

I/146079/2022



**HARYANA STATE POLLUTION CONTROL BOARD**  
**C-11, SECTOR-6, PANCHKULA**  
**Ph. 0172-2577870-73**

**E-mail:hspcbwatercell@gmail.com**

**Date20/12/2022**

**HSPCB**

To

1. The Secretary, Government of India,  
Ministry of Jal Shakti, Department of Water Resources,  
River Development & Ganga Rejuvenation,  
Shram Shakti Bhawan, Rafi Marg. New Delhi.
2. The Member Secretary,  
Central Pollution Control Board,  
Parivesh Bhawan, East Arjun Nagar,  
New Delhi

**Sub: Monthly progress Report by State of Haryana regarding Ghaggar and Yamuna Action Plan for the month of October, 2022.**

**Sir**

Please refer to the subject noted above.

In this connection, it is intimated that there are two polluted river stretches in the State of Haryana i.e. river Ghaggar and Yamuna. I have been directed to enclose herewith the progress report of Ghaggar and Yamuna Action Plan of Haryana for the month of October 2022 on the prescribed format for your kind information and necessary action please.

**DA/ As above**

Signed by Jatinder Pal  
Singh

**Sr. Env. Engineer (HQ)**  
Date: 20-12-2022 15:20:55  
Reason: Approved  
**For Chairman**

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

**For the State of Haryana**  
**Upto October, 2022**

**Overall status of the State:**

**I. Total Population: Urban Population**

- ✓ Ghaggar catchment  
Population – 26.9 lacs
  
- Yamuna catchment  
Population – 73.4 lacs
  
- ❖ Other areas-  
Population- 10.8 lacs

**II. Estimated Sewage Generation (MLD):**

- ✓ Ghaggar catchment  
291.46 MLD sewage generation
  
- Yamuna catchment  
1098 MLD sewage generation
  
- ❖ Other areas  
117.5 MLD

**III. Details of Sewage Treatment Plant:**

**• Existing no. of STPs and Treatment Capacity (in MLD):**

- ✓ Ghaggar  
62 STPs of treatment capacity of 535 MLD
  
- Yamuna  
59 STPs of treatment capacity of 1075.2 MLD
  
- ❖ Other areas-  
35 STPs of treatment capacity of 225 MLD.

**• Capacity Utilization of existing STPs:**

- ✓ Ghaggar  
295.7 MLD effluent reaching STPs.
  
- Yamuna  
1039 MLD effluent reaching STPs.

- ❖ Other areas  
131 MLD effluent reaching STPs.

- **MLD of sewage being treated through Alternate technology:**

NIL

- **Gap in Treatment Capacity in MLD:**

- **Yamuna**

There is Gap of 240.44 MLD in the installed treatment capacity at present in comparison to requirement i.e. sewage generation in some towns in catchment of river Yamuna i.e. Samalkha (0.56 MLD), Palwal (9.3 MLD), Faridabad (144.5 MLD) and Gurugram (86 MLD).

- **No. of Operational STPs:**

### Ghaggar

There are total 62 STPs installed in the catchment of river Ghaggar with the capacity of 535 MLD. As per latest status, 21 STP is not meeting the prescribed parameters. The list is enclosed as **Annexure-1**.

### Yamuna

There are total 59 STPs installed in the catchment of river Yamuna with the capacity of 1075 MLD. As per latest status, 24 STPs are not meeting the prescribed parameters. The list is enclosed as **Annexure-2**.

### Other Areas

There are total 35 STPs of 225 MLD capacity is installed in the other areas not following in the catchment of rivers. Out of these 28 STPs are not meeting the prescribed limits. The list is enclosed as **Annexure-3**.

**Table- Details of town wise STPs in the State of Haryana is given as under:-**

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
<b>Ghaggar Catchment</b>					
1	Naraingarh	3	1.7	Operational	Non Complying
2	Ambala	44	22.1	Operational	5 STPs are complying, 7 STPs are Non-Complying (3 MLD Naya Gaon, Unit-I, 3.25 MLD Naya Gaon, Unit-II, 5 MLD Baldev Nagar Unit-I, 3.25 MLD Unit-II, Baldev Nagar, 5 MLD Moti Nagar, Unit -1, 5 MLD Moti Nagar, Unit-II and 6 MLD Modal Town)
3	Ratia	6.5	4.5	Operational	Complying
4	Tohana	10	8.2	Operational	Non Complying

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
5	Jhakal Mandi	3	1.5	Operational	Complying
6	Fatehabad	33	14	Operational	4 STPs are complying
7	Hisar	82	50	Operational	3 STPs are complying, and 2 STP is Non Complying (4 MLD Kaimri Road, Hisar & 15 MLD Dabara Tosham Road, Hisar)
8	Narnaund	4	2.15	Operational	Non Complying
9	Narwana	9.25	7.03	Operational	2 STPs are Non-Complying and 1 STP is Complying except Faecal Coliform 3.75 MLD Narwana and 2 MLD Dablain Road Narwana)
10	Uchana	3.5	2.75	Operational	2 STPs are Non complying
11	Jind	37	20	Operational	1 STP is Complying, 1 STPs is Complying except Faecal Coliform and 2 STPs are Non Complying (5 MLD Jind and 7 MLD Jind)
12	Safidon	9	3.2	Operational	Complying
13	Cheeka	10	5.5	Operational	Complying
14	Kaithal	37.5	21.5	Operational	4 STPs are Complying
15	Kalayath	5	3.5	Operational	Complying
16	Pundri	3.5	3.25	Operational	Complying
17	Shahabad	11.5	6.5	Operational	Complying
18	Pehowa	8	5.5	Operational	Complying except Faecal Coliform
19	Thanesar	40	18	Operational	2 STPs are Complying
20	Kalka	4.75	2.55	Operational	2 STPs are complying except Faecal Coliform
21	Pinjore	5	3.5	Operational	Complying

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
22	Panchkula	81	34.74	Operational	3 STPs are complying and 1 STP is non-complying (18 MLD STP Panchkula)
23	Mandi Dabwali	16.5	13.5	Operational	Complying
24	Kalanwali	9.5	2.5	Operational	Complying
25	Sirsa	45	29.5	Operational	2 STPs are complying and 2 STPs Non-Complying (5 MLD Nattar 1, Sirsa and 5 MLD Nattar 2, Sirsa)
26	Rania	6	2.60	Operational	Complying
27	Ellenabad	7.5	6	Operational	Complying
<b>Total</b>		<b>535</b>	<b>295.77</b>		
<b>Yamuna Catchment</b>					
1	Jagadhri	24	18.5	Operational	Complying
2	Yamunanagar	65	43.70	Operational	4 STPs are Complying
3	Radaur	3.5	2	Operational	Complying except Faecal Coliform
4	Chhachhrauli	3	1.75	Operational	Complying
5	Ladwa	7	5	Operational	Complying
6	Nilokheri	6	3.5	Operational	Complying
7	Taraori	5.5	3.8	Operational	Complying
8	Indri	4	2.35	Operational	Complying
9	Karnal	68	59	Operational	3 STPs are Complying
10	Nissing	4	2.3	Operational	Complying
11	Gharaunda	7	4.7	Operational	Complying
12	Panipat	120.8	42	Operational	6 STPs are complying
13	Samalkha	5	4	Operational	Non-Complying
14	Gohana	11.3	8.72	Operational	2 STPs are Non-Complying
15	Ganaur	7	5.5	Operational	Non-Complying
16	Sonepat	62.5	48.3	Operational	3 STPs are Complying

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
17	Kharkhoda	4.5	2	Operational	Non-Complying
18	Meham	5	2.65	Operational	Non Complying
19	Rohtak	93.5	49.7	Operational	2 STPs are Complying and 3 STPs are non-complying (40 MLD Sonaria, Rohtak, 10 MLD sector-25, Rohtak and 10 MLD Singhpura Rohtak)
20	Kalanaur	3.5	2.5	Operational	Non Complying
21	Sampla	4	2.66	Operational	Non Complying
22	Beri	3	1.72	Operational	Complying
23	Bahadurgarh	64	22.6	Operational	2 STPs are complying and 1 STP is non-complying (18 MLD Line Par, Bahadurgarh)
24	Jhajjar	10.5	6.45	Operational	2 STPs are Non Complying
25	Taoru	4.5	2.6	Operational	Non-complying
26	Gurugram	388	474	Operational	4 STPs are complying and 1 STP non-complying (100 MLD Dhanwapur, Gurugram).
27	Nuh	3.6	2.3	Operational	Non Complying
28	Ferozpur jhirka	5	2.45	Operational	Non Complying
29	Punhana	4.5	1.25	Operational	Non Complying
30	Faridabad	52.5	197	Operational	1 STP complying & 1 STP is non-complying (45 MLD Badshahpur, Faridabad)
31	Palwal	9	9	Operational	Non Complying
32	Hathin	4.5	2.08	Operational	Non Complying
33	Hassanpur	3	1.25	Operational	Non Complying
34	Hodal	9	4.6	Operational	Non Complying
<b>Total</b>		<b>1075.2</b>	<b>1038.9</b>		
<b>Other STPs</b>					
1	Sohna	6	4.5	Operational	Non Complying
2	Pataudi	4.5	2.7	Operational	Non Complying
3	Farrukhnagar	3	1.85	Operational	Complying
4	Haily Mandi	5.5	2.9	Operational	Complying

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
5	Julana	4	2.3	Operational	Non Complying
6	Dhana Road, Bhiwani	10		Operational	Non Complying
7	Bhiwani	10	38	Operational	Non Complying
8	Bhiwani, Phase-I	15		Operational	Complying
9	Bhiwani, Phase-II	15		Operational	Non Complying
10	Charkhi Dadri	5	6	Operational	Non Complying
11	Charkhi Dadri	5		Operational	Non Complying
12	Bawani Khera	4.5	2	Operational	Non Complying
13	Loharu	3.5	2	Operational	Non Complying
14	Tosham	3	1.62	Operational	Non Complying
15	Siwani	4	2.75	Operational	Non Complying
16	Mohindergarh	6.5	2.5	Operational	Non Complying
17	Ateli Mandi	2	1.16	Operational	Non Complying
18	Kanina	3	0.89	Operational	Non Complying
19	Rewari Road, Narnaul	7.5	5	Operational	Non Complying
20	Bawal	3	2	Operational	Non Complying
21	Rewari	6.5		Operational	Non Complying
22	Rewari	8		Operational	Non Complying
23	Rewari	16	20	Operational	Non Complying
24	Dharuhera	9.5	4	Operational	Non Complying
25	Kosli	3	2	Operational	Non Complying
26	Barara	4	2.34	Operational	Complying
27	Assandh	5	3.80	Operational	Complying
28	Hansi	6.5	13	Operational	Non Complying
29	Dhani Gram, Barwala	6	4.5	Operational	Non Complying
30	Uklana, Hisar	6.5	3.5	Operational	Non Complying
31	Dhani Kushal, Bhiwani Road, Hansi	5		Operational	Non Complying
32	Lalpura- Jind Road, Hansi	7.5		Operational	Non Complying
33	Bhiwani	10		Operational	Complying
34	Dharuhera	5		Operational	Complying
	Near Chinkara	6		Operational	Non Complying

Sr. No.	Town	Existing STP Capacity (MLD)	Capacity Being Utilized	Operational status of STP	Compliance status of STPs
35	Rest House, Rewari Road, Narnaul				
<b>Total</b>		<b>225</b>	<b>131.31</b>		

### Details of under construction STPs in the State

Sr. No.	Location	Capacity of the plant in MLD	Physical Progress\ in %	Status of I&D or House sewer connections	Completion Timeline
<b>Ghaggar Catchment</b>					
1	12 Cross Road, Ambala	12	35%	215311 House sewer connections provided in the Ghaggar Catchment.	31.01.2023
2	Khuda Khurd, Ambala	12	40%		31.01.2023
3	Babyal	10	97%		31.12.2022
4	Shahpur Machhonda	7.5	73%		31.12.2022
5	Saketri-STP	1.5	100%		31.12.2022
6	Uchana	2	97%		31.12.2022
7	Ramgarh, Panchkula	1	100%		31.12.2022
8	Hisar	15	73%		31.03.2023
	<b>Total</b>	<b>61</b>			
<b>Yamuna Catchment</b>					
1	Shiv Colony, Karnal	8	91%	594663 House sewer connections provided in the Yamuna Catchment.	31.03.2023
2	Phooshgarh, Karnal	20	92%		31.03.2023
3	Peer Bodhi, Rohak	15	81%		31.03.2023
4	Faridabad, sector-21	10	95%		31.12.2022
5	Kithwari	10	81%		31.12.2022
6	Jodhpur Road, Palwal	15	86%		31.12.2022
7	Ferozpur, Palwal	2.5	86%		31.12.2022
8	Sonepat (Aterna)	15	70%		31.03.2023
9	Murthal Sonepat	3	57%		30.06.2023
10	Jhazgarh	20	50%		31.12.2023
11	Bajghera	2	22%		31.03.2023
12	Rohtak	10	98%		31.01.2023
13	Mirjapur, Faridabad	80	50%		30.06.2023
14	Partapgarh, Faridabad	100	51%		30.06.2023
15	Faridabad	30	100%		Completed
16	Dev Colony, Panipat	15	70%		31.01.2023
17	Barsat Road, Panipat	25	60%		31.01.2023
18	Manesar and Naharpur Kasan, Gurugram	25	10%		31.07.2023
	<b>Total</b>	<b>405.5</b>			



### Details of proposed STPs in the State

Sr. No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded)	Likely Date of Completion
<b>Ghaggar Catchment</b>				
1	Sector-32, Ambala Cantt.	5	Sewage is lifted to the existing 2 MLD STP of HSVP in Ambala.	31.12.2027
2	Naraingarh, Ambala	1	Sewage is lifted to the existing STP of PHED in Naraingarh.	31.12.2024
3	Pinjore, Panchkula	8	No discharge yet.	31.12.2027
4	Jind	5	The existing 10 MLD STP is sufficient.	31.12.2027
5	Hansi	5	Present discharge, though very little, is being treated in existing STP.	31.12.2027
6	Hisar	10	Sewage is lifted to the existing 15 MLD STP of HSVP in Hisar.	31.12.2024
7	Hisar	5	No discharge yet	31.12.2026
	<b>Total</b>	<b>39</b>		

#### **IV. Details of Industrial Pollution:**

Sr. No.	River stretch	No. of industries	Quantum of effluent generated (in MLD)	No. of industries having ETPs	No. of industries connected to CETPs
1	Yamuna	3505	121.11	3505	814
2	Ghaggar	212	5.2	212	28
	<b>Total</b>	<b>3717</b>	<b>126.31</b>	<b>3717</b>	<b>842</b>

- **Number and total capacity of CETPs (details of existing/ under construction / proposed)**

Sr. No.	River stretch	Existing CETPs		Under construction CETPs		Proposed CETPs	
		No.	Capacity (in MLD)	No.	Capacity (in MLD)	No.	Capacity (in MLD)
1	Yamuna	14	161.5	3	19	6	120.5
2	Ghaggar	4	6.1	2	3	0	0
3	Other Areas	1	22.5	0	0	0	0
	<b>Total</b>	<b>19</b>	<b>190.1</b>	<b>5</b>	<b>22</b>	<b>6</b>	<b>120.5</b>

- **Status of compliance and operation of the CETPs.**  
**Ghaggar Catchment**

Town	No. of industries	Industrial Discharge (in MLD)	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Naraingarh	10	0.002	All units have Installed ETPs	0
Ambala	69	1.2		<b>Existing</b> – 2 CETP of 5.5 MLD capacity are complying as per latest A/Rs

Town	No. of industries	Industrial Discharge (in MLD)	Status of ETPs	Status of CETPs (existing, under construction & proposed)	
Jind	No industry in catchment of river/drains of Ghaggar	0		<b>Existing-</b> 1 CETP of 0.1 MLD capacity is complying. <b>Under construction-</b> 1 CETP of 1.5 MLD capacity.	
Shahbad	4	0.001		0	
Pehowa	3	3.4		0	
Kurukshetra	26	0.036		0	
Kalka	8	0.01		0	
Barwala	10	0.07		<b>Existing-</b> 1 CETP of 0.5 MLD capacity and the same is complying as per latest A/R	
Panchkula	82	0.5		0	
Sirsa	0	0		<b>Under construction-</b> 1 CETP of 1.5 MLD capacity.	
<b>Total</b>	<b>212</b>	<b>5.2</b>			

### Yamuna Catchment

Town	No. of industries	Industrial Discharge (In MLD)	Status of ETPs	Status of CETPs (existing, under construction & proposed)	
Jagadhri/ Yamunanagar	207	18.4	All units have Installed ETPs	<b>Under construction-</b> 1 CETP of 3 MLD capacity	
Karnal	341	18.4		0	
Panipat	286	24.3		<b>Existing-</b> 3 CETPs are all complying.	
Sonepat	789	21.8		<b>Existing-</b> 4 CETPs of 25.2, 2 CETPs are complying and <b>2 CETP is non complying.</b> <b>Under construction-</b> 1 CETP of 6 capacity.	
Rohtak	89	1.4		<b>Existing-</b> 2 CETPs of 13 (1 CETP of 3 MLD is under trial run and the other CETP of 10 MLD at IMT Rohtak is complying)	
Jhajjar	311	5.4		<b>Existing-</b> 1 CETP of 12.5 MLD and the same is complying. <b>Under Construction-</b> 1 CETP of 10 MLD capacity	
Gurugram	775	13.27		<b>Existing-</b> 2 CETPs of 55.2 MLD and are complying. <b>Proposed-</b> 3 CETPs of 30.5 MLD capacity.	
Nuh	39	1.5		0	
Palwal	76	7.7		0	
Faridabad	592	8.94		<b>Existing-</b> 2 CETPs of 11.1 MLD are complying. <b>Proposed-</b> 3 CETPs of 90 capacity.	
<b>Total</b>	<b>3505</b>	<b>121.11</b>			

The list is enclosed as under:-

Sr. No.	Name of CETP	Capacity in MLD	Deptt.	Analysis report no. and date	Compliance status
River Yamuna					

Sr. No.	Name of CETP	Capacity in MLD	Deptt.	Analysis report no. and date	Compliance status
1	IE Rai, Sonapat	5	HSI IDC	573 dt. 05.09.2022	Complying
2	IE Barhi, Sonapat	16	HSI IDC	935 dt. 10.11.2022	Non-Complying
3	IE Kundli, Sonapat	4	HSI IDC	925 dt. 10.11.2022	Complying
4	IE Murthal, Sonapat	0.2	HSI IDC	934 dt. 10.11.2022	Non-Complying
5	IMT Rohtak	10	HSI IDC	891 dt. 07.11.2022	Complying
6	IE Kutana, Rohtak	3	HSI IDC	Under trial run	
7	IE Panipat Refinery Complex, Panipat	2.5	HSI IDC	Could not be functional, due to Non availability of sufficient effluent	
8	HSI IDC Sector 16-17, Bahadurgarh	12.5	HSI IDC	929 dt. 10.11.2022	Complying
9	IMT faridabad	10.5	HSI IDC	997 dt. 18.11.2022	Complying
10	IMT Manesar, Gurugram	55	HSI IDC	1042 dt. 23.11.2022	Complying
11	Sector-29, Unit-I, Panipat	21	HSVP	7305 dt. 07.11.2022	Complying
12	Sector-29, Unit-II, Panipat	21	HSVP	7306 dt. 07.11.2022	Complying
13	Faridabad Electroplaters Association	0.6	Private	780 dt. 14.10.2022	Complying
14	Industrial Area, Sector-37, Gurugram	0.2	Private	761 dt. 12.10.2022	Complying
<b>River Ghaggar</b>					
15	IE Barwala, Panchkula	0.5	HSI IDC	7300 dt. 07.11.2022	Complying
16	Ambala Cantt.	0.5	HSI IDC	7256 dt. 27.10.2022	Complying
17	Saha, Ambala	5	HSI IDC	7257 dt. 27.10.2022	Complying
18	I. E. Jind	0.1	HSI IDC	7314 dt. 07.11.2022	Complying
<b>Other areas</b>					
19	IMT Bawal, Rewari	22.5	HSI IDC	749 dt. 12.10.2022	Complying
<b>Total capacity</b>		<b>190.1</b>			

#### V. Solid Waste Management:

- **Total number of Urban Local Bodies and their Population.**

There are 90 Municipalities in the State out of which MC, Manesar, Mandi Adampur, Badhda, Seewan have been recently notified as Municipalities. As per updated report, Solid Waste Management 5489 TPD is daily generation of

Municipal Solid Waste and the population of all Municipalities is 88,42,103 as per Census 2011.

- **Current Municipal Solid Waste Generation.**

As per annual report 2021, Solid Waste Management 8766 TPD is daily generation. Brief status regarding management of Solid Waste in ULBs is as under:-

SWM Activities in State	Quantity
Total No. of Wards	1639
Quantity of Solid Waste	5489 TPD
No. of wards with 100% Door to Door Collection	1615
No. of wards where segregation is initiated	1150
Quantity of Wet waste	2854 TPD
Quantity of dry waste	2140 TPD
Quantity of wet waste being processed	2136 TPD
Quantity of dry waste being processed	1795 TPD
No. of vehicles for D2D collection	4005
No. of vehicle with Compartment	3300
No. of vehicles with GPS	3120
No. of GVPs Identified	851
No. of BWG identified	1103
No. of BWG processing on site	117
No. of Solid Waste Challan collected in last three months	Total 221 challan of amounting Rs. 248750/-
No. of Plastic Waste Challan collected in last three months	Total 2930 challan of amounting Rs. 1673650/-

For processing of dry waste 88 Material Recovery Facilities (MRF) has also been constructed in various Municipalities for channelization of dry waste.

- **Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.**

As per report submitted by ULBD, there are three existing operational centralized Waste to Compost (WTC) processing facilities in the State at Rohtak (175 TPD), Karnal (150 TPD) & Sirsa (50 TPD). Apart from the above, two Bio-Methanation plants are operational in Faridabad (5 TPD) & Karnal (15 TPD). One Bio-Gas plant of capacity 60 TPD (private party) is operational in Ambala.

Further, there are 2800 no. of compost pits (including park pits) having the capacity approx. 3180 TPD for processing of wet waste and horticulture waste in various MCs. In addition, approx. 11208 household pits have been constructed to encourage the households for home composting in Ambala Sadar, Faridabad, Gurugram, Kaithal, Karnal, Panchkula & Rohtak.

Further, Waste to Energy Plant at ISWM Sonapat-Panipat Cluster of 700 TPD capacity has been commissioned on 16.08.2021. Approximate 8 MW electricity is being generated in this plant.

Work of Waste to Energy Plant (2330 TPD) in Gurugram-Faridabad is also under implementation.

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

Integrated Centralized Waste Processing Approach (Cluster Wise) is being adopted as a long-term approach, with an overall objective to setup regional Waste to Energy, Waste to Compost + RDF processing facilities and Secured Sanitary landfills for scientific disposal of Solid Waste. This approach is more coveted considering the constraints posed by the decentralized approach and its sustainability over long run.

As part of this approach, total 13 Clusters have been formed covering all the 93 ULBs of Haryana. Also, under this approach the projects will be set up on PPP mode and single agency/concessionaire will be responsible for Door to Door Collection, transportation, processing and disposal of Solid Waste for a concession period of 22 years.

Currently 2 Waste to Energy Cluster Projects namely Sonapat-Panipat and Gurugram-Faridabad have been awarded and construction of Sonapat-Panipat Cluster (700 TPD) Waste to Energy project has been commissioned on 16.08.2021. The Environmental Clearance of Gurugram-Faridabad (2300 TPD) Waste to Energy Projects has been granted. The construction of the plant is likely to start soon. Once commissioned these two projects alone will cater to 12 approx. 40% processing of entire waste being generated in the

State.

Remaining eleven (11) clusters are Open Technology Clusters. The details of 13 clusters are attached at **Annexure-4**.

- **Bioremediation of legacy waste lying at existing dump sites.**

Approximate 107 Lakh Metric Ton of legacy waste was lying at the dumping sites in Municipalities, out of which 43.23 lakh MT (40.4%) of legacy waste has been remediated. The details of the same areas under:-

**Status of bioremediation of legacy waste in the Municipalities of State of Haryana**

Sr. No	District	ULB	Status	Quantity of Waste Legacy Waste (Ton)	Quantity of Legacy Waste Remediated (Ton)
1	AMBALA	AMBALA	Proposed & Yet To Start	33544	
2		AMBALA	On-Going	543805	525810
4		BARARA	Proposed & Yet To Start	9800	
5	BHIWANI	BAWANI KHERA	Proposed & Yet To Start	9185	
6		BHIWANI	Proposed & Yet To Start	200000	
7		BHIWANI	On-Going	114000	105000
8		SIWANI	Completed	1236	1236
9		LOHARU	Completed	5109	5109
10		CHARKHI DADRI	Proposed & Yet To Start	30000	
11		CHARKHI DADRI	Completed	26400	26400
12	FATEHABAD	RATIA	Proposed & Yet To Start	23500	
13		TOHANA	Proposed & Yet To Start	12700	
14		FATEHABAD	Proposed & Yet To Start	43000	
15		FATEHABAD	Completed	47000	47000
16		BHUNA	Proposed & Yet To Start	17400	
17	JAKHAL MANDI	Proposed & Yet To Start	3600		
18	GURGAON	HAILEY MANDI	Remediation Not Proposed	300	
19		PATAUDI	Completed	10727	10727
20		GURGAON	Proposed & Yet To Start	3000000	0

Sr. No	District	ULB	Status	Quantity of Waste Legacy Waste (Ton)	Quantity of Legacy Waste Remediated (Ton)
21		GURGAON	Completed	1700000	1700000
22		FARRUKHNAGAR	Remediation Not Proposed	11857	
23		SOHNA	On-Going	54000	500
24		MANESAR	Proposed & Yet To Start	150000	
25		MANESAR	Remediation Not Proposed	2500	
26	HISAR	BARWALA	Proposed & Yet To Start	6050	
27		HISAR	Proposed & Yet To Start	70000	
28		HISAR	On-Going	130000	45000
29		NARNAUND	Proposed & Yet To Start	3350	
30		HANSI	Proposed & Yet To Start	13000	
31		UKLANA	Proposed & Yet To Start	6400	
32	JHAJJAR	BERI	Proposed & Yet To Start	6005	
33		BERI	On-Going	3995	2885
34		BAHADURGARH	Proposed & Yet To Start	220000	
35		BAHADURGARH	On-Going	210000	170000
36		JHAJJAR	Proposed & Yet To Start	20762	
37		JHAJJAR	On-Going	9238	
38	JIND	BADLI	Proposed & Yet To Start	11060	
39		NARWANA	Proposed & Yet To Start	87561	
40		UCHANA	Proposed & Yet To Start	2800	
41		JIND	Proposed & Yet To Start	188862	
42		JIND	Completed	100000	100000
43		JULANA	Proposed & Yet To Start	5681	
44	SAFIDON	Proposed & Yet To Start	14500		
45	KAITHAL	CHEEKA	Proposed & Yet To Start	10000	
46		CHEEKA	On-Going	18000	16000
47		KAITHAL	Proposed & Yet To Start	70000	
48		KAITHAL	Completed	98000	98000
49		KALAYAT	On-Going	15000	5000
50		KALAYAT	Proposed & Yet To Start	15000	
51		PUNDRI	Proposed & Yet To Start	4100	
52		RAJOUND	Proposed & Yet To Start	5200	
53	SIWAN	Proposed & Yet To Start	4726		
54	KARNAL	NILOKHERI	Completed	11000	11000
55		TARAORI	Completed	8766	8766
56		INDRI	Completed	3000	3000
57		KARNAL	On-Going	95022	71800
58		NISSING	Completed	15000	15000
59		ASSANDH	Completed	15300	15300
60		ASSANDH	Proposed & Yet To Start	7000	
61		GHARAUNDA	Completed	20236	20236
62	KURUKSHETRA	SHAHBAD	Completed	743	743
63		PEHOWA	Completed	10660	10660
64		THANESAR	Remediation Not Proposed	800	
65	MAHENDRAGARH	LADWA	Proposed & Yet To Start	16100	
66		KANINA	Proposed & Yet To Start	10920	
67		MAHENDRAGARH	Proposed & Yet To Start	39349	
68		ATELI	Proposed & Yet To Start	4959	
69		NARNAUL	On-Going	188000	92546
70	NANGAL CHAUDHARY	Proposed & Yet To Start	1550		
71	MEWAT	Taoru	Proposed & Yet To Start	35000	
72		NUH	Remediation Not Proposed	15768	
73		FEROZEPUR JHIRKA	Proposed & Yet To Start	20000	
74		PUNAHANA	Proposed & Yet To Start	20000	
75	PALWAL	PALWAL	Completed	21000	21000
76		HATHIN	On-Going	3420	1650
77		HODAL	Proposed & Yet To Start	6000	
78	PANCHKULA	PANCHKULA	Remediation Not Proposed	18400	
79		PANCHKULA	Proposed & Yet To Start	398388	
80	PANIPAT	PANIPAT	On-Going	409000	302110
81	REWARI	REWARI	Completed	62217	62217
82		REWARI	Proposed & Yet To Start	25000	

Sr. No	District	ULB	Status	Quantity of Waste Legacy Waste (Ton)	Quantity of Legacy Waste Remediated (Ton)
83	ROHTAK	MAHAM	On-Going	13630	12961
84		ROHTAK	On-Going	800000	550000
85	SIRSA	MANDI DABWALI	Proposed & Yet To Start	96000	
86		MANDI DABWALI	Completed	30684	30684
87		KALANWALI	On-Going	3280	1480
88		SIRSA	Proposed & Yet To Start	218470	
89		SIRSA	Completed	44530	44530
90		RANIA	Proposed & Yet To Start	5200	
91		ELLENABAD	On-Going	10816	
92	SONIPAT	GOHANA	Proposed & Yet To Start	77000	
93		GOHANA	Completed	42000	42000
94		GANAUR	Proposed & Yet To Start	20000	
95		SONIPAT	Proposed & Yet To Start	300000	
96		KHARKHODA	On-Going	24000	21000
97	YAMUNANAGAR	YAMUNANAGAR	Proposed & Yet To Start	66000	
98		YAMUNANAGAR	Completed	126001	126001
<b>Total</b>				<b>10759162</b>	<b>4323351</b>
				<b>Say 107 Lakh MT</b>	<b>Say 43.23 Lakh MT</b>

The State Government has approved allocation of funds amounting to Rs. 262.67 Crore for bioremediation of legacy waste. The 1st installment of Rs.44.59 Crore has been released by the State Government to the Urban Local Bodies Department, further limit amounting to Rs. 115.47 cr. has also been assigned to various ULBs for bioremediation of legacy waste to implement the necessary measures for this purpose.

- **No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)**

Presently Municipal Corporation, Gurugram has established a 300 TPD Construction and Demolition Waste processing plant at Village Basai and the capacity of the plant will be increased to 1500 TPD shortly. MC Gurugram has signed agreements with two private contractors to collect and transport the C&D waste from the household's level to the designated C&D waste Plant.

Further, the concessionaire for establishment of 300 TPD C&D waste management plant in Faridabad on PPP mode has also been finalized and agreement has also been signed between concessionaire and Municipal Corporation, Faridabad. The plant is likely to be commissioned by November 2022. As per the terms & conditions of agreement, the agency will start the processing of C&D waste at tie up plant Ghaziabad within 2 months till the commissioning of its plant in Faridabad.

- **Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source**

As per report submitted by ULBD, there are total 1639 wards in MCs of Haryana out of which 1615 wards have been covered with door to door waste collection services. Out of the total wards, source segregation has been initiated in 1150 wards.

- **Details of MSW treatment facilities proposed and under construction (no., capacity, and technology).**

Detail is attached at **Annexure-4**.

- **No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.**

The detail of dumpsites attached at **Annexure-5**.

- **No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers.**

No such data is available at present.

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

The drains of MCs don't falls directly into the rivers. They ultimately join the drains of irrigation and the drains of irrigation falls into the rivers. The MCs are installing the wire mesh in the drains to prevent the solid waste from falling into the drains. At present approximate 387 small drains have been provisioned with wire mesh screens.

#### **Status of ULB wise Management of Solid Waste**

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
93	5489	3931	<ol style="list-style-type: none"> <li>1. Municipal Corporation Sonapat (Waste to Energy Plant)- 700 TPD</li> <li>2. Municipal Corporation, Karnal (Waste to Compost Plant)- Capacity 150 TPD.</li> <li>3. Municipal Corporation, Rohtak (Waste to Compost Plant)- Capacity 175 TPD.</li> <li>4. Municipal Council, Sirsa (Waste to Compost Plant)- Capacity 50 TPD.</li> <li>5. Municipal Corporation Karnal (Bio-methanation Plant)- Capacity 15 TPD</li> <li>6. IOCL, Faridabad (Bio-methanation Plant)- Capacity 5 TPD</li> <li>7. Suntan Biogas Plant, Ambala- Capacity 60 TPD</li> <li>8. Total no. of compost pits for wet waste and horticulture processing - 2800 having the capacity approx. 3180 TPD.</li> <li>9. Total 88 MRF are established in ULBs having the capacity approx. 2395 TPD</li> </ol>	<p>Total Utilization of the existing capacity of the processing facilities: 4045 TPD as mentioned below:</p> <ol style="list-style-type: none"> <li>1. Municipal Corporation Sonapat (Waste to Energy)- 700 TPD</li> <li>2. Karnal, (Waste to Compost)- 150 TPD</li> <li>3. Municipal Corporation Rohtak (Waste to Compost)- 175 TPD</li> <li>4. Municipal Council Sirsa (Waste to Compost)- 50 TPD</li> <li>5. Municipal Corporation Karnal (Bio-methanation)- 15 TPD</li> <li>6. IOCL Faridabad- 5 TPD</li> <li>7. Suntan Biogas Plant, Ambala- 60 TPD</li> <li>8. Compost Pits- Approx. 1100 TPD</li> <li>9. MRF- 1795 TPD</li> </ol>	<p>Integrated Solid Waste Management Projects are likely to be completed upto December 2023.</p>

#### **VI. Bio-medical Waste Management:**

- **Total Bio-medical generation:**

As per the annual report for 2021, total 21436 kg/day Bio Medical Waste is generated in State of Haryana.

- **No. of Hospitals and Health Care Facilities:**



As per the annual report for 2021 there are 6586 no. of HCFs in State of Haryana.

- **Status of Treatment Facility/ CBMWTF:**

As per the annual report for 2021 there are 11 no. of authorized CBWTFs/Treatment facilities in State of Haryana

**VII. Hazardous Waste Management:**

- **Total Hazardous Waste generation:** 220987.09 tons
- **No. of Industries generating Hazardous waste-** 4849
- **Treatment Capacity of all TSDFs**  
 Incinerator (Kcal) - 2.5 Million.  
 Landfill (MTA) - 32 years

- **Avg. Quantity of Hazardous waste reaching the TSDFs and Treated**

Hazardous waste reaching TFDFs		Hazardous waste treated	
Landfill	-14372 MT	Landfill	-14372 MT
Incineration	- 15150.8 MT	Quantity Incinerated	- 0

**Details of on-going or proposed TSDF-** Details given at **Annexure-6**

**VIII. Plastic Waste Management:**

- **Total Plastic Waste generation:**  
 As per the annual report, 2021 of PWM Approximate 179406.47 TPA.
- **Treatment/ Measures adopted for reduction or management of plastic waste:**  
 At present plastic waste is being channelized through MRF centres established in MCs.

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

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.

ULB Department has started bio/phyto remediation works in the drains in Municipal Corporation, Yamuna Nagar – Jagadhri, as a pilot project, which will be replicated at other places. Municipal Corporation of Sonapat has also invited tenders for the bio/phyto remediation of drains. Similarly, Municipal Corporations of Gurugram and Faridabad are in the process of preparing the proposals for bio/phyto remediation. Municipal Corporation of Panipat has already floated the tenders for the process in their jurisdiction. GMDA has also initiated a pilot project as an interim treatment for untreated discharge of Leg I via geo-synthetic dewatering tubes in consultation with CPCB. PHED has undertaken the *in-situ* phyto/bio remediation in its new STPs at Indri and Beri. Chief Secretary, during the review meeting held, has also directed that all concerned Departments shall expedite the work on Bio/Phyto-Remediation.

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

There are locations where the untreated/partially treated effluent is joining the main drains discharging into rivers. The action plans for control of pollution at these points is required to be submitted by Concerned Departments.

**River Ghaggar**

Deptt.	Total locations	Status of Action Plan			
		Submitted action plan	Not submitted Action plan	Not submitted Time Bound action plan	Action plan not required/completed
PHED	51	17	4	7	23
D&P	137	51	0	18	68
HSVP	12	0	4	1	7
ULBD	43	5	0	6	32
HSIIDC	2	0	0	0	2
HP State	1	0	1	0	0
HSPCB	5	0	0	0	5
Forest Deptt.	1	0	1	0	0
UT-CHD	2	0	2	0	0
	<b>254</b>	<b>73</b>	<b>12</b>	<b>32</b>	<b>137</b>

**River Yamuna**

Deptt.	Total locations	Status of Action Plan			
		Submitted action plan	Not submitted Action plan	Not submitted time bound	Action plan not required/ completed
PHED	14	0	0	0	14
D&P	23	2	0	0	21
HSVP	3	0	0	0	3
ULBD	62	46	0	0	16
HSPCB	17	0	7	0	10
HSIIDC	2	0	0	0	2
Industry Deptt.	1	0	1	0	0
Haryana Roadways	3	0	0	1	2
<b>Total</b>	<b>125</b>	<b>48</b>	<b>8</b>	<b>1</b>	<b>68</b>

**XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:**

Member Secretary, Haryana State Pollution Control Board.

**XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:**

Regular CS meetings are being held to review the progress of Yamuna and Ghaggar Action Plans. 14 Meetings held so far on 29.08.2019, 20.12.2019, 05.02.2020, 13.03.2020, 22.06.2020, 17.07.2020, 06.08.2020, 08.09.2020, 08.12.2020, 12.02.2021, 02.08.2021, 28.03.2022, 06.05.2022, 27.07.2022 and 20.10.2022.

**XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river.**

**Ghaggar**

**(a) Water quality and flow of major drains joining river Ghaggar**

Sr. No.	Name of drain	latitude/ Longitude	Flow (in MLD)	BOD (mg/l)	F. Coli
---------	---------------	---------------------	---------------	------------	---------

Sr. No.	Name of drain	latitude/ Longitude	Flow (in MLD)	BOD (mg/l)	F. Coli
1	Discharge of STP, Sec-28, Panchkula at Vill- Kakrali, Punjab. (PKL-RDQ-023)	30.642798/ 76.874462	8.5	66	4600
2	MDC drain before entering into Punjab area near Raipur Kalan Temple carrying effluent of colonies of Haryana, Chandigarh, U.T (PKL-RDQ-033)	30.680110/ 76.821592	32	18	12000
3	Singh Nallah choe before entering punjab near Mamta Enclave, Near Slaughter house Panchkula (PKL-RDQ-038)	30.664066/ 76.843880	53	21	4100
4	Ambala Drain near Motor Market, Ambala City (AMB-RDQ-008)	30.388012/ 76.790604	28.65	11	3100
5	Ghail drain at Samaspur, Ambala (AMB-RDQ-011)	30.333736/ 76.667902	15.51	9.0	4900
6	Markanda River Bhagal Bridge. (Longitude 76026.218' and Latitude 30005.025') (KTL-RDQ-002)	76026.218/ 30005.025	48.90	32	62000
7	Cheeka Drain/Old Ghaggar Creek (KTL-RDQ-008)	76.232452/ 30.064188	19.56	30	58000
8	Sagar Para Drain before mixing in Ghaggar river, Village Sagra. (Longitude 76011.249' and Latitude 29052.976') (KTL-RDQ-011)	76011.249 / 29052.976	17	32	52000
9	Kaithal drain before mixing River Ghaggar at Khanauri. (Longitude 76006.831' and Latitude 29050.731') KTL-RDQ-015	76006.831 / 29050.731	252	22	62000
10	Discharge of Ratia Town through drain (Longitude 29.711468 and Latitude 75.551894) HSR-RDQ-006	29.711468 / 75.551894	4.00	5	220
11	Discharge of Jakhal (29.786392, 75.826893) (HSR-RDQ-002)	29.787241/ 75.827388	3	7	620
12	Discharge of 7.5 MLD STP PHED Ellenabad, Sirsa into River Ghaggar (HSR-RDQ-018)	29.489644/ 74.741455	0.05	5	210

**(b) Water quality and flow of river Ghaggar**

Sr. No.	Drains meeting with river Ghaggar	Latitude/ Longitude	Flow (In MLD)	BOD (mg/l)	F. Coli
1	Ghaggar River at Haryana Himachal Border (Ghaggar River at Morni) (PKL-RDQ-014)	30.742182/ 76.742182	1475	2.2	100
2	Ghaggar before meeting Kaushlaya River (Burajkottian Zone, Panchkula) (PKL-RDQ-015)	30.639975/ 76.872849	1285	6.8	200

Sr. No.	Drains meeting with river Ghaggar	Latitude/ Longitude	Flow (In MLD)	BOD (mg/l)	F. Coli
3	Ghaggar River D/S after meeting Kaushalya River (NWMP-Station Code-1885) (PKL-RDQ-017)	30.740980/ 76.909826	1380	3.6	100
4	U/s of Ghaggar river before meeting discharge of STP Sec-28 at Kakrali, Punjab. (PKL-RDQ-022)	30.613894/ 76.836044	1406.5	2.4	500
5	D/S of Ghaggar river after meeting discharge of STP Sec-28 at Kakrali, Punjab. (PKL-RDQ-024)	30.642798/ 76.874462	1415	20	2700
6	Ghaggar River before meeting Ambala Drain (AMB-RDQ-007)	30.402314/ 76.743059	23.88	8	900
7	Ghaggar River after meeting Ambala Drain (AMB-RDQ-009)	30.398033/ 30.398033	63.63	9	1300
8	Ghaggar River before mixing Ghail drain at Samaspur (Ambala) (AMB-RDQ-010)	29.71135/ 75.552123	63.63	8.2	800
9	Ghaggar River after mixing Ghail Drain at Samaspur (Ambala) (AMB-RDQ-012)	30.332689/ 76.668607	81.58	8.0	2300
10	Ghaggar River before meeting river Markanda at Village Chiali. (Longitude 76025.974' and Latitude 30007.695') (KTL-RDQ-001)	76025.974/ 30007.695	15061	27	52000
11	Ghaggar River after mixing Markanda River at village Dhandota. (Longitude 76022.571' and Latitude 30005.410') (KTL-RDQ-003)	76022.571 / 30005.410	19951	35	52000
12	Ghaggar River before mixing of cheeka Drain (Longitude 76.232452' and Latitude 30.064188') (KTL-RDQ-007)	76.232452/ 30.064188	19951	32	45000
13	Ghaggar River after mixing of cheeka Drain (Longitude 76.232452' and Latitude 30.064188') (KTL-RDQ-008)	76.232452 / 30.064188	19970.56	30	58000
14	Ghaggar River before mixing Sagar Para Drain at Village Rasoli. (Longitude 76010.173' and Latitude 29054.305') (KTL-RDQ-010)	76010.173 / 29054.305'	0.00	30	48000
15	Ghaggar River after mixing of Sagar Para Drain at Village Rasoli. (Longitude 76010.135' and Latitude 29053.548') (KTL-RDQ-012)	76010.135 / 29053.548	25	30	48000
16	River Ghaggar before mixing Kaithal drain at Khanauri. (Longitude 75000.061' and Latitude 29050.754') (KTL-RDQ-013)	75000.061 / 29050.754	0.00	25	58000
17	River Ghaggar after mixing Kaithal	76006.663 /	1025.7	22	32000

Sr. No.	Drains meeting with river Ghaggar	Latitude/ Longitude	Flow (In MLD)	BOD (mg/l)	F. Coli
	Drain into River Ghaggar. (Longitude 76006.663' and Latitude 29050.723') (KTL-RDQ-018)	29050.723			
18	River Ghaggar before meeting discharge of Ratia. (HSR-RDQ-005)	29.693333/ 75.580474	7073	7	2100
19	River Ghaggar after meeting of discharge of Ratia. (HSR-RDQ-007)	29.716549/ 75.549705	7077	7	1500
20	River Ghaggar before meeting discharge of Jhakhal (29.786392, 75.826893) (HSR-RDQ-001)	29.786392/ 75.826893	7121	18	1500
21	River Ghaggar after meeting discharge of Jhakhal (29.786392, 75.826893) (HSR-RDQ-003)	29.786392/ 75.826893	7124	10	1200
22	River Ghaggar before discharge of 7.5 MLD STP PHED, Ellenabad Sirsa (HSR-RDQ-017)	29.457123/ 74.677554	0	6	1500
23	River Ghaggar after discharged of 7.5 MLD STP PHED, Ellenabad Sirsa (HSR-RDQ-019)	29.489821/ 74.746049	2	6	1200

### (C) Ground water quality status in the vicinity of river Ghaggar.

Ground water quality is being monitored at 78 locations in the catchment of river Ghaggar by HSPCB. Out of total 78 locations, ground water is found fit for drinking at 70 locations and non complying at 8 locations. Directions have already been conveyed to all the task forces to cap such water sources and a display board mentioning that "Water is not for drinking purpose" may be placed.

Sr. No.	Region	No. of points monitored	Complying	Non-complying
1	Panchkula	7	7	0
2	Ambala	7	7	0
3	Jind	2	0	2
4	Kaithal	15	14	1
5	Kurukshetra	1	1	0
6	Hisar	5	0	5
7	Sirsa	23	23	0
8	Fatehabad	18	18	0
<b>Total</b>		<b>78</b>	<b>70</b>	<b>8</b>

### River Yamuna

#### (a) Water Quality and flow of drains joining river Yamuna

Sr. No.	Name of drain	Latitude/ Longitude	Flow (in MLD)	BOD (mg/l)	F. Coli
1.	Dhanaura Escape before meeting River Yamuna, Village Jarauli, Karnal (KRN-RDQ-002)	29.73336/ 77.12788	106	6.5	5600
2.	Drain No.2 before meeting river Yamuna at vill. Khojkipur (PNP-RDQ-	29.280218/ 77.120858	163.22	8	4800

Sr. No.	Name of drain	latitude/ Longitude	Flow (in MLD)	BOD (mg/l)	F. Coli
	008)				
3.	Drain no. 6 before entry in Delhi (SNP-RDQ-001)	28.890391/ 77.109702	12	88	2200
4.	Entry point of Mungeshpur drain in Delhi Territory, back side of Sainik School, Bypass, Bahadurgarh, Distt. Jhajjar (BDH-RDQ-001)	28.669716/ 76.949466	1225	25	48000
5.	Entry point of KCB drain in Delhi Territory, Near MCD Toll Tax point, VPO-Lowa Siddhipur, Distt. Jhajjar (BDH-RDQ-002)	28.650667/ 76.937005	1592	20	58000
6.	Entry point of Drain No. 8 in Delhi Territory, Near Dhansa Store of Executive Engineer, Irrigation & Flood Control Deptt. of Delhi Govt., VPO-Lohat, Distt. Jhajjar (BDH-RDQ-003)	28.535362/ 76.869600	Nil	22	42000
7.	Leg I Drain, before meeting Najafgarh Drain Gurgaon (GRN-RDQ-002)	28.531019/ 77.001858	6.05	45	2700
8.	Leg II Drain, before meeting Najafgarh Drain Gurgaon (GRN-RDQ-005)	28.508322/ 76.975010	44.14	72	
9.	Leg III (Badshpur) Drain before meeting Najafgarh Drain Gurgaon (GRN-RDQ-008)	28.484470/ 76.953334	219.92	74	
10.	Budhiya Nala before meeting river Yamuna, at Vill. Manjhawali, Faridabad (FBD-RDQ-010)	28.382511/ 77.481014	2094.4	90	7700
11.	Gaunchi Drain before River Yamuna, Palwal (PWL-RDQ-005)	27.914783/ 77.517323	2289	46	6700

**(b) Water Quality and flow of river Yamuna**

Sr. No.	Drains meeting with river Yamuna	latitude/ Longitude	Flow (in Cusecs)	BOD (mg/l)	F.Coli
1	River Yamuna before meeting Maskara Nallah, upstream, Kalanaur (YMN-RDQ-001)	29.726992/ 77.13079	352	4.2	100
2	River Yamuna after meeting Maskara Nallah, Down Stream, Kalanaur (YMN-RDQ-003)	30.068276/ 77.348271	384	5.4	Absent
3	River Yamuna before meeting Dhanaura Escape upstream, Karnal (KRN-RDQ-001)	29.73327/ 77.1277	10136	5.6	3600
4	River Yamuna after meeting Dhanaura Escape downstream, Karnal (KRN-RDQ-003)	29.72592 / 77.13278	10214	6.0	2800
5	River Yamuna before meeting the discharge of Drain No. 2 at Vill. Sanjoli (PNP-RDQ-007)		657.25	2.2	1600

Sr. No.	Drains meeting with river Yamuna	latitude/ Longitude	Flow (in Cusecs)	BOD (mg/l)	F.Coli
6	River Yamuna after meeting the discharge of Drain No. 2 near Vill. Khojkipur. (PNP-RDQ-009)	28.86158/ 77.206427	667.1	3.6	Absent
7	River Yamuna before meeting Diversion Drain no. 8 (SNP-RDQ-002)	28.884931/ 77.147185	7350	6.2	900
8	River Yamuna after meeting Diversion Drain No. 8 at Palla (SNP-RDQ-004)	28.379079/ 77.486982	7410	3.5	absent
9	Yamuna River upstream before Budhiya Nalah at Vill. Manjhawali, Faridabad (FBD-RDQ-009)	28.384703/ 77.489578	8505	33	6500
10	Yamuna River downstream after meeting Budhiya Nalah at Vill. Manjhawali, Faridabad (FBD-RDQ-011)	28.372917/ 77.487966	8560	38	8000
11	River Yamuna D/S before Gaunchi Drain (PWL-RDQ-004)	27.914783/ 77.517323	8510	52	5600
12	River Yamuna D/S after Gaunchi Drain (PWL-RDQ-006)	27.909736/ 77.521114	9355	36	7000

**(C) Ground water quality status in the vicinity of river Yamuna.**

Ground water quality is being monitored at 76 locations in the catchment of river Yamuna by HSPCB. Out of total 76 locations, ground water is found fit for drinking at 50 locations and non complying at 26 locations. Directions have already been conveyed to all the task forces to cap such water sources and a display board mentioning "Water is not for drinking purpose" may be placed. The same has been compiled by the task forces.

Sr. No.	Region	No. of Points monitored	Complying	Non-Complying
1	Panipat	9	6	3
2	Faridabad	8	8	0
3	Ballabgarh	6	1	5
4	Palwal	8	2	6
5	Gurgaon South	10	10	0
6	Gurgaon North	8	8	0
7	Karnal	5	5	0
8	Yamuna Nagar	3	3	0
9	Nuh	1	0	1
10	Sonepat	11	6	5
11	Bahadurgarh	7	1	6
	<b>Total</b>	<b>76</b>	<b>50</b>	<b>26</b>

**XIV. Ground water regulation:**

The industries are being persuaded to obtain permission from

CGWA/HWRA for extraction of ground water.

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

The major demand for river water is for Irrigation purposes and accordingly the State of Haryana has taken initiatives for water efficient farming practices which are given as under:-

**(a) Project of Recycle and Reuse of Treated Wastewater for Irrigation Purpose**

**Phase-1**

1. Project for reuse of Treated Waste Water from 35 No. STPs having cumulative capacity of 338.85 MLD in 21 districts has been sanctioned by Ministry of Agriculture & Farmers Welfare (MoA&FW), Govt. Of India under NABARD assisted MIF for INR 490.53 crore. This project will cover CCA of about 23,359 hectare through micro-irrigation and the entire project is to be executed upto 2023-24.
2. Out of 35 No. STPs, 27 No. STPs with cumulative capacity of 339.5 MLD have been found feasible from where TWW can be re-used for irrigation purpose.
3. Administrative Approval of these 27 No. STPs has been obtained from Govt.
4. Tender of 20 No. STPs stands approved till date.
5. Work on 16 No. STPs started at site.
6. Detail of these STPs showing physical progress, date of start & date of completion is enclosed herewith (Annexure-V).

**Latest status of 27 No. STPs taken up in phase-1 of "Project of re-use of Treated West Water for irrigation purpose through Micro-Irrigation"**

Sr. No	Name of District	Name of STP	Capacity of STP(In MLD)	Status of Tender	Actual/Likely date of start work	Actual/Likely date of Completion	Status Yet to Start of Work
1	Bhiwani	Loharu	3.50	Approved	15.06.22	30.10.23	10%work completed
2	Bhiwani	Siwani	4.00	Approved	10.05.22	30.10.23	35%work completed
3	Gurugram	Behrampur	50.00	Approved	25.10.22	31.03.24	Yet to Start
4	Jhajjar	Kosli Road	5.50	Approved	15.04.22	30.04.23	50%work completed
5	Jhajjar	Sampla Road	5.00	Approved	15.04.22	30.04.23	35%work completed
6	Mohindergarh	Narnaul	7.50	Approved	23.05.22	30.06.23	20%work completed
7	Mohindergarh	Narnaul	6.00	Approved	23.05.22	30.06.23	20%work completed
8	Mohindergarh	Narnaul	5.50	Approved	23.05.22	30.06.23	20%work completed
9	Rohtak	Kanheli	10.00	Approved	10.06.22	31.12.23	10%work completed
10	Karnal	Karnal	50.00	Approved	10.06.22	31.03.24	15%work completed
11	Karnal	Haikat Nagar	10.00	Approved	19.06.22	31.03.24	5%work completed
12	Karnal	Shiv Colony	8.00	Approved	19.06.22	31.03.24	5%work completed
13	Ambala	Barara	4.00	Approved	15.11.22	31.12.23	Yet to Start
14	Amblala	Naraingarh	3.00	Approved	15.11.22	31.12.23	Yet to Start
15	Hisar	Narnaund	4.00	Approved	15.11.22	31.12.23	Yet to Start
16	Fatehabad	Fatehabad	10.00	Approved	28.05.22	30.04.23	5%work completed
17	Fatehabad	Tohana	10.00	Approved	10.04.22	30.10.23	35%work completed
18	Fatehabad	Jakhal	3.00	Approved	16.05.22	30.10.23	5%work completed
19	Fatehabad	Ratia	6.50	Approved	10.04.22	30.10.23	40%work completed
20	Yamuna Nagar	Radaur	3.50	Approved	15.04.22	30.04.23	40%work completed
21	Panipat	Jattal Road, Panipat	30.00	Not Approved	01.03.23	31.10.25	Yet to Start
22	Jind	Jind	28.00	Not Approved	01.03.23	31.10.25	Yet to Start



Sr. No	Name of District	Name of STP	Capacity of STP(In MLD)	Status of Tender	Actual/Likely date of start work	Actual/Likely date of Completion	Status Yet to Start of Work
23	Hisar	Hansi	7.50	Not Approved	01.02.23	30.06.24	Yet to Start
24	Hisar	Rishi Nagar	40.00	Not Approved	01.02.23	31.10.25	Yet to Start
25	Kaithal	Gulha	10.00	Not Approved	10.04.23	31.12.24	Yet to Start
26	Kaithal	Kaithal	10.00	Not Approved	10.04.23	31.12.24	Yet to Start
27	Panchkula	Pinjore	5.00	Not Approved	10.04.23	30.06.24	Yet to Start
	<b>TOTAL</b>		<b>339.50</b>				

## **Phase-2**

1. List of 57 No. STPs has been received from PHED for consideration in Phase-2 for the Project of re-use of Treated Waste Water for irrigation purpose through Micro-Irrigation (Annexure-VI).
2. The same list has already been endorsed to field functionaries to check the feasibility of these STPs for reuse of TWW for irrigation purpose.
3. Once the feasibility of these STPs for re-use of TWW for irrigation purpose is received from field functionaries, a detailed project will be submitted to NABARD for approval.

### **Latest status of 57 No. STPs taken up in phase-2 of "Project of re-use of Treated West Water for irrigation purpose through Micro-Irrigation"**

Sr. No.	Name of Town	Location	Technology Based on	Capacity(MLD)
<b>GHAGGAR ACTION PLAN</b>				
1	Ambala City	Nayagaon-I	MBBR	3.25
2	Ambala City	Nayagaon-II	MBBR	3
3	Ambala City	Motti Nagar-I	MBBR	5
4	Ambala City	Motti Nagar-II	MBBR	5
5	Ambala City	Model Town	MBBR	6
6	Ambala City	Baldev Nagar-I	MBBR	5
7	Ambala City	Baldev Nagar-II	MBBR	3.25
8	Ambala City	Saddopur	MBBR+TT	0.25
9	Kalka	Bangala Town	MBBR+TT	0.25
10	Hisar	Gangwa Rajgarh Road Hisar	SBR	15
11	Hisar	Kaimri Road Hisar	SBR	4
12	Jind	Narwana Road Jind	MBBR	5
13	Jind	Old Hansi Road	SBR	7
14	Narwana	Jind Patiala Road	MBBR	3.5
15	Narwana	Behind FCI Godown, Dharodi Road	MBBR	3.75
16	Narwana	Narwana	MBBR	2
17	Uchana	Near Railway Line Uchana Road	Oxidation Pond	2
18	Uchana	Bhangra Road Uchana	MBBR	1.5
19	Safidon	Safidon	SBR	9
20	Khaithal	Manas Road Kaithal	SBR	10
21	Khaithal	Manas Road Kaithal	MBBR+TT	10
22	Kalayath	Near Nirmal Public School	MBBR+TT	5
23	Kurukshetra/T hanesar	Narkatari Road	SBR	25
24	Pundri	Pai Road Pundari	MBBR+TT	3.5
25	Shahbad	Chappra Road, Shahbad	SBR	11.5
26	Ellenabad	Mamera Road	MBBR+TT	7.5
27	Fatehabad	Fatehabad	SBR	5
28	Rania	Jeevan Nagar Road, Rania	SBR	6
29	Sirsa	Kelnia	SBR	20
30	Kalanwali	Desumalkana Road	SBR	9.5
31	Mandi Dabwali	Chautala Road	SBR	16.5
32	Bhuna	Kullana Road	SBR	8
33	Yamuna Nagar	Badhimajra	SBR	10

Sr. No.	Name of Town	Location	Technology Based on	Capacity(ML D)
34	Yamuna Nagar	Radaur Road	SBR	25
35	Yamuna Nagar	Badhimajra	SBR	10
36	Yamuna Nagar	Radaur Road	SBR	20
37	Jagadhari	Parwaloo	SBR	24
38	Chhacharauli (De-Notified Town)	Chhacharauli	MBBR+TT	3
39	Ladwa	Braichpur Road, Ladwa	MBBR+TT	7
40	Bahadurgarh	Najafgarh Road Near Bye Pass	SBR	36
41	Beri	Dubaldhan Road	Oxidation Pond	2
42	Gharaunda	Near BRM College	SBR	7
43	Indri	Near Grain Market	SBR	4
44	Nilokheri	Near Railway Station	MBBR+TT	6
45	Nissing	Kaithal Road	MBBR+TT	4
46	Panipat	Jattal Road	UASBWith Extended aeration	10
47	Panipat	Siwah	UASBWith Extended aeration	35
48	Panipat	Siwah	SBR	25
49	Taraori	Nadn Road	MBBR+TT	5.5
50	Hodal	Hodal	MBBR+TT	9
51	Palwal	Jodhpur Road Palwal	Oxidation Pond	9
52	Kalanaur	Jindran Road Kalanaur	MBBR	3.5
53	Meham	Bharan Road Meham	MBBR	5
54	Rohtak	Singhpura Road	MBBR	10
55	Rohtak	Singhpura Road	SBR	14
56	Rohtak	PGIMS Rohtal	SBR	19
57	Sampla	Sampla Kharkhoda By Pass Road	MBBR	4

**(b) Installation of community based solar/grid powered mirco-irrigation infrastructure in existing canal commands**

Six communities based solar/grid powered mirco-irrigation facilities have been installed for Irrigation of 768 hectare land.

In order to implement project of Micro Irrigation (MI) speedily, Government has decided to adopt bottom up approach i.e. 100% consent of stakeholders (farmers) for adoption of MI system shall be taken before execution of the project. The farmers or group of farmers who come forward with the chak of minimum 25 acres to adopt micro irrigation in their fields and also give consent to provide land free of cost for construction of tank for storage of water as per requirement of the chak for micro irrigation activity, Government shall provide all infrastructures like: laying of pipelines, construction of storage tanks, solar pumps etc free of cost & 95% subsidy shall be provided to on-farm drip and sprinkler micro irrigation components. The web portal for online application of farmers has also been launched.

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

All the construction activities are banned on river Yamuna/Ghaggar Flood Plains and no encroachment on river Yamuna is allowed as per section 45 of Haryana Canal and Drainage Act, 1974. However, if any encroachment exists on river Yamuna/Ghaggar is immediately removed in accordance of

this Act.

**XVII. Maintaining minimum e-flow of river:  
River Ghaggar**

It is brought out that Ghaggar River is not a perennial river and discharge varies from zero to maximum during flood seasons. Around 15-20% of the lowest possible discharge in the lean season is required for maintaining E- flow. In our case the discharge varies from zero to maximum so maintaining E-flow is not possible. However, the monthly flow of all the major drains joining river Ghaggar is being measured regularly on monthly basis.

**River Yamuna**

It has been reported by the Irrigation and Water Resources Department, Haryana that as per MoU dated 12.05.1994 signed among the States of UP, Haryana, Rajasthan, Himachal Pradesh & NCT of Delhi, a minimum discharge of 352 cusec water is released in Yamuna river from Hathnikund barrage at lean period also to maintain the E-flow of river which was in accordance with the guidelines of Ministry of Water Resources, River Development & Ganga Rejuvenation, Govt. of India in compliance of the order of Hon'ble NGT dated 11.06.2015. However, in case excess discharge is received at HKB (in monsoon seasons) in comparison to capacity of channel, then this excess discharge is released into river Yamuna through Somb Nadi and the indented supply is released in the channel.

**XVIII. Plantation activities along the rivers:  
River Ghaggar**

**Urban Estate Wise Plantation Done in HSVP Area**

Sr. No.	Name of U/E	Plantation done in the Year 2018-19	Plantation Done in Year 2019-20	Plantation Done in Year 2020-21
1	Panchkula	5000	7820	3993
2	Ambala	1500	3626	3344
3	Pehowa	0	0	0
4	Naraingarh	0	0	0
5	Kurukshetra	2000	3472	1870
6	MTS Gulha	0	0	0
7	MTS Pundri	0	0	0
8	Kaithal	1000	3160	1880
		<b>9500</b>	<b>18078</b>	<b>11087</b>

**Plantation done in catchment of River Ghaggar by Forest Department in 2021-22**

Forest Department has selected around 79 villages in the catchment areas of river Ghaggar and has proposed to plant around 6 lakh plants in the coming season. The sites for development of Parks have also been identified and a plan has also been prepared. The details are as under:-

Sr. No.	Name of District	No. of village	No. of plants to be planted	No. of plants planted till date
---------	------------------	----------------	-----------------------------	---------------------------------

Sr. No.	Name of District	No. of village	No. of plants to be planted	No. of plants planted till date
1	Panchkula	11	331596	330466
2	Ambala	11	138146	138146
3	Kaithal	6	13200	3050
4	Fatehabad	34	58295	58295
5	Sirsa	17	199450	70860
<b>Total</b>		<b>79</b>	<b>740687</b>	<b>600817</b>

### River Yamuna

#### Urban Estate Wise Plantation Done in HSVP Area

Sr. No.	Name of U/E	Plantation Done in Year 2018-19	Plantation Done in Year 2019- 20	Plantation Done in Year 2020- 21
1	Jagadhri / Yamunagar	500	1178	1347
2	Shahabad	0	0	0
3	Karnal	5000	2810	4900
4	Faridabad	14300	22490	14900
5	Palwal	100	300	360
6	Rojka Meo	500	100	64
		<b>20400</b>	<b>26878</b>	<b>21571</b>

#### Plantation done in catchment of river Yamuna by Forest Department in 2021-22.

Forest Department has selected around 188 villages in the catchment areas of river Yamuna and has proposed to plant around 1.4 Cr. plants in the coming season. The sites for development of Parks have also been identified and a plan has also been prepared. The details are as under:-

Sr. No.	Name of District	No. of village	No. of plants to be planted	No. of plants planted till date
1	Yamuna Nagar	124	1245145	1245145
2	Karnal	19	8500	8500
3	Panipat	16	67948	67948
4	Sonepat	19	26500	22839
5	Faridabad	4	36500	46000
6	Palwal	6	12058	12058
<b>Total</b>		<b>188</b>	<b>1396651</b>	<b>14025490</b>

#### XIX. Development of biodiversity park:

##### River Ghaggar

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
<b>Total</b>		<b>12611</b>

### River Yamuna

District	Names	Area in Acre
Yamuna Nagar	i) Rudraksh Vatika at village Chuaharpur	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
<b>Total</b>		<b>253</b>

#### **XX. Reuse of Treated Water:**

The State is in the process to set up system to reuse the treated sewage. Details are given in point **XV (a)**.

#### **XXI. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:**

Both Ghaggar and Yamuna river stretches.

#### **XXII. Status of Preparation of Action Plan by the 13 Coastal States:**

NA

#### **XXIII. Regulation of Mining Activities in the State/UT:**

Action taken report in compliance with the Environment & Monitoring Guidelines for Sand Mining Policy, 2020.

District	Period	Vehicle seized in illegal mining/illegal transportation of mineral	Vehicle released	Penalty imposed	Complaint lodged against illegal minors	FIR lodged against illegal minors
Panchkula, Ambala, Yamuna Nagar, Kurukshetra/Kaithal, Panipat/Karnal, Sonapat, Faridabad/Palwal	Oct, 2022	82	47	7441305	21	09

Name of District	Period	Details of regulation of mining activities	Violation identified	Action taken	Remarks
PKL	Oct, 2022	1. Boundary Pillars are installed surrounded the contract area. 2. Weight Bridges installed at every lease. 3. CCTV installed at entry and exit point. 4. Dispatch of mineral with e-rawana. 5. Regular checking of by contract area of field staff.	Nil	Nil	Mining activities running.
Ambala	Oct, 2022	1. Regulation checking for day and night as well as surprised checking. 2. Mineral transportation with e-rawana 3. MDL is mandatory for sale	Yes	Fine imposed or FIR lodged against persons involved in illegal mining/transport	Illegal mining operation is closed since 01.07.2020 but some periodic cases of illegal mining by local villagers were also noticed/found

Name of District	Period	Details of regulation of mining activities	Violation identified	Action taken	Remarks
		and purchase of mineral by screening plant.		ation of illegal mineral.	and action has been taken against them, by this office.
Yamuna Nagar	Oct, 2022	It is informed that the mining operations are suspended by the mining blocks (river bed) from 15.07.2022 due to rainy season in the District Yamuna Nagar.	Nil	Nil	Nil
KKR/KTL	Oct, 2022	Nil	Nil	Nil	Nil
PNP/KNL	Oct, 2022	1. 50% Boundary pillars are installed surroundings the contract area. 2. Weight bridges are installed at every point. 3. CCTV installed at entry and exit point. 4. Dispatch of mineral with e-rawaana. 5. Regular checking done by Field Staff.	Nil	Nil	Mining activities in village Faridpur by unit no. 4, Karnal.
SNP	Oct, 2022	1. Boundary Pillars are installed surrounded the contract area. 2. Weight Bridges installed at every lease. 3. CCTV installed at entry and exit point. 4. Dispatch of mineral with e-rawana. 5. Regular checking of by contract area of field staff.	No	No	Nil
Faridabad/ Palwal	Oct, 2022	Nil	01	Issue demand notice to penalty of excess mineral of 127 MT Stone and dust in R S of M S Blue Stone Crushing Co Plot No. 56C Pali District Faridabad	Recover of penalty Rs. 63340/- with GRN No. 95575060 dt. 20.10.2022

#### XXIV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.

##### Action by HSPCB

##### ✓ Ghaggar

- No. of industries inspected - 242
- No. of closure order issued against violating units - 215
- No. of violating units prosecuted - 64
- No. of violating units against whom EC imposed - 42
- Amount of EC Imposed - 7.8 Crore

##### ▪ Yamuna

- No. of industries inspected - 1402
- No. of closure order issued against violating units - 1103
- No. of violating units prosecuted - 358
- No. of violating units against whom EC imposed - 233
- Amount of EC Imposed - 86.8 Crore

## Annexure-1

## Status of existing STPs in the catchment of river Ghaggar

Sr. No.	Name and Region of STPs	Deptt.	Existing STP and Capacity (MLD)	Date of sampling	Latest Compliance Status
<b>Ambala</b>					
1	3.00 MLD STP Naya Gaon , Unit.I , Ambala City by PHED in January, 2011	PHED	3	14.10.2022	Non-Complying
2	3.25 MLD STP Naya Gaon , Unit.II Ambala City by PHED in 1.4.2016	PHED	3.25	14.10.2022	Non-Complying
3	5 MLD Baldev Nagar , Unit.I , Ambala City by PHED 1.12.2012	PHED	5	14.10.2022	Non-Complying
4	3.25 Baldev Nagar , Unit.II ,Ambala City by PHED in 1.4.2016	PHED	3.25	14.10.2022	Non-Complying
5	5 MLD Moti Nagar, Unit.I , Ambala City by PHED in June 2010	PHED	5	14.10.2022	Non-Complying
6	5 MLD STP Moti Nagar , Unit.II , Ambala City by PHED Ambala in 1.8.2016	PHED	5	14.10.2022	Non-Complying
7	6 MLD STP Modal Town, Ambala City by PHED in 1.7.2012	PHED	6	14.10.2022	Non-Complying
8	3.25 Nasirpur Ambala City by PHED in 31.9.2016	PHED	3.25	14.10.2022	Complying
9	0.25 MLD Sadopur , Ambala PHED in 31.12.2016	PHED	0.25	14.10.2022	Complying
10	3.00 MLD Devi Nagar , Ambala City by PHED on 31.5.2013	PHED	3	14.10.2022	Complying
11	3 MLD STP Nariangarh , Ambala by PHED in 1.7.2014	PHED	3	08.10.2022	Non-Complying
12	2 MLD STP Sec.7 , Urban Estate , Ambala City Ambala by HUDA in 10.9.2015	HSVP	2	14.10.2022	Complying
13	5 MLD STP Ambala by HSVP	HSVP	5		Complying
<b>Kurukshetra</b>					
14	25 MLD STP Thanesar, Kurukshetra by PHED in 31.05.2019	PHED	25	04.10.2022	Complying
15	8 MLD STP Model Town, Pehowa Kurukshetra by PHED in May dt. 2015	PHED	8	04.10.2022	Complying except Faecal Coliform
16	11.5 MLD STP Ladwa Road , Shahbad Kurukshetra by PHED in May, 2016	PHED	11.5	04.10.2022	Complying
17	15 MLD STP Kurukshetra by HSVP	HSVP	15	04.10.2022	Complying
<b>Panchkula</b>					

Sr. No.	Name and Region of STPs	Deptt.	Existing STP and Capacity (MLD)	Date of sampling	Latest Compliance Status
18	4.5 MLD Kalka Panchkula by PHED in 30.3.2015	PHED	4.5	10.10.2022	Complying except Faecal Coliform
19	0.25 MLD Kalka Panchkula by PHED in 28.5. 2017	PHED	0.25	10.10.2022	Complying except Faecal Coliform
20	5 MLD STP Nalagarh Road, Manakpur, Pinjore Panchkula by PHED 31.1.2015	PHED	5	10.10.2022	Complying
21	18 MLD STP Panchkula by HUDA in 31.12.2002	HSVP	18	11.10.2022	Non-Complying
22	39 MLD STP Panchkula by HUDA in Nov. 2011	HSVP	39	11.10.2022	Complying
23	15 MLD STP Sector- 28, Panchkula by HUDA in 2012	HSVP	15	13.10.2022	Complying
24	9 MLD STP Garrison Engineer , Chandimandir Panchkula in April 2012	GE	9	27.10.2022	Complying
<b>Jind</b>					
25	15 MLD STP by PHED Jind in Jan, 2009	PHED	15	28.10.2022	Complying except Faecal Coliform
26	3.5 MLD Patiala Road , Narwana by PHED in Jan , 2011	PHED	3.5	26.10.2022	Complying except Faecal Coliform
27	3.75 MLD STP Narwana Jind by PHED in Jan , 2011	PHED	3.75	26.10.2022	Non-Complying
28	02 MLD STP, PHED , Dablain Road, Narwana, Jind (24.5.2017)	PHED	2	26.10.2022	Non-Complying
29	2 MLD STP Uchana Jind by PHED in 22.2.2012	PHED	2	26.10.2022	Non-Complying
30	1.5 MLD Uchana by PHED in 31.5.2013	PHED	1.5	26.10.2022	Non-Complying
31	5 MLD STP Jind by PHED in 1.4.2016	PHED	5	26.10.2022	Non-Complying
32	7 MLD STP, Jind by PHED in 30.11.2019	PHED	7	28.10.2022	Non-Complying
33	9 MLD STP Safidon , Jind by PHED in 31.05.2018	PHED	9	28.10.2022	Complying
34	10 MLD by HUDA Jind in 27.12.2014	HSVP	10	28.10.2022	Complying
<b>Kaithal</b>					
35	10 MLD STP Cheeka, Kaithal by PHED in 1.4.2013	PHED	10	27.10.2022	Complying
36	10 MLD STP , Jind Road Kaithal by PHED in September , 2012	PHED	10	13.10.2022	Complying
37	10 MLD STP Manas Road, Kaithal by PHED in June , 2006 (MBBR)	PHED	10	13.10.2022	Complying
38	10 MLD Manas Road,Kaithal bby PHED in Sep , 2012 (SBR)	PHED	10	13.10.2022	Complying
39	5 MLD STP Kalayat , Kaithal by PHED in 1.4.2014	PHED	5	26.10.2022	Complying
40	3.5 Pundri Kaithal by PHED in 4.7.2014	PHED	3.5	26.10.2022	Complying
41	7.5 MLD Kaithal by HUDA in 31.8.2016	HSVP	7.5	13.10.2022	Complying



Sr. No.	Name and Region of STPs	Deptt.	Existing STP and Capacity (MLD)	Date of sampling	Latest Compliance Status
<b>Hisar</b>					
42	15 MLD STP Azad Nagar, Rajgarh Road Hisar by PHED in 31.12.2014	PHED	15	05.10.2022	Complying
43	40 MLD STP Rishi Nagar , Hisar by PHED in 02.12.2017	PHED	40	05.10.2022	Complying
44	4 MLD STP Narnaund, Hisar by PHED	PHED	4	05.10.2022	Non-Complying
45	4 MLD STP Kaimri Road, Hisar by PHED in 2018	PHED	4	05.10.2022	Non-Complying
46	15 MLD STP Dabara Tosham Road , Hisar by HUDA in 31.7.2014	HSVP	15	05.10.2022	Non-Complying
47	8 MLD STP Village Dabra by ULBD	ULBD	8	05.10.2022	Complying
<b>Sirsa</b>					
48	15 MLD STP, Shamsabad patti , Kalania Road, Sirsa by PHED in 1.7.2012	PHED	15	10.10.2022	Complying
49	5 MLD STP, Vill. Nattar 1 , Sirsa by PHED in 1.5.2013	PHED	5	10.10.2022	Non-Complying
50	5 MLD STP, Vill. Nattar 2 , Sirsa by PHED in 14.09.17	PHED	5	10.10.2022	Non-Complying
51	7.5 MLD STP Ellenabad Sirsa by PHED in 11.5.2015	PHED	7.5	10.10.2022	Complying
52	9.5 MLD STP, Daddu Road,Kalanwali, Sirsa by PHED in 17.02.2018	PHED	9.5	10.10.2022	Complying
53	6 MLD STP Rania Sirsa by PHED in 30.6.2017	PHED	6	10.10.2022	Complying
54	16.5 MLD STP Dabwali, Sirsa by PHED in 04.12.2017	PHED	16.5	10.10.2022	Complying
55	20 MLD STP at Kelnia Sirsa by PHED	PHED	20	10.10.2022	Complying
<b>Fatehabad</b>					
56	10 MLD STP Vill. Bhodia Khera, Bhattu Road, Fatehabad by PHED in 1.4.2013	PHED	10	08.10.2022	Complying
57	10 MLD STP Vill.Amani, Tohana, Distt. Fatehabad by PHED in 1.4.2013	PHED	10	10.10.2022	Non-Complying
58	6.5 MLD STP Ratia , Fatehabad by PHED in 1.9.2014	PHED	6.5	08.10.2022	Complying
59	5 MLD STP Kharati Khera Road, Fatehabad by PHED in 31.10.2018	PHED	5	08.10.2022	Complying
60	3 MLD STP Jhakhali Mandi, Fatehabad by PHED in 30.9.2019	PHED	3	08.10.2022	Complying
61	8 MLD STP at Bhuna, Fatehabad	PHED	8		Complying
62	10 MLD STP Majra, Fatehabad by HUDA in 16.12.17	HSVP	10	08.10.2022	Complying
<b>Total No. of STPs- 62</b>			<b>535</b>		

## Status of existing STPs in the catchment of river Yamuna

Sr. No.	Name of the STP	Deptt.	Capacity	Date of Sampling	Latest compliance status
<b>Yamuna Nagar</b>					
1	Radaur Road, Yamuna Nagar by PHED	PHED	20	26.10.2022	Complying
2	Radaur Road, Yamuna Nagar by PHED	PHED	25	26.10.2022	Complying
3	Baddimajra, Yamuna Nagar by PHED*	PHED	10	26.10.2022	Complying
4	Baddimajra, Yamuna Nagar by PHED*	PHED	10		Complying
5	Parwaloo, Jagadhri Yamuna Nagar by PHED	PHED	24	26.10.2022	Complying
6	Chhachhrauli Yamuna Nagar by PHED	PHED	3	26.10.2022	Complying
7	Radaur Yamuna Nagar by PHED	PHED	3.5	26.10.2022	Complying except Faecal Coliform
<b>Ladwa, Kurukshetra</b>					
8	Indri Road, Ladwa Kurukshetra by PHED	PHED	7	05.10.2022	Complying
<b>Karnal</b>					
9	Indri, Karnal by PHED*	PHED	4	19.10.2022	Complying
10	Nilokheri, Karnal by PHED	PHED	6	07.10.2022	Complying
11	Nissing Karnal by PHED	PHED	4	19.10.2022	Complying
12	Tarori Karnal by PHED	PHED	5.5	07.10.2022	Complying
13	Gharaunda, Karnal by PHED	PHED	7	12.10.2022	Complying
14	Gogharipur Road, karnal by ULB	ULBD	10	11.10.2022	Complying
15	RK Puram, Karnal by ULB	ULBD	8	11.10.2022	Complying
16	Transport Nagar, Karnal by ULB*	ULBD	50	11.10.2022	Complying
<b>Panipat</b>					
17	Sewah, Panipat by PHED	PHED	35	27.10.2022	Complying
18	Sewah, Panipat Panipat by PHED	PHED	25	27.10.2022	Complying
19	Jattal Road, Panipat by PHED	PHED	20	27.10.2022	Complying
20	Jattal Road, Panipat by PHED	PHED	10	27.10.2022	Complying
21	Samalkha, Panipat by PHED	PHED	5	27.10.2022	Non Complying
22	Sec-19, Panipat by HSVP	HSVP	30	27.10.2022	Complying

Sr. No.	Name of the STP	Deptt.	Capacity	Date of Sampling	Latest compliance status
23	Sec-6, Panipat by HSVP	HSVP	0.8	27.10.2022	Complying
<b>Sonepat</b>					
24	Kharkhoda Sonepat by PHED	PHED	4.5	31.10.2022	Non Complying
25	Ganaur Sonepat	PHED	7	01.11.2022	Non Complying
26	Gohana Sonepat by PHED	PHED	3	28.07.2022	Non Complying
27	Gohana Sonepat by PHED	PHED	8.3	28.07.2022	Non Complying
28	Rathdana Road, Sonepat by ULB	ULBD	30	01.11.2022	Complying
29	Kakroi Road, Sonepat by ULB	ULBD	25	01.11.2022	Complying
30	Rajiv Gandhi Edu. City, Phase-I, Sonepat by HSVP	HSVP	7.5	31.10.2022	Complying
<b>Rohtak</b>					
31	PGI Rohtak by PHED	PHED	19.5	28.10.2022	Complying
32	Sonaria, Rohtak by PHED	PHED	40	28.10.2022	Non-complying
33	Kalanaur Rohtak by PHED	PHED	3.5	28.10.2022	Non-complying
34	Meham Rohtak by PHED	PHED	5	28.10.2022	Non-complying
35	Singhpura, Rohtak by PHED	PHED	14	28.10.2022	Complying
36	Sampla Rohtak by PHED	PHED	4	28.10.2022	Non-complying
37	Sec-25, Rohtak by HSVP	HSVP	10	30.10.2021	Non-complying (Under Upgradation)
38	Singhpura, Rohtak by ULB*		10		Non Complying (Under Maintenance)
<b>Jhajjar</b>					
39	Jhajjar by PHED	PHED	5	31.10.2022	Non-complying
40	Jhajjar by PHED	PHED	5.5	31.10.2022	Non-complying
41	Beri Jhajjar by PHED	PHED	3	31.10.2022	Complying
42	Line Par, Bahadurgarh by PHED	PHED	18	31.10.2022	Non-complying
43	Najafgarh road Bahadurgarh by PHED	PHED	36	31.10.2022	Complying
44	Sec-36, Bahadurgarh by HSVP	HSVP	10	31.10.2022	Complying
<b>Nuh</b>					
45	Tarou by PHED	PHED	4.5	28.10.2022	Non Complying

Sr. No.	Name of the STP	Deptt.	Capacity	Date of Sampling	Latest compliance status
46	Punhana by PHED	PHED	4.5	28.10.2022	Non Complying
47	Nuh by PHED	PHED	3.6	28.10.2022	Non Complying
48	Ferozpur Jhirka by PHED	PHED	5	28.10.2022	Non Complying
<b>Palwal</b>					
49	Hathin by PHED	PHED	4.5	29.10.2022	Non Complying
50	Hodal by PHED	PHED	9	29.10.2022	Non Complying
51	Palwal by PHED	PHED	9	29.10.2022	Non Complying
52	Hassanpur by PHED	PHED	3	29.10.2022	Non Complying
<b>Faridabad</b>					
53	Badshahpur, Faridabad by ULB	ULBD	45	28.10.2022	Non-Complying
54	Faridabad by HSVP	HSVP	7.5		Complying
<b>Gurugram</b>					
55	Dhanwapur, Gurgaon by GMDA	GMDA	50	26.10.2022	Complying
56	Dhanwapur, Gurgaon by GMDA	GMDA	68	26.10.2022	Complying
57	Behrampur, Gurgaon by GMDA	GMDA	120	19.10.2022	Complying
58	Behrampur, Gurgaon by GMDA	GMDA	50	19.10.2022	Complying
59	Dhanwapur, Gurgaon by GMDA	GMDA	100	26.10.2022	Non-Complying
	<b>Total</b>		<b>1074.2</b>		

## Status of existing STPs in the catchment of other areas

Sr. No.	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Date of sampling	Latest Compliance Status
<b>Gurugram</b>					
1	Sohna, Gurgaon	PHED	6	30.09.2022	Non-Complying
2	Pataudi, Gurgaon	PHED	4.5	13.10.2022	Non-Complying
3	Farrukhnagar, Gurgaon	PHED	3	13.10.2022	Complying
4	Haily Mandi, Gurgaon	PHED	5.5	13.10.2022	Complying
<b>Jind</b>					
5	Julana, Jind	PHED	4	28.10.2022	Non-Complying
<b>Bhiwani</b>					
6	Dhana Road, Bhiwani	PHED	10	27.09.2022	Non-Complying
7	Bhiwani	PHED	10	27.09.2022	Non-Complying
8	Bhiwani, Phase-I	PHED	15	27.09.2022	Complying
9	Bhiwani, Phase-II	PHED	15	27.09.2022	Non-Complying
10	Charkhi Dadri, Bhiwani	PHED	5	16.09.2022	Non-Complying
11	Chirya Road, Charkhi Dadri, Bhiwani	PHED	5	16.09.2022	Non-Complying
12	Bawani Khera, Bhiwani	PHED	4.5	19.09.2022	Non-Complying
13	Loharu, Bhiwani	PHED	3.5	19.09.2022	Non-Complying
14	Tosham, Bhiwani	PHED	3	19.09.2022	Non-Complying
15	Siwani, Bhiwani	PHED	4	19.09.2022	Non-Complying
16	Bhiwani	HSVP	10	28.09.2022	Complying
<b>Mohindergarh</b>					
17	Mohindergarh	PHED	6.5	01.07.2022	Non-Complying
18	Ateli Mandi, Mohindergarh	PHED	2	30.09.2022	Non-Complying
19	Kanina, Mohindergarh	PHED	3	30.09.2022	Non-Complying
20	Rewari Road, Narnaul, Mohindergarh	PHED	7.5	30.09.2022	Non-Complying
21	Near Chinkara Rest House, Rewari Road, Narnaul	MC	6		Non-Operational and effluent being treated in 7.5 MLD STP Narnaul
<b>Rewari</b>					
22	Bawal, Rewari	PHED	3	30.09.2022	Non-Complying
23	Rewari	PHED	6.5	30.09.2022	Non-Complying
24	Rewari	PHED	8	30.09.2022	Non-Complying
25	Rewari	PHED	16	30.09.2022	Non-Complying
26	Dharuhera	PHED	9.5	30.09.2022	Non-Complying

Sr. No.	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Date of sampling	Latest Compliance Status
27	Kosli, Rewari	PHED	3	30.09.2022	Non-Complying
28	Dharuhera	HSVP	5	30.09.2022	Complying
<b>Ambala</b>					
29	Barara, Ambala	PHED	4	15.10.2022	Complying
<b>Karnal</b>					
30	Assandh, Karnal	PHED	5	20.10.2022	Complying
<b>Hisar</b>					
31	Hansi, Hisar	PHED	6.5	04.10.2022	Non-Complying
32	Dhani Gram, Barwala, Hisar	PHED	6	04.10.2022	Non-Complying
33	Uklana, Hisar	PHED	6.5	04.10.2022	Non-Complying
34	Dhani Kushal, Bhiwani Road, Hansi	PHED	5	04.10.2022	Non-Complying
35	Lalpura- Jind Road, Hansi	PHED	7.5	04.10.2022	Non-Complying
<b>Total -35</b>			<b>225</b>		

## 13 Clusters of ISWM in river catchment

Sr. No.	Cluster	ULBs clusters within	Plant Capacity (TPD)	Project Status
1	Sonepat-Panipat	Sonepat, Panipat, Gannaur, Samalkha	700	<ul style="list-style-type: none"> <li>Waste to Energy Plant has been commissioned on 16.08.2021.</li> </ul>
2	Faridabad-Gurugram	Faridabad, Gurugram	2100	<ul style="list-style-type: none"> <li>Project is awarded to M/s Ecogreen Energy Gurugram Faridabad Pvt. Ltd. on 14.07.2017.</li> <li>Environment Clearance has been granted by MoEF&amp;CC on 01.11.2019.</li> <li>The work of construction of plant is likely to be started soon.</li> </ul>
3	Bhiwani	Bhiwani, BawaniKhera, CharkhiDadri, Loharu, Badhra	155	<ul style="list-style-type: none"> <li>Bids were invited for Bhiwani&amp;Sirsa cluster on 07.06.2021 with bid due date on 22.07.2021.</li> <li>Two bids were received in both clusters and only single bidder in each cluster has qualified in Technical evaluation.</li> <li>A Meeting of CCI was held on 14.10.2021 in which it was decided to plan before COSI. It will be placed on 07.06.2022.</li> </ul>
4	Sirsa	Sirsa, Rania, Ellenabad, Kalanwali, MandiDabwali	168	<ul style="list-style-type: none"> <li>Now CCI has decided that the bids may be finalized by the CoSI. The meeting of CoSI for final decision is likely to be scheduled shortly.</li> </ul>
5	Ambala-Yamunanagar	Ambala, Naraingarh, Yamuna Nagar, Radaur, Barara, Sadhura	675	<ul style="list-style-type: none"> <li>Bids are invited for Ambala-Yamunanagar cluster on 25.08.2021. Pre-bid Meeting was conducted on 07.09.2021 and re-conducted as per directions of CCI meeting on 10.11.2021. No bid received.</li> <li>New bid will be uploaded.</li> </ul>
6	Karnal-Kaithal-Thanesar	Indri, NilokheriTarori, KarnalGharaunda, Nissing, Assandh, Thanesar, Shahbad, Ladwa, Kaithal, Kalayat, Rajound, Cheeka, Pundri	638	<ul style="list-style-type: none"> <li>One bid is under technical evaluation.</li> </ul>
7	Panchkula	Panchkula and Kalka	280	<ul style="list-style-type: none"> <li>One bid is under technical evaluation.</li> </ul>
8	Rohtak-Bahadurgarh-Jhajjar	Kalanaur, Meham, Rohtak, Gohana, Bahadurgarh, Kharkhoda, Julana, Jhajjar, Sampla, Beri	628	<ul style="list-style-type: none"> <li>New bid will be uploaded.</li> </ul>

Sr. No.	Cluster	ULBs clusters within	Plant Capacity (TPD)	Project Status
9	Jind	Jind, Narwana, Safidon, Uchana, Narnaund, Sisai, Bass	181	• Tenders will be invited after finalization of earlier invited tenders.
10	Rewari	Bawal, Dharuhera, Rewari, Mahendergarh, Kanina	407	
11	Hisar-Fatehabad	Hisar, Barwala, Hansi, Siwani, Fatehabad, Bhuna, UklanaMandi, Ratia, Tohana, JhakaMandi	432	
12	Punhana	Punhana, F/Jhirka, Hathin, Hodal, Palwal, Sohna, Nuh, Tauru	466	
13	Faruknagar	Farukh Nagar, HailyMandi, Pataudi	26	
<b>Total</b>			<b>6856</b>	



## Details of Dump Site

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
1	Hisar	Opp. Village Dhandoor	13.32	4.01	1.3	9 years	
2	Gurugram	Village Bandhwari Gurgaon Faridabad Road	30	Approx 40.00	27.5 (approx)	2008 onwards	Bandhwari dumpsite was established and operated by MC Faridabad through its contractor i.e AKC Developers and operated till 2014. further in year 2017 M/s Ecogreen was engaged for collection, transportation of MSW for MCG & MCF )Faridabad & Gurugram Cluser) and possession of bandwari site is with them since 2019
3	Ambala city	VPO Patvi, Teh. Naraingarh	14	height-6 Mtr Depth-4 Mtr	6		
4	Panipat	Near Village Nimbri, Distt. Panipat	8	2	5	2014	-
5	Sirsa	Village Bakirawali SWM Plant	13	11	4	14 Years	
6	Panchkula	Nera IT Park Sector-23 Panchkula	10.5	4	3.96	14 Year's (2004 onwards dumping started)	
7	Rohtak	Near SWM plant, Drain No. 8,Bhiwani Road, Village Sunarian, Rohtak Ward NO. 22	10	4	3.95	2010	
8	Bahadurgarh	NayaGaon, Badli	7.2	3	3.2	Since 2004	

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
		Road					
9	Yamunanagar-Jagadhri	KailKachra Plant	12	2.5	1.76 Approx	21.12.2012 to 14.12.2013 (Plant is not working from 14.12.2013 to till date.)	-
10	Jind	Near Delhi Ferozpur Railway Line	18.12	2.13	1	1996	
11	Shahabad (M).	Village Kalyana	0.48	4.9	0.11	19.12.2018	Land on lease basis.
12	Narnaul	Raghunathpura	16	15	0.59	Since 2001	
13	Safidon	Near Assandh By Pass back of New Grain Market Safidon	0.06	0.9	0.006	Since Sep-2019	
14	Ratia	JakhalDadi Road	4	1	0.11	2017	area covered 30 %
15	Rania	BalasarRaod, Back Side NirankariBhawan, Ward No. 02, Rania.	3.3	2.1	0.14	Year 2018	10 Feet Depth of the Site
16	Rajound	Gas Agency Road, Ward 03 Rajound	0.14	1	0.002	43718	-
17	Radaur	SK Road Radaur	1	-	0.003	09.02.2016	-
18	Palwal	Meghpur Village	1.48	Height= 1.25 Mtr. Depth=2.10 Mtr. Total= 3.35 Mtr.	0.12	Year 2017	
19	Nilokheri	Kali Mata Mandir Road	2	2.33	0.18	Approximately 8-10 Year	
20	Nangal Chaudhary	Near Krishnawati River Nangal	0.7	0.9	0.015	Since 2013	-

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
		Chaudhary					
21	Meham	Hisar Bye Pass, Meham	1.48	3.25	0.087	2013	
22	Ladwa	On Babain Road	6.26	1.5	0.001	43800	-
	Kanina	PiplaWaliBani (Gahra Road)	25	1.5	0.068	2010	
23	Kanina	MankaWaliBani (Sihor Road)	8	1.5	0.034	2009	
24	Julana	Near HadwaraJulana	1	6	0.05	25.11.2019	-
25	Faridabad	Bandhwari Dumpsite is Common Dumpsite for MCG and MCF.					
26	Gharaunda	Begampur	1.19	10	0.23	Oct. 2019	
27	FerozpurJhirka	DoodhGhati	1	NIL	0.2	2006	-
28	Fatehbad	Bighar Road, Village Matana, Fatehabad	1.5	2	0.46	2014	
29	Farrukh Nagar	Chand Nagar Road, Ward no. 11, Farrukhnagar	3.73	1.22	0.11	Last 10 years	Presently stay by Hon'ble Court as this dumping site
			0.18	1.83	0.082	Last 6 month	Used as Temporary dumping site due to stay at main dumping site on Chand Nagar Road, Ward No. 11, Farrukhnagar.
30	Ellenbad	Temporary Dumpsite in Hudda R-3	2.25	2.43	0.12	From Last 2 Years	-
31	Assandh	Near Kanchi gate Kaithal road Assandh	1.38	4.57	0.15	Since 2004	-
32	CharkhiDadri	Rania WalaJohar, Near BhiwaniRohtak Bye pass	4	3	0.26	Year 2006	
33	Gohana	VilalgeThaska	4.7	5.5	0.42	2011	
34	HailyMandi	Near Mirzapur Road, W. No. 7 HailyMandi	2.49	2.43	0.00028	11.03.2020	

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
35	Indri	Indri Bypass Road	1.2	1	0.03	5-8 Years	
36	Kaithal	Khurana Road	5	2.43	0.8	41426	
37	Kharkhoda	Sampla Road Bye pass	2	1.22	0.24	Approx 25 Years	
38	Narnaund	Near ShanshanGhat W. No. 4	1.4	1	0.028	2001	
39	Nuh	Jogipur Road, Nuh town, Near Vijay Gas Agency	3.7	NIL	0.16	2011	
40	Pataudi	Ward No. 10 MotiDungri	2	2.85	0.11	Approximately from year 2000	-
41	Pehowa	KKR Road	2	0.5	0.008	Since 2018	
42	Rewari	RamsinghpuraBawal	12	Varies from average1.22 mtr to average3.20 mtr		0.6	Since 2005
43	Bawal	There is common dumpsite for MC Rewari, MC Bawal, MCDharuhera.					
44	Dharuhera	There is common dumpsite for MC Rewari, MC Bawal, MCDharuhera.					
45	Sohna	Old Delhi Alwar Road BehindNirankari College Sohna	5	2.00-2.25	0.51	2010	
	Taraori	Nadana road near electricity power house M.C Taraori	0.22	3.5	0.0315	Approx 8-10 Years	
	Taraori	Nadana road near electricity power	0.11	3.5	0.0157	Approx 8-10	

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
46	Taraori	house M.C Taraori				Years	
		Nadana road near electricity power house M.C Taraori	0.19	3.5	0.02625	Approx 8-10 Years	
	Taraori	Nadana road near electricity power house M.C Taraori	0.15	1	0.006	Approx 8-10 Years	
	Taraori	Nadana road near electricity power house M.C Taraori	0.33	4	0.054	Approx 8-10 Years	
	Taraori	Nadana road near electricity power house M.C Taraori	0.08	3.5	0.0126		
47	Nissing	Near Mata SundriKhalsa Girls College Karnal-Kaithal Road	2	3	0.15	This Dumpsite is under operation since the time of Gram Panchayatnissing	Municipal Nissing was constituted in the year 2010, but this dumpsite is in operation from the time of gram panchayat.
48	Hodal	Gadhi Mod, Hodal	2	1	0.04		
49	Siwani	Tosham Road	2.3	1.2	0.07	SINCE LAST 7-8 YEARS	
50	Tauru	BurakhaPahadi	1	3.5	0.35	2009	
51	Ganaur	Badshahi Road, Near Telephone Exchange, Ganaur.	4.4	4.5	0.25	18 YEARS APPROX.	
52	Kalanwali	Dadu Road, Ward No. 10	2	below ground level	0.0328	30 years.	
53	Mahendergarh	DohanNadi	4	1.5	0.12138	since 4 years	
54	Narwana		2	4.5	Not estimated	since 1987	
55	Hathin		NA	NA	NIL	NA	There is no permanent landfill site in MC Hathin.
56	JakhalMandi	Balran Road	0.55	7	0.00015	20.01.2020	
57	Jhajjar	Village UtlonDhaDistt.	8.6	1.5	0.01818	since 2017	

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
		Jhajjar					
58	Karnal	Village Sekhpura, Karnal	8	6	0.714	41944	
59	Sadaura	Kala Amb Road Near ITI	2.5	-	-		
60	Naraingarh	There is no dumpsite in MC, Naraingarh. All the Solid waste, garbage of MC Naraingarh is transported to Patvi dumpsite of Ambala City.					
61	Ambalasadar	There is no dumpsite in MC, Ambalasadar. All the Solid waste, garbage of MC AmbalaSadar is transported to Patvi dumpsite of Ambala City.					
62	Pundri	Near kakaut Road	1	NIL	0.0002	27.03.2020	
63	Sampla	MC, Sampla sent all solid waste to SWM Plant Rohtak.					
64	Kalanaur	MC, Kalanaur sent all solid waste to SWM Plant Rohtak.					
65	Kundli	On Narela Road	1	below ground level	0.00008	42095	
66	Bhiwani	Dadri Road, Bhiwani	10	2.00-3.00	0.22403	Since the existence of MC.	
67	Hansi	Near biid Farm	2	5 feet height and 5 feet deep			
68	Ismailabad	pehowa-ismailabad-ambala link road opposite reliance petrol pump	1	--	0.005	since 2008	
69	Samalkha	GarhiChhaju	0.22	4.95	0.28239	27.02.2008	
70	Tohana	Baba Buta shah Basti	1	3 mtr deep from the ground	0.1	2019	
71	Thanesar	village bazidpur near pipli zoo	4	1.91	0.008	2019	
72	MandiDabwali	Near Rambagh	8	4.26 Av.	0.30684	2008 (12 Years)	
73	Bass	New Committee			0.003		
74	Sisai	New Committee			0.003		
75	Bhuna	Kula road, Bhuna	1.5	2	0.1	2012	

Sr. No.	Name of MC	Dumpsite Location	Area Covered (In Acre)	Height ( in Mtr.)	Quantity ( in Lakh MT)	Date since the dumpsite is in operation	Remarks
76	cheeka	Khrodi Road	1.5	4	0.392	2012	
77	Uchana	KheriMasaniya Road, Near kabristan, uchanaKalan	0.4	8	0.0578	06.01.2020	
78	Barara	Near sajanMajri Road	7	2.43	0.08737	since 2016	
79	Loharu	Pilani Road, Loharu	2	1.22	0.002	2006	
80	Kalayath	Kapil Muni Road, Ward No. 8 near shamshanghat, Kalayat	1.5	2.31	0.12	Jan, 2005	
81	BawaniKhera	Hansi-bhiwani main Road	4	1.22	0.009	from last 5 years	
82	Beri	Kabulpur road, near shiv dhamBeri.	0.5	0.25	0.006	Jan-20	
		BeriJhajarh road near bhagalpuri chock Beri.	1	1	0.05475	Till March 18	
83	Sonepat	Murthal bye pass (Near DCRUST University)	5	0	0.5	Since 2017	
84	Punhana	Mandikhera, Jamalgarg Road	0.5	0	0.2	Since 2009	
85	AteliMandi	Village Khor	1	1	0.01942	2018	
86	Barwala	Kharkhra Road, Barwala	1.75	1.2	0.0052	Since 2018	
87	UklanaMandi	Theh Uklana	2	1.2	0.006	Since 2017	

## Annexure-6

## Details on Captive TSDF(s)

Period: 2019-20

Name of SPCB/PCC:- HSPCB

Sr. No	Name and address of the Captive Facility	Type of facility (Land fillable/ Incinerable/ both)	Capacity		HW disposed during the year (MT)		Cumulative HW disposed till the end of financial year (MT)	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
1	M/S Panipat Refinery ,IOCL Panipat	Landfillable	0	2500	1464.5	0	15964.5	0
2	M/s Crystal Crop. Protection Pvt. Ltd. (Unit-II) <b>(Tech. Plant)</b> , Vill. Nathupur, Sonapat.	Incinerable	0.05	0	--	0.005	--	42.805
3	M/s Indogulf Cropsciences Ltd., (Jai Shree Rasayan Udyog Ltd.), <b>(new unit Tech. Plant)</b> , Vill. Nathupur, Sonapat	Incinerable	0.05	0	--	4.62	--	50.62
4	M/s Marino panel Products Ltd., vpo rohad, Jhajjar	Incinerable	15	Nil	Nil	85.6	Nil	Nil



MI Project under NABARD (1<sup>st</sup> Phase)

Sr. No	Name and Address of STP	Deptt.	Capacity (MLD)	Flow of Inlet (In MLD)	Treated Effluent (In MLD)	Quantum of Treated effluent being reused (In MLD)	Mode of reuse (Irrigation / horticulture /Industrial use / any other)	CCA (Hectares)	App. Cost (CCA in ha*2.10 lacs) otherwise actual	Status
1.	BararaSBR Technology Ambala	PHED (SBR)	6.00	To be filled by PHED	4.00	2.00	Irrigation	546	1146.60	<b>AA received from Govt. on 22.04.2021. Tenders approved. Agreement signed. Work to start shortly</b> Likely Date of Start-01.11.2022 Likely Date of Completion-30.11.2023
2.	Naraingarh - MBBR Ambala	PHED (MBR)	5.00	To be filled by PHED	3.00	1.40-1.70	Irrigation			<b>AA received from Govt. on 26.04.2021. Tenders approved Agreement signed. Work to start shortly.</b> Likely Date of Start-01.11.2022 Likely Date of Completion-30.11.2023
3.	Hisar Lalpura Road Hansi-	PHED	7.50	To be filled by PHED	7.50	6.00	Irrigation	372	781.20	Hearing completed. <b>for Rs 1349.00 lacs</b>

	MBBR									<b>recd from Govt. on 25.10.2021.</b> <b>Consultancy under process</b> Likely Date of Start- 01.03.2023 Likely Date of Completion- 31.03.2024
4.	Narnaund-Hisar	PHED	4.00	To be filled by PHED	4.00	2.00	Irrigation	198	415.80	Hearing completed. <b>AA received from Govt. for Rs 4.44 Cr. on 11.10.2021.</b> <b>Estimate appd. Tender approved and work to start shortly</b> Likely Date of Start- 01.12.2022 Likely Date of Completion- 31.12.2023
5.	Rishi Nagar-Hisar	PHED	40.00	To be filled by PHED	40.00	25.00	Irrigation	2569	5394.18	Administrative Approval received on 28.04.2021. <b>Consultancy under process and Estimate under preparation</b> Date of start- 01.03.2023 Date of completion 30.09.2024
6.	Gulha Cheeka SBR Kaithal	PHED	10.00	To be filled by PHED	8.00	4.00	Irrigation	794	1667.40	Hearing completed. <b>AA received from Govt for Rs 10.25 Cr on 11.10.2021.</b>

										<b>Consultancy under process</b> Likely Date of Start- 01.12.2022 Likely Date of Completion- 31.12.2023
7.	Jind Road, Kaithal KTL drain SBR- Kaithal	PHED	10.00	To be filled by PHED	8.00	4.00	Irrigation			Hearing completed <b>AA for Rs 1372.97 lacs received from Govt on 20.10.2021. Consultancy under process</b> Likely Date of Start- 01.12.2022 Likely Date of Completion- 31.12.2023
8.	Majra, -MBBR Fatehabad	PHED	10.00	To be filled by PHED	10.00	7.50	Irrigation	496	1041.60	Hearing completed. <b>AA received from Govt. Tender opened on 29.01.2022 and work in progress</b> Date of Start- 01.07.2022 Likely Date of Completion- 30.06.2023
9.	Village Amani, Tohana- MBBR Fatehabad	PHED	10.00	To be filled by PHED	10.00	7.50	Irrigation	496	1079.32	<b>AA accorded by Govt. on 11.02.2021. Tender approved and work in progress</b> Date of Start- 15.03.2022 Likely Date of Completion-

										30.06.2023
10.	Jakhal-SBR Fatehabad	PHED	3.00	To be filled by PHED	3.00	2.25	Irrigation	149	343.59	<b>AA received from Govt. on 14.01.2021. Tender appd, work in progress</b> Date of Start-15.03.2022 Likely Date of Completion-30.06.2023
11.	Ratia - MBBR Fatehabad	PHED	6.50	To be filled by PHED	6.50	4.88	Irrigation	323	739.42	<b>AA received from Govt. on 11.02.2021. Tender approved and work in progress</b> Likely Date of Start-15.03.2022 Date of Completion-30.06.2023
12.	Kalka - MBBR Panchkula	PHED	4.75	To be filled by PHED	4.75	3.25	Irrigation	250+250 = 500	1518.00	<b>AA received from Govt. on 22.04.2021. However, it has been observed during final survey that the project is not feasible and thus dropped</b>
13.	Nalagarh Road, Manakpur, Pinjore - MBBR Panchkula	PHED	5.00	To be filled by PHED	5.00	1.50-2.00	Irrigation			<b>AA received from Govt. on 22.04.2021. Consultancy under process</b> Likely Date of Start-01.12.22 Likely Date of Completion-

										31.12.2023
14.	STP Jind- MBBR Jind	PHED	15.00	To be filled by PHED	15.00	-	Irrigation	992	2083.20	AA received. Consultancy under process Likely Date of Start- 01.12.2022 Likely Date of Completion- 31.12.2023
15	STP Narwana MBBR Jind	PHED	5.00	To be filled by PHED	5.00	3.75	Irrigation			Hearing completed. <b>Not Feasible.</b> <b>More than 80%</b> <b>Farmers did not</b> <b>agree.</b>
	<b>Total</b>		<b>141.75</b>					<b>7435.00</b>	<b>16210.31</b>	