STPs, the five year action plan will be prepared soon and will be intimated accordingly.
- Irrigation Department has already identified the effluent generating departments. These departments are constructing/ planning to construct STPs and CETPs for treatment of the effluent generated. Till then the in-situ (**original place**) remediation

(Bioremediation/ Phytoremediation) is required and that needs to be carried out by the department discharging the sewage effluent into the drains.

Sr. No.	Name and Address of STPs	Deptt.	Capacity	Flow of inlet (in MLD)	Treated Effluent (in MLD)	Quantum of Treated Effluent being reused (in MLD)	Mode of re-use (Irrigation/ Horticulture/ Industrial use/ any others)

Panchayats Department

1. Under construction soakage pits in villages.

It was observed by Executive Committee that in Villages Dholuwal, Burjkotla, Toda, Mouli, Khetpural, Rehor and Bharoli of District Panchkula, soakage pits are under construction, whereas, soakage pit is not a scientific and environmentally sound technology as it may calls ground water contamination.

Further, no source of pollution/ contamination of ground water is to be allowed under Water Act, 1974.

So, the Panchayats Department shall look into the issue and take appropriate action accordingly, so that the ground water contamination may not occur. Revised plan for sewage treatment in such villages may be submitted to HSPCB.

As per Section 25 of Water Act, 1974, the outlet of sewage shall seek prior consent (CTE) of the Board. Now, the Panchayats Department is setting up treatments systems for polluted effluent from villages. Therefore, the Departments should seek prior consent of the Board under provisions of Water Act and apply on single window established by the State Govt. in this regard to fulfill the legal formality.

2. Prior consent to establish (CTE) for new/ upgraded STPs

As per Water Act/Environment norms, the STPs have to obtain prior consent to establish (CTE) before starting construction of the new STPs or upgradation of STPs. The Govt. has already set up single window for this purpose. The Department may submit the status of consent to establish for new STPs and for STPs to be upgraded. It may be ensured that CTE has been obtained for such STPs.

3. Survey of sources of pollution

River Yamuna

Sr. No.	Department Name	Department Points	Received Action Plan	Action not required	Pending Points
1	D&P	23	6	15	2

River Ghaggar

Sr. No.	Department Name	Department Points	Action plan not required/completed	Received Action Plan	Pending Points
1	D&P	140	30	87	23

4. Treatment plants in villages

River Ghaggar

- No. of work proposed as per Action Plan- 45
- No. of works not sanctioned- 1
- No. of work sanctioned- 44
- No. of work completed- 6
- No. of works in progress- 29
- No. of works not started- 8

River Yamuna

- No. of work proposed as per Action Plan- 277
- No. of works not sanctioned-10
- No. of work sanctioned- 267
- No. of work completed- 26
- No. of works in progress- 152
- No. of works not started- 89

Land is yet to be acquired in 37 villages.

Rural Development Department

1. Watershed Management.

The Panchayats Department has submitted plan for Watershed Management in Yamuna catchment. The latest progress received upto Jan, 2021 is as under:-

Monthwise Physical Achievement under Watershed Management (IWMP) in Yamuna Basin:-

Sr. No.	District	Month wise Physical Achivement under Watershed Management (IWMP) in Yamuna Basin																
		Achievement upto August	Sept		Oct		Nov		Dec		Jan		Feb		March		Total	
			T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A
1	Gurugram	5	14	2	14	7	20	13	25	15	26	2	30		33		167	44
2	Mewat	2	2	0	5	1	4	0	5	1	3	1	6		5		32	5
3	Rohtak	2	1	1	2	2				3	0						5	8
4	Palwal	5	11	4	14	6	18	0	19	2	21	10	20		23		131	27
5	Sonipat									0	0						0	0
6	Jhajjar	22	5	5	5	7				5	0						32	39
		36	33	12	40	23	42	13	49	26	50	13	56		61		367	123

T- Target

A- Achievement

The project wise monthly plan may be submitted on the format given as under:-

Sr. No.	Name of Project	Location/Geo coordinates (Lat./Long)	Target date	Monthly plan and progress															
				Jan, 2021		Feb, 2021		Mar, 2021		Apr, 2021		May, 2021		Jun, 21		Total			
				T	A	T	A	T	A	T	A	T	A	T	A	T	A		

T- Target

A- Achievement

Forest Department

1. Development of Bio-diversity Parks and plantation of trees along rivers.

The Forest Department has apprised action plan and progress regarding development of bio-diversity along rivers and plantation of trees.

But location needs to be informed the Geo Coordinates of the areas where trees have been planted. The Executive Committee has asked for the same so, that physical achievement could be verified.

Forest Department has given the location of plantation vide their letter no. 1019 dated 07.01.2021 but the enclosure are not readable. So, the soft copy of the same may be provided.

The monthly action taken report is also not received.

River Ghaggar

Herbal Parks for Bio-diversity conservation		
District	Name	Areas in Acre.
Panchkula	i) World Herbal Forest, Morni	12500
	ii) Kapoor Vatika at Mallah	25
	iii) Thapli Herbal Park at Village Thapli	10
	iv) Tikka-Tal Herbal Park	20
Fatehabad	i) Mulethi Vatika at Gilakhera	14
	ii) Er. Kanwar Sain Gupta Herbal Park at Tohana	25
Sirsa	i) Bahera Vatika at Village Fulkan Village	17
Total		12611

River Yamuna

Herbal Parks for Bio-diversity conservation		
District	Names	Area in Acre
Yamuna Nagar	i) Rudraksh Vatika at village Chuharpur	184
	ii) Adi Badri Herbal Park	10
Karnal	i) Ashok Vatika at Gharaunda	5
	ii) Indri Herbal Park	10
Panipat	i) Bilva Vatika at Pati Kalyana Village	14
Sonipat	ii) Amaltas Vatika Pati Kalyana Village	8
	ii) Khanpur Kalan Herbal Park	12
Faridabad	i) Ratanjot Vatika at Gurugram Canal at Faridabad	10
Palwal		0
Total		253

Mining and Geology Department

1. Effective Mining Policy.

Mining Department has formulated the policy of sand mining.

Mining Department has submitted action taken report for illegal mining.

In Feb, 2021; 646 vehicle seized for illegal mining out of which 477 released, penalty of Rs. 13 Cr. imposed and 13 FIR lodged against illegal miners.

MPR for March, 2021 not submitted.

Industries Department

1. Shifting of industries.

Industrial units in non-conforming areas: Y Nagar / Jagadhri, Sonapat, Panipat, Rohtak & Faridabad

Actions taken so far for shifting of units in Y Nagar / Jagadhri- Industry Department may inform the status.

Regarding industrial units in non conforming areas at Sonapat (Kundli), Faridabad & Panipat.

Yamuna Nagar/Jagadhari

Industries Department intimated vide their letter dated 10.07.2020 and DO letter dated 28.07.2020 from PS, Industries that it was decided in the meetings held under the Chairmanship of PS, Industries on 13.01.2020 and 16.03.2020 that PHED will provide land to HSIIDC for construction of 1 CETP of about 20 MLD capacity at Jagadhari and another CETP of 10 MLD capacity at Yamuna Nagar. HSIIDC had requested PHED to provide land and survey details of industries, sewerage plan and quantum of total effluent from industries located in above areas. It was also decided that IIT, may engaged to take up the study of sewerage system of Jagadhari and Yamuna Nagar towns to suggest what can be done to treat the mixed discharge i.e. D.E and T.E. Accordingly, HSIIDC had requested IIT, Roorkee to depute a team of experts for the same. IIT Roorkee team has visited the sites at Jagadhari and Yamuna Nagar on 13.07.2020 and has sought some more information relating to PHED and industries, which is being arranged.

Sonapat, Faridabad and Panipat

Regarding industries units in non conforming areas at Sonapat (Kundli), Faridabad and Panipat, matter pertains to ULBD. Progress may be apprised by ULBD and industries.

2. Survey of sources of pollution

River Yamuna

Sr. No.	Department Name	Department Points	Receive Action Plan	Action not required	Pending Points
1	Industry Department	1	0	0	1

River Ghaggar

Sr. No.	Department Name	Department Points	Action plan not required/completed	Receive Action Plan	Pending Points
1	Industry Department	3	1	0	2

Annexure-1

Monthly plan of existing STPs in Yamuna Catchment for achieving Faecal Coliform Standard of 100 MPN/ 100 ml

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022													
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22	Mar, 22
1.	Yamuna Nagar	Yamuna Nagar	PHE D	25	31.12.2020	Achieved (<1.8)													
2.	Yamuna Nagar	Radur Road, Yamuna Nagar	PHE D	20	31.12.2020	Achieved (4.5)													
3.	Yamuna Nagar	Parwalo, Jagadhri	PHE D	24	31.12.2020	Achieved (1.8)													
4.	Yamuna Nagar	Chhachhrauli	PHE D	3	31.12.2020	Absent													
5.	Yamuna Nagar	Radaur	PHE D	3.5	31.12.2020	Achieved (94)													
6.	Yamuna Nagar	Baddimajra, Yamuna Nagar	PHE D	10	30.06.2022	Achieved (94)													
7.	Karnal	Gharanda	PHE D	7	31.12.2020	Achieved (80)													
8.	Karnal	Indri	PHE D	1.5	30.06.2022														
9.	Karnal	Nilokheri	PHE D	6	31.12.2020	Achieved (70)													

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
10.	Karnal	Nissing	PHE D	4	31.12.2020	Achieved (58)												
11.	Karnal	Tarori	PHE D	5.5	31.12.2020	Achieved (63)												
12.	Panipat	Sewah, Panipat	PHE D	35	31.12.2020	Achieved (94)												
13.	Panipat	Jattal Road, Panipat	PHE D	10	31.12.2020	Achieved (84)												
14.	Panipat	Samalkha	PHE D	5	30.06.2022													
15.	Panipat	Sewah, Panipat	PHE D	25	31.12.2020	Achieved (80)												
16.	Panipat	Jattal Road, Panipat	PHE D	20	31.12.2020	Achieved (90)												
17.	Sonepat	Kharkhoda	PHE D	4.5	30.06.2022													
18.	Sonepat	Ganaur	PHE D	7	30.06.2022													
19.	Sonepat	Gohana	PHE D	3	30.06.2022													
20.	Sonepat	Gohana	PHE D	8.3	30.06.2022													
21.	Jhajjar	Kosli Road, Jhajjar	PHE D	5.5	30.06.2022													
22.	Jhajjar	Sampla	PHE	5	30.06.2022													

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Feacal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		Road, Jhajjar	D															
23.	Jhajjar	Beri	PHE D	2	30.06.2022													
24.	Jhajjar	Bahadur garh	PHE D	18	31.12.2020	NA												
25.	Jhajjar	Bahadur garh	PHE D	36	31.12.2020	Achieved (94)												
26.	Rohtak	PGI Rohtak	PHE D	19.5	31.12.2020	Achieved (80)												
27.	Rohtak	Sonaria, Rohtak	PHE D/UL B	40	31.12.2022													
28.	Rohtak	Kalanaur	PHE D	3.5	30.06.2022													
29.	Rohtak	Meham	PHE D	5	30.06.2022													
30.	Rohtak	Singhpura, Rohtak	PHE D	10	31.03.2021													
31.	Rohtak	Singhpura, Rohtak	PHE D	14	31.12.2020	Achieved (70)												
32.	Rohtak	Sampla	PHE D	4	30.06.2022													
33.	Nuh	Taoru	PHE D	4.5	30.06.2022													
34.	Nuh	Punhana	PHE D	4.5	30.06.2022													
35.	Nuh	Nuh	PHE	3.6	30.06.2022													

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
			D															
36.	Nuh	Ferozepur Jhirka	PHE D	5	31.12.2022													
37.	Palwal	Hassanpur	PHE D	3	31.12.2020	Achieved (86)												
38.	Palwal	Hathin	PHE D	4.5	30.06.2022													
39.	Palwal	Hodal	PHE D	9	31.12.2020	Achieved (84)												
40.	Palwal	Palwal	PHE D	9	31.03.2021													
41.	Kurukshetra	Indri Road, Ladwa	PHE D	7	31.12.2020	Achieved (94)												
				449.9														
	HSVP																	
42.	Panipat	Sec-19, Panipat	HSV P	30	30.06.2021													
43.	Panipat	Sec-6, Panipat	HSV P	0.8	30.06.2021													
44.	Sonepat	Rajiv Gandhi Edu. City, Phase-I, Sonepat	HSV P	7.5	30.06.2021													
45.	Jhajjar	Sec-36, Bahadur garh	HSV P	10	30.06.2021													
46.	Rohtak	Sec-25,	HSV	10	30.06.2021													

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		Rohtak	P															
	Total			58.3														
	GMDA																	
47.	Gurgaon	Dhanwapur, Gurgaon	GMDA	68	31.03.2021													
48.	Gurgaon	Dhanwapur, Gurgaon	GMDA	100	31.12.2022													
49.	Gurgaon	Behrampur	GMDA	50	31.03.2021													
50.	Gurgaon	Behrampur, Gurgaon	GMDA	120	31.12.2022													
51.	Gurgaon	Gurgaon	GMDA	50	31.03.2021													
	Total			388														
	ULBD																	
52.	Faridabad	Badshahpur, Faridabad	ULB	45	31.03.2021													
53.	Karnal	Transport Nagar, Karnal	ULB	50	already achieving													
54.	Karnal	Goghari pur Road,	ULB	10	already achieving													

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Feecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		karnal																
55.	Karnal	Kaithal Road, Karnal	ULB	8	target date not given													
56.	Karnal	RK Puram, Karnal	ULB	8	already achieving													
57.	Sonepat	Rathdana Road, Sonepat	ULB	30	already achieving													
58.	Sonepat	Kakroi Road, Sonepat	ULB	25	already achieving													
	Total			271														

Monthly plan of existing STPs in Ghaggar Catchment for achieving Faecal Coliform Standard of 100 MPN/ 100 ml

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
1	Ambala	Naya Gaon, Unit-I, Ambala City	PHED	3	30.06.2022													
2	Ambala	Naya gaon, Unit-II, Ambala City	PHED	3.25	30.06.2022													
3	Ambala	Baldev Nagar, Unit-I, Ambala City	PHED	5	30.06.2022													
4	Ambala	Baldev Nagar, Unit-II, Ambala City	PHED	3.25	30.06.2022													
5	Ambala	Moti Nagar, Unit-I, Ambala City	PHED	5	30.06.2022													
6	Ambala	Moti Nagar,	PHED	5	30.06.2022													

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		Unit-II, Ambala City																
7	Ambala	Modal Town, Ambala City	PHED	6	31.12.2022													
8	Ambala	Nasirpur, Ambala City	PHED	3.25	30.06.2022													
9	Ambala	Sadopur	PHED	0.25	31.12.2020	Achieved (79)												
10	Ambala	Devi Nagar, Ambala City	PHED	3	30.06.2022													
11	Ambala	Naraingarh	PHED	3	30.06.2022													
12	Kurukshetra	Modal Town, Pehowa	PHED	8	30.06.2022													
13	Kurukshetra	Ladwa Road, Shahbad	PHED	11.5	31.12.2020	Achieved (98.7)												
14	Kurukshetra	Thanesar	PHED	25	31.12.2020	Achieved												

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Feacal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
						(90)												
15	Panchkula	Kalka	PHED	4.5	31.12.2022													
16	Panchkula	Kalka	PHED	0.25	31.12.2020	Achieved (40)												
17	Panchkula	Nalagarh Road, Pinjore	PHED	5	31.12.2020	Achieved (90)												
18	Jind	Hansi Road, Jind	PHED	15	31.03.2021													
19	Jind	Narwana Road, Jind	PHED	5	30.06.2022													
20	Jind	Jind	PHED	7	31.12.2020	Achieved (84)												
21	Jind	Patiala Road, Narwana	PHED	3.5	30.06.2022													
22	Jind	dharodi Road Narwana	PHED	3.75	30.06.2022													
23	Jind	Narwana	PHED	2	30.06.2022													
24	Jind	Near	PHED	2	30.06.2022													

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Feacal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		Railway, Uchana																
25	Jind	Bhangra Road, Uchana	PHED	1.5	30.06.2022													
26	Jind	Safidon	PHED	9	31.12.2020	Achieved (94)												
27	Kaithal	Cheeka	PHED	10	31.12.2020	Achieved (148)												
28	Kaithal	Jind Road, Kaithal	PHED	10	31.12.2020	Achieved (500)												
29	Kaithal	Manas Road, Kaithal	PHED	10	31.12.2020	Achieved (2500)												
30	Kaithal	Manas Road, Kaithal	PHED	10	31.03.2021													
31	Kaithal	Kalayat	PHED	5	31.12.2020	Achieved (85)												
32	Kaithal	Pundri	PHED	3.5	31.03.2021													
33	Hisar	Azad Nagar, Rajgarh Road	PHED	15	31.12.2020	Achieved (190)												

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
		Hisar																
34	Hisar	Rishi Nagar, Hisar	PHED	40	31.12.2020	Achieved (4500)												
35	Hisar	Kaimri road, Hisar	PHED	4	31.12.2020	Achieved (210)												
36	Hisar	Narnaund	PHED	4	31.12.2020	Achieved (74)												
37	Sirsa	Chautala Road, Dabwali	PHED	16.5	31.12.2020	Achieved (96)												
38	Sirsa	Shamsabad patti, Kalania Road, Sirsa	PHED	15	31.3.2021													
39	Sirsa	Kelnia	PHED	20	31.12.2020	Achieved (180)												
40	Sirsa	Vill. Nattar 1, Sirsa	PHED	5	30.06.2022													
41	Sirsa	Vill. Nattar 2, Sirsa	PHED	5	30.06.2022													

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
42	Sirsa	Daddu Road, Kalanwali	PHED	9.5	31.12.2020	Achieved (95)												
43	Sirsa	Ellenabad	PHED	7.5	31.03.2021													
44	Sirsa	Jevan Nagar, Rania	PHED	6	31.12.2020	Achieved (800)												
45	Fatehabad	Vill. Bhodia Khera, Bhattu Road, Fatehabad	PHED	10	31.03.2021													
46	Fatehabad	Vill. Amani, Tohana, Distt. Fatehabad	PHED	10	31.03.2021													
47	Fatehabad	Lali Road, Ratia	PHED	6.5	31.03.2021													
48	Fatehabad	Fatehabad	PHED	5	31.12.2020	Achieved (92)												
49	Fatehabad	Jakhal	PHED	3	31.12.2020	Achi												

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Feacal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022												
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
	ad	Mandi				eved (90)												
	Total HSVP			373.5														
1	Ambala	Sec-7, Urban Estate, Ambala City	HSVP	2	30.06.2021													
2	Kurukshetra	Sec-6, Urban Estate, Thanesar	HSVP	15	30.06.2021													
3	Panchkula	Sec-20, Panchkula	HSVP	18	30.06.2021													
4	Panchkula	Sec-20, Panchkula	HSVP	39	30.06.2021													
5	Panchkula	Sec-28, Panchkula	HSVP	15	30.06.2021													
6	Jind	Jind	HSVP	10	30.06.2021													
7	Kaithal	Kaithal	HSVP	7.5	30.06.2021													
8	Hisar	Dabara Tosham Road, Hisar	HSVP	15	30.06.2021													

Sr. No.	Name of the district	Name of the town/city	Deptt.	Capacity (MLD)	Likely date of achieving Feecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022													
						Feb, 21	Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sept, 21	Oct., 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22	Mar, 22
9	Fatehbad	Village Majra	HSVP	10	30.06.2021														
	Total			131.5															
	Garrison Engineer																		
1	Panchkula	Garrison Engineer, Chandimandir	GE	9	31.03.2020														

Monthly plan of existing STPs in Other areas (except Yamuna and Ghaggar catchment) for achieving Faecal Coliform Standard of 100 MPN/ 100 ml

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022											
						Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sep, 21	Oct, 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
1	Gurgaon	Sohna	PHED	6	30.06.2022												
2	Gurgaon	Pataudi	PHED	4.5	31.12.2022												
3	Gurgaon	Farrukhnagar	PHED	3	31.12.2020	Ac hiev ed (80)											
4	Gurgaon	Haily Mandi	PHED	5.5	31.12.2020												
5	Jind	Julana	PHED	4	30.06.2022												
6	Bhiwani	Dhana Road, Bhiwani	PHED	10	30.06.2022												
7	Bhiwani	Bhiwani	PHED	10	30.06.2022												
8	Bhiwani	Bhiwani	PHED	15	31.12.2020	Ac hiev ed (79)											
9	Bhiwani	Bhiwani	PHED	15	31.12.2020	Ac hiev ed (84)											
10	Bhiwani	Charkhi Dadri	PHED	5	30.06.2022												
11	Bhiwani	Charkhi Dadri	PHED	5	31.12.2020	Ac hiev ed (90)											
12	Bhiwani	Bawani Khera	PHED	4.5	30.06.2022												
13	Bhiwani	Loharu	PHED	3.5	30.06.2022												
14	Bhiwani	Tosham	PHED	3	31.03.2021												
15	Bhiwani	Siwani	PHED	4	31.03.2021												
16	Mohinderga	Mohindergarh	PHED	6.5	target date not												

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving Faecal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022											
						Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sep, 21	Oct, 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
	rh				given												
17	Mohindergarh	Ateli Mandi	PHED	2	30.06.2022												
18	Mohindergarh	Kanina	PHED	3	30.06.2022												
19	Mohindergarh	Rewari Road, Narnaul	PHED	7.5	30.06.2022												
20	Rewari	Bawal	PHED	3	30.06.2022												
21	Rewari	Rewari	PHED	6.5	30.06.2022												
22	Rewari	Rewari	PHED	8	31.12.2020	Achieved (80)											
23	Rewari	Rewari	PHED	16	31.12.2020	Achieved (70)											
24	Rewari	Dharuhera	PHED	9.5	31.12.2020	Achieved (70)											
25	Rewari	Kosli	PHED	3	30.06.2022												
26	Ambala	Barara	PHED	4	31.12.2020	Achieved (79)											
27	Karnal	Assandh	PHED	5	31.03.2021												
28	Hisar	Hansi	PHED	6.5	31.12.2020												
29	Hisar	Dhani Gram, Barwala	PHED	6	30.06.2022												
30	Hisar	Uklana	PHED	6.5	31.12.2022	Ac											

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving Feacal Coliform Standard 100 MPN/ 100 ml	Monthly plan, 2021-2022											
						Mar, 21	Apr, 21	May, 21	Jun, 21	Jul, 21	Aug, 21	Sep, 21	Oct, 21	Nov, 21	Dec, 21	Jan, 22	Feb, 22
						hieved (6)											
31	Hisar	Dhani Kushal, Bhiwani Road, Hansi	PHED	5	31.12.2022												
32	Hisar	Lalpura- Jind Road, Hansi	PHED	7.5	31.12.2022	Ac hieved (260)											
	Total			203.5													
	HSVP																
1	Bhiwani	Bhiwani	HSVP	10	30.06.2021												
2	Rewari	Dharuhera	HSVP	5	30.06.2021												
	Total			15													
	ULBD																
1	Rewari Road, Narnaul	Dharuhera	MC	6													