

I/136614/2022



HSPCB

HARYANA STATE POLLUTION CONTROL BOARD
 C-11, SECTOR-6, PANCHKULA
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Dated:07/10/2022

To

1. Chairperson, HWRA, Panchkula
2. CEO, GMDA, Gurugram.
3. Principal Chief Conservator of Forest, Sector-6, Panchkula.
4. MD, HSIIDC, Sector-6, Panchkula.
5. Chief Administrator, Housing for all Department, Panchkula, Chandigarh
6. Chief Administrator, HSVP, Sector-6, Panchkula.
7. Director General, Development & Panchayat Department, Plot no. 3, Sector-28-A, Chandigarh.
8. Director Department of Rural Development, Haryana, Chandigarh
9. Director General, Agriculture Department, Krishi Bhawan, Sector-21, Panchkula
10. Special Secretary to Govt, Health Services, Sector-06, Panchkula
11. Commissioner, Transport Deptt, Haryana, Chandigarh.
12. Director, Mines & Geology Department, 30 Bays Buildings, Chandigarh
13. EIC, Irrigation Department, Sinchai Bhawan, Sector-05, Panchkula
14. EIC, Public Health Engineering Department, Sector-04, Panchkula.

Sub: Status report of the implementation of River Action Plans after 14th review meeting of RRC constituted in matter of OA No. 673 of 2018 "More river Stretches are now critically polluted: CPCB" held on 07.10.2022 at 11:00 AM through VC.

Sir,

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the status report of the implementation of River Acton Plans after 14th review meeting of RRC constituted in matter of OA No. 673 of 2018 2018 "More river Stretches are now critically polluted: CPCB" held on 07.10.2022 at 11:00AM through VC among the DG, Industries Department, DG, ULBD, Director Environment and Member Secretary, HSPCB for information and necessary action please.

DA/As above

Sr. Env. Engineer (HQ)
 For Member Secretary

Endst. No.

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

1. Director, Industries & Commerce Department, 30 Bays Building, Sector-17, Chandigarh
2. Director, Urban Local Bodies Department, Bays No. 11 & 12, Sector-04, Panchkula

DA/As above

Signed by Jatinder Pal
 Singh
 Date: 07-10-2022 16:39:32
 Reason: Approved

Status report of the implementation of River Action Plans after 14th review meeting of RRC constituted in the matter of OA No. 673/2018 “More river stretches are now critically Polluted:CPCB” held on 07.10.2022 at 11:00 AM through VC.

14th review meeting of the RRC was held on 07.10.2022 through VC among the DG, Industries Department, DG, ULBD, Director Environment and Member Secretary, HSPCB. Following were present:-

1. Sh. Shekhar Vidyarthi, IAS, DG, Industries & Commerce Department.
2. Sh. DK Bahera, IAS, Director, ULBD, Haryana.
3. Sh. Pardeep Kumar, IAS, Director, Environment and Member Secretary, HSPCB

The progress report submitted by the Stake Holder Departments was reviewed and the brief proceedings are as under:-

- The issue of tapping of sewage and putting it into existing sewer was discussed. Some of the departments have not sent the Action Plan for respective locations. The details are attached herewith.
- Regarding achieving Faecal Coliform Standard, the departments have not achieved the same so far though it was to be achieved by 02.07.2021.

The above issues shall be placed before the Chief Secretary, Haryana in the coming meeting to be held on 10.10.2022 at 11:00 AM in Main Secretariat, Chandigarh. Some of the departments have not submitted the latest updated status of the activities mentioned in the agenda. The same is reproduced here in the coming paras so that concerned departments may submit the updated status (if any).

I. Tapping of sewage

Govt. has laid and been laying sewerage network in approved areas for carrying sewage to STPs. But as per NGT direction, the sewage from unauthorized colonies of towns/cities is to be tapped/ diverted at various locations by concerned Departments and put into existing sewers so that it could be treated in existing STPs. The list of the locations of towns/cities where issues need to be resolved is attached as **Annexure-1**.

The abstract of work done is as under:-

River Ghaggar

Sr. No.	Name of city MC	Deptt.	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	Ambala	ULBD	11	30.61	0	0	11	30.61	0	0
2	Barwala	ULBD	5	6.54	0	0	5	6.54	0	0
3	Pehowa	ULBD	3	0.007	3	0.007	0	0	0	0
		PHED	2	0.005	0	0	2	0.005	0	0

Sr. No.	Name of city MC	Deptt.	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)
4	Cheeka	ULBD	2	0.6	2	0.6	0	0	0	0
5	Kaithal	ULBD	2	3.45	2	3.45	0	0	0	0
6	Panchkula	ULBD	13	8.1	10	6.1	3	2	0	0
		PHED	10	11.94	7	9.9	3	2.04	0	0
		Railway	1	0.39	0	0	0	0	1	0.39
		Panchayats	2	0.3	1	0.14	1	0.06	0	0
		HSVP	10	4.97	6	4.27	2	0.7	2	0.4
		HSPCB	1	0.17	1	0.17	0	0	0	0
	Housing Board	1	0.5	0	0	0	0	1	0.5	
7	Kalayot	ULBD	4	1.12	4	1.12	0	0	0	0
8	Thanesar	ULBD	5	10	5	10	0	0	0	0
	Total		72	78.702	41	35.757	27	41.955	4	1.29

River Yamuna

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	16	61.055	13	56.53	3	4.525	0	0
2	Taraouri	10	1.28	10	1.28	0	0	0	0
2	Rohtak	2	8	1	2	1	6	0	0
3	Sonepat	9	21.48	7	18.67	2	2.81	0	0
4	Gohana	3	1.45	3	1.45	0	0	0	0
5	Panipat	58	19.45	33	6.81	25	12.64	0	0
6	Bahadurgarh	17	6.35	17	6.35	0	0	0	0
7	Palwal	29	2.49	29	2.49	0	0	0	0
8	Ganaur	2	0	2	0	0	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	169	143.525	138	117.55	31	25.975	0	0

Out of above locations, work has not been done upto desired level for many locations and need to be addressed. The detail is given as under:-

River Ghaggar

1. Panchkula

- Action plan for 1 location not submitted by Housing Board Department and 1 location by Railways.
- Action plan not submitted for 2 locations and timelines crossed for 2 locations by HSVP.

2. Pehowa

- Timelines crossed for 2 locations by PHED.

II. Action plan for sources of pollution given by Irrigation Department

Besides above tapping points, the Irrigation Department had also submitted survey of the pollution sources/locations responsible for pollution in Rivers Ghaggar and Yamuna. The list of the locations is attached as **Annexure-2**. The Concerned Departments were asked to submit action plan for each source/locations. The Departments have not submitted latest timelines or not submitted action plan at all for many points. The status of action plan can be summarised for each deptt. is given as under:-

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
HP State	1	0	1	0	0
Forest Deptt.	1	0	1	0	0
UT-CHD	2	0	2	0	0
	247	73	12	32	130

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	1	13
Haryana Roadways	3	0	3	0	0
Total	17	0	3	1	13

PHED

- Action plan is in progress for 17 locations but timelines expired for 7 locations and action plan not submitted for 4 locations in Ghaggar catchment.
- Timelines expired for 1 location in Yamuna catchment.

D&P

- Action plan is in progress for 51 locations and timelines expired for 18 locations in Ghaggar catchment.

HSVP

- Timelines expired for 1 location and action plan not submitted for 4 locations in Ghaggar catchment.

ULBD

- Action plan is in progress for 5 locations and timelines expired for 6 locations in Ghaggar catchment.

HP State

- Action plan not submitted for 1 location in Ghaggar catchment.

Forest Deptt.

- Action plan not submitted for 1 location in Ghaggar catchment.

Haryana Roadways

- Action plan not submitted for 3 locations in Yamuna catchment.

UT Chandigarh

- Action plan not submitted for 2 locations in Ghaggar catchment.

(Action by D&P, PHED, HSVP, ULBD etc.)

III. Estimation of sewage generation

The STPs have been constructed considering future population mostly upto 2031. But the waste water generation have been calculated according to population of 2021 and it has been observed that the waste water reaching upto STPs for treatment is higher than the estimated quantum of sewage in many towns.

So it can be deduced that method used to estimate the capacity of STP to be installed is not true representative of the actual position. This will create problem and without proper planning the river pollution problem shall not be solved. So the concerned departments are to take corrective steps. The detail of the towns is given in following tables:-

Detail of towns where quantum of sewage higher than generation is reaching upto STPs in Ghaggar catchment

Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Estimated Sewage Generated (in MLD) 2021	Actual sewage reaching to STPs in MLD	Remarks
1	Tohana	PHED	72967	7.88	8.20	The actual sewage reaching at the STP is within the design capacity of these STPs.
2	Jhakal Mandi	PHED	8897	0.96	1.50	
3	Fatehabad	PHED	102163	11.03	14.00	
4	Hisar	PHED/HSVP /ULBD	350744	37.88	50.00	
5	Uchana	PHED	19210	2.07	2.75	
6	Kaithal	PHED/HSVP	178023	19.23	21.50	
7	Kalayath	PHED	21317	2.30	3.50	
8	Pundri	PHED	23184	2.50	3.25	
9	Shahbad	PHED	52341	5.65	6.50	
10	Mandi Dabwali	PHED	60402	6.52	13.50	
11	Sirsa	PHED/HSVP	263476	28.46	29.50	

Detail of towns where quantum of sewage higher than generation is reaching upto STPs in Yamuna catchment.

Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Estimated Sewage Generated (in MLD) 2021	Actual sewage reaching to STPs in MLD	Remarks
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Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Estimated Sewage Generated (in MLD) 2021	Actual sewage reaching to STPs in MLD	Remarks
1	Jagadhri	PHED	156118	16.86	18.5	The actual sewage reaching at the STP is within the design capacity of these STPs.
2	Yamunanagar	PHED	271338	29.30	43.70	
3	Ladwa	PHED	36064	3.89	5.00	
4	Nilokheri	PHED	21702	2.34	3.50	
5	Taraori	PHED	31387	3.39	3.80	
6	Ganaur	PHED	45932	4.96	5.50	
7	Hathin	PHED	17404	1.88	2.08	

Besides above, there are towns where sewage quantity less than generation is reaching upto STPs. The reasons of the same need to be verified and corrective action for any lapses need to be taken.

Detail of towns where sewage reaching upto STPs is less than generation in Ghaggar catchment

Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Estimated Sewage Generated (in MLD) 2021	Actual sewage reaching to STPs in MLD	Remarks
1	Naraingarh	PHED/HSVP	28049	3.03	1.70	In part of the old town there exist septic tanks/soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.
2	Ambala	PHED/HSVP/ULBD	375009	40.50	22.10	The sewerage system in the balance approved area of the town is under execution by ULBD under AMRUT. The sewage discharge at the STP will increase after commissioning of sewerage system being laid by ULB.
3	Safidon	PHED	39673	4.28	3.20	In part of the old town there exist septic tanks/soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.
4	Thanesar	PHED/HSVP	177245	19.14	18.00	
5	Kalka	PHED	37136	4.01	2.55	Work of tapping of sewage is in progress.
6	Rania	PHED	36264	3.92	2.60	In part of the old town there exist septic tanks/soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.

Detail of town where sewage reaching upto STPs in less than generation in Yamuna catchment

Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Sewage Generated (in MLD) 2021	Actual discharge reaching to STPs in MLD	Remarks
1	Panipat	PHED	757432	81.80	42.00	The sewerage system in the balance

Sr. No.	Name of Town	Name of Deptt.	Present population as in 2021	Sewage Generated (in MLD) 2021	Actual discharge reaching to STPs in MLD	Remarks
		/HSVP/ULBD				approved area of the town is under execution by ULBD under AMRUT. The sewage discharge at the STP will increase after commissioning of sewerage system being laid by ULB.
2	Samalkha	PHED	51489	5.56	4.00	In part of the old town there exist septic tanks/ soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.
3	Kharkhoda	PHED	29191	3.15	2.00	
4	Rohtak	PHED/HSVP/ULBD	585988	63.29	49.70	The sewerage system in the balance approved area of the town is under execution by ULBD under AMRUT. The sewage discharge at the STP will increase after commissioning of sewerage system being laid by ULB.
5	Bahadurgarh	PHED/HSVP-	251291	27.14	22.60	
6	Ferozepur jhirka	PHED	33092	3.6	2.5	In part of the old town there exist septic tanks/ soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.
7	Punahana	PHED	33073	3.57	1.25	
8	Palwal	PHED	170197	18.38	9.00	The sewerage system in the balance approved area of the town is under execution by ULBD under AMRUT. The sewage discharge at the STP will increase after commissioning of sewerage system being laid by ULB.
9	Hodal	PHED	64689	6.99	4.60	In part of the old town there exist septic tanks/ soakage pits in the individual households. So the sewage from septic tanks/soakage pits does not contribute to the sewage discharge reaching the STPs.

(Action by PHED, HSVP & ULBD)

IV. Upgradation of STPs

Only 76 STPs are complying in the State of Haryana and rests of the STPs do not meet the prescribed standards. The Concerned Department had submitted Action Plan for upgradation of STPs to achieve Faecal Coliform standards. But have not completed the work so far. The detail is given in following tables:-

Abstract for Action Plan to achieve Faecal Coliform (FC) standards for existing STPs in the State of Haryana

Deptt.	Total No. of STPs	No. of STPs		No. of STPs		No. of STPs		No. of STPs		No. of STPs		Timelines not given		Already achieving
		Likely to achieve FC Standard by 2020		Likely to achieve FC Standard by 2021		Likely to achieve FC Standard by 2022		Likely to achieve FC Standard by 2023		Likely to achieve FC Standard by 2024				
		Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	

Deptt.	Total No. of STPs	No. of STPs		No. of STPs		No. of STPs		No. of STPs		No. of STPs		Timelines not given		Already achieving
		Likely to achieve FC Standard by 2020		Likely to achieve FC Standard by 2021		Likely to achieve FC Standard by 2022		Likely to achieve FC Standard by 2023		Likely to achieve FC Standard by 2024				
		Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	Achieved	Not Achieved	
Yamuna Catchment														
PHED	42	12	2	0	1	4	5	0	14	0	2	1	1	17
HSVP	6	0	0	4	1	0	0	0	0	0	0	1	0	5
GMDA	5	0	0	3	0	0	2	0	0	0	0	0	0	3
ULBD	6	0	0	0	1	0	0	0	0	0	0	4	1	4
Total	59	12	2	7	3	4	7	0	14	0	2	6	2	29
Ghaggar Catchment														
PHED	50	16	2	5	0	3	9	0	7	0	7	1	0	25
HSVP	10	0	0	7	2	0	0	0	0	0	0	1	0	8
ULBD	1	0	0	0	0	0	0	0	0	0	0	1	0	1
GE	1	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	62	17	2	12	2	3	9	0	7	0	7	3	0	35
Other Area														
PHED	32	4	1	2	0	2	4	2	12	0	4	1	0	11
HSVP	2	0	1	1	0	0	0	0	0	0	0	0	0	1
ULBD	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	35	4	2	3	0	2	4	2	12	0	4	1	1	12
G. Total	156	33	6	22	5	9	20	2	33	0	13	10	3	76

Above tables shows that the likely dates have already expired for most of STPs but the same have not achieved in Faecal Coliform standard of 100 MPN/ 100 ml. The list of STPs is attached as **Annexure-3**.

(Action by PHED, HSVP, ULBD, GMDA and GE)

V. Under construction/ proposed STPs

The construction works of following STPs are under progress.

Sr. No.	Name of the Town/city	Deptt.	Capacity (in MLD)	Timelines	Latest progress	Remarks
River Ghaggar						
1	12 Cross Road, Ambala	ULBD	12	31.01.2023	35%	New
2	Khuda Khurd, Ambala	ULBD	12	31.01.2023	40%	New
3	Babyal	ULBD	10	31.12.2022	96%	New
4	Shahpur Machhonda	ULBD	7.5	31.12.2022	70%	New
5	Saketri-STP	ULBD	1.5	31.12.2022	99%	New
6	Uchana	PHED	2	30.09.2022	97%	Replacement
7	Ramgarh, PKL	ULBD	1	31.12.2022	99%	New
8	Hisar	HSVP	15	31.12.2022	70%	New
	Total		61			
River Yamuna						
1	Shiv Colony, Karnal	ULBD	8	31.03.2023	91%	Replacement
2	Phooshgarh, Karnal	ULBD	20	31.03.2023	92%	New

Sr. No.	Name of the Town/city	Deptt.	Capacity (in MLD)	Timelines	Latest progress	Remarks
3	Peer Bodhi, Rohak	ULBD	15	31.03.2023	81%	New
4	Faridabad, sector-21	ULBD	10	30.11.2022	90%	New
5	Kithwari	ULBD	10	31.12.2022	80%	Replacement
6	Jodhpur Road, Palwal	ULBD	15	31.12.2022	85%	Replacement
7	Ferozpur, Palwal	ULBD	2.5	31.12.2022	85%	Replacement
8	Sonepat (Aterna)	HSVP	15	31.12.2022	70%	New
9	Murthal Sonepat	ULBD	3	31.12.2022	55%	New
10	Jhazgarh	GMDA	20	31.12.2022	40%	New
11	Bajghera	GMDA	2	31.12.2022	22%	New
12	Rohtak	HSVP	10	31.10.2022	97%	New
13	Mirjapur, Faridabad	ULBD	80	30.06.2023	46%	Replacement
14	Partapgarh, Faridabad	ULBD	100	30.06.2023	49%	Replacement
15	Faridabad	HSVP	30	31.08.2022	100%	New
16	Dev Colony, Panipat	ULBD	15	31.01.2023	60%	New
17	Barsat Road, Panipat	ULBD	25	31.01.2023	50%	New
18	Manesar and Naharpur Kasan, Gurugram	GMDA	25	26.04.2023	5%	New
Total			405.5			

(Action by PHED, HSVP, ULBD and GMDA)

VI. Status of laying of sewer network in approved/notified areas

2225 Km of sewer line was proposed to be laid in total 61 towns in the State of Haryana, out of which 2029 Km length of sewer line have already been laid. Sewerage completely laid in 53 towns. Sewer lines are being laying in balance 8 towns and status of the same is as under:-

Sr. No.	Name of town	Deptt.	Timelines	Length to be laid(in meters)	Latest progress	% age of work done
River Ghaggar						
1	Ambala City	ULBD	30.09.2021	27825	27825	100.00%
	Ambala Sadar	ULBD	31.12.2022	305800	281380	92.01%
2	Jakhal Mandi	PHED	31.12.2022	46861	35000	74.69%
River Yamuna						
1	Palwal	ULBD	31.12.2022	148700	121446	81.67%
2	Panipat	ULBD	31.01.2023	328000	249000	75.91%
3	Rohtak	ULBD	31.12.2022	137000	134500	98.18%
4	Faridabad	ULBD	31.03.2023	450000	403165	89.59%
5	Karnal	ULBD	Tender cancelled. Preparation of new DNIT for balance work under process.	150653	148200	98.37%
6	Bahadurgarh	ULBD	31.12.2022	50195	49000	97.62%
Total				1645034	1449516	

(Action by ULBD and PHED)

VII. Sludge disposal for STPs.

The STP sludge management has not been scientific so far. The sludge is nothing but aggregated mass of pollutants and can not be left unattended or it will pollute environment again. A lot of cost is incurred in removing these pollutants from water environment. So, this issue needs to be addressed. If the sludge is hazardous then it should be disposed as per HOWM Rules. The Concerned Departments should review for disposal of sludge for their respective STPs.

(Action by ULBD, HSVP and PHED)

VIII. Under construction and Proposed CETPs

HSIIDC has submitted action plan for CETPs and they should not delay their action. Further, the work of CETPs at Faridabad has not been started so far by ULBD. The construction of CETP at Gurugram has not been started. It was decided during the last review meeting held on 06.05.2022 under the Chairmanship of Chief Secretary, Haryana that the work for construction of CETP at Gurugram be done by the MCG and they will submit their timelines and action plan immediately in this regard. But no action plan has been received from MCG so far.

(Action by ULBD, HSVP, HSIIDC and GMDA)

IX. Online Monitoring Devices (OMDs) on STPs

The OMDs were to be installed and data displayed by 31.03.2019 as per action plan submitted before NGT, but 79 STPs are still not displaying the data of OMDs. The data of other STPs has not been validated so far. The Concerned Department should look into it.

(Action by ULBD, HSVP, GMDA and PHED)

X. Dredging and de-silting of drains in the cities

The Action Plan was submitted by Irrigation Department for cleaning/de-silting of drains for Ghaggar catchment. But action plan for current financial year for cleaning/de-silting of drains for Yamuna catchment not received.

(Action by Irrigation Deptt.)

XI. Plan for integrated Solid Waste Management (ISWM).

Only one ISWM (Waste to Energy plant, Sonapat) has been commissioned so far. Timelines for Faridabad-Gurugram cluster has been submitted as Dec, 2023 by ULBD. The Time Bound Action Plan not submitted for 11 clusters.

(Action by ULBD)

XII. Plan for plastic waste management by HSPCB/ULBD

The action plan was submitted but latest status needs to be updated. The updated action plan for PWM should be submitted by ULBD.

(Action by ULBD)

XIII. Crop Diversification/inter Cropping for water conservation

Following issues were enumerated in action plan by Agriculture Department for Water Conservation so that pressure of river water extraction is minimum:-

1. Area reduction under technology of innovation for establishing alternate crops.
2. Farm mechanization
3. Cluster demonstration and Agro forestry system
4. Underground pipelines

The work completed so far and future action for above or any newly added scheme should be submitted for monitoring.

(Action by Agriculture Department)

XIV. Water Efficient agriculture Practices

The Irrigation Department had submitted action for promoting of following water efficient agriculture practices:-

1. Status of Micro irrigation on STPs is required to be submitted.
2. Latest status of reuse of treated waste water should be submitted.
3. The latest status is required for Solar/Grid powered Micro Irrigation project.

(Action by Irrigation Department)

XV. Watershed Management.

The Rural Development Department and Agriculture Department have not submitted for project wise monthly plan for Watershed Management for the year 2022-23.

(Action by Rural and Agriculture Department)

XVI. Increasing the water storage capacity

Irrigation Department has proposed to construct dams on rivers for water storage in catchment of river Yamuna and Ghaggar. Latest status of these dams should be submitted.

(Action by Irrigation Department)

XVII. Greenery Development Plan

Forest Deptt/ HSVP are involved in tree plantation. Forest Department had submitted details of plantation done in 2021-22. But the Geo locations of areas for tree plantations have not been provided so far by the Forest Deptt.

HSVP has not submitted details of Urban Estate wise plantation done in 2021-22 alongwith geo locations.

(Action by HSVP and Forest Department)

XVIII. Ground Water Management

HSVP has under taken water conservation measures. They are implementing dual button cistern systems for housing projects. List of units/occupation certificates where dual button cisterns systems have been installed in Haryana is required to enumerate the action completed as achievements. Further, the HWRA is to submit action plan for Ground Water Management.

(Action by HWRA and HSVP)

XIX. Septage Management/disposal of sewages through tankers

There are complaints of plying of illegal tankers in NCR which collect untreated sewage/ effluent from various industries and discharge into drains or road sides. The ULBD has prepared mechanism to address this issue. But we have

not received any case where vehicle has been impounded and case filed against vehicle by police. Such action is must for creating minimum deterrent. CPCB has issued direction under section 18 of Water Act, 1974 and these are binding in nature. CPCB have asked to take action through DGP. The action can be either for violation of ULBD policy or Motor Vehicle Act.

ULBD has submitted that septage Management policy has been notified by all the Municipalities falling in catchment of River Ghaggar and Yamuna. 242 Nos. tankers have been registered/deployed in the MCs falling in the catchment of River Yamuna & 68 nos. tankers have been registered/deployed in the MCs falling in the catchment of River Ghaggar. MCs have also started challaning of the tankers disposing septage illegally. MCs have also started challaning of the tankers disposing septage illegally. From the month of June, 2020 to till date, 397 nos. of tankers have been challaned and penalty of Rs. 77,84,000/- has also been recovered from the violators out of which 03 Challans amounting to Rs. 15000/- were issued in month of Aug, 2022.

(Action by ULBD and Haryana Police)

XX. Organization of Health Camp

Health Department has not submitted monthly report alongwith action plan for future.

(Action by Health Department)

XXI. Status of treatment System/ STPs in villages along Rivers Yamuna and Ghaggar.

The Action Plan for sewage of villages having out fall in rivers was prepared after submission of the State Action Plan before NGT and hence, it was not in the original plan. There are 277 villages along Yamuna and 45 villages along Ghaggar.

River Yamuna catchment

The matter of some villages needs attention.

- Timeline expired for 1 village by PHED/D&P.
- Timelines expired for 1 location by D&P.

River Ghaggar catchment

- Timeline expired for 1 village by D&P.

The status of such villages is enclosed as **Annexure-4**.

The D&P and other concerned Departments have not obtained CTE/ CTO from the HSPCB for treatment system being setup/established. It is worth to mention here that the NGT is reviewing CTO status of STPs in OA No. 887/ 2019- Sukhwanti Vs SoH.

(Action by PHED, GMDA, ULBD and D&P)

XXII. Adverse entry in ACRs of erring officers

DO letter was written by CS to Administrative Secretaries but no information for adverse entry/action against defaulting officers is available. It is matter of fact

that many projects have been delayed and activities not started in some cases. The matter of the fixing of responsibility is absent.

XXIII. Monthly ATRs by SESTFs

The DO letters were written by Chief Secretary to Deputy Commissioners for action against the violators but visible action not being taken by the SESTFs.

XXIV. Action taken for River bed mining

River bed mining should be scientific and the policy in this regard to be implemented. The monthly ATR for violations should be submitted by Mining & Geology Department every month.

(Action by Mining & Geology Department)

XXV. Disconnection of electricity connection and record of defaulting industries from GST Department.

HSPCB files prosecutions against the industries which are operating without CTE and are violating the environmental norms. This has to be established in courts that unit has operated in the past. The sample reports and photographs are the only evidence so far with the Board. But many times, sample report is not available. The operation of unit can be established with electricity consumption/ bills and the GST deposited by it. This record also provides the names of the owners i.e. accused in our case. The Regional Officers of HSPCB face difficulty in obtaining such record from the Field Offices of the Taxation Department and Electricity Department. In some cases, the Taxation Department has submitted reply after 4 years regarding Tax details.

It is worth to mention here that in matter of WP No. 375/2012, Parayaran Suraksha Samiti Vs UOI, Hon'ble Supreme Court has directed that Electricity Department is to comply with directions of State Board for disconnection of electricity.

Electricity Department and Taxation Department were requested to depute 1 Nodal Officer at Head Office to over come the difficulty. But, no response has been received from these departments so far.

(Action by DHBVN and Excise & Taxation Department)

XXVI. OA No. 562 of 2022 Ishika Vs Govt. of NCT of Delhi.

Grievances in this applications is against pollution of River Yamuna.

The Hon'ble NGT has directed vide its order dated 30.08.2022 in the above said case that the Chief Secretaries of Delhi, Haryana and UP are required to ascertain latest factual position and give their report by email within two months with explanation why coercive and penal measure be not taken in terms of fixing accountability for such blatant failure of the authorities in protecting the water quality of River Yamuna, which is tributary of Ganga, by preventing discharge of pollution. The reports of Chef Secretaries may be in a consolidated manner in the light of inter-department review and ground realities.

Delhi, Haryana and UP have to review the situation at higher levels and take remedial action. They may place factual status on progress made in the last

one year, whether the higher authorities are satisfied with the same, if not, further plan of action with timelines and fixing accountability, extent of sewage and trade effluent being still discharged. Based on these reports the Tribunal may have to fix accountability of concerned authorities and financial liability for compensation for damage to the environment.

All stakeholders are required to complete their works within time frame as per action plans submitted before NGT.

A DO letter was issued by Chief Secretary, Haryana to Administrative Secretaries on 04.01.2021 for fixing responsibility of erring officers.

Status of tapping of sewage in the catchment of river Ghaggar

Sr. No	Name of MC		Name of Location	Deptt.	Quantum of sewerage to be diverted (in MLD)	Timeline	Progress	Remarks
1	Pehowa	1	Near Pooja Colony, Back side of girl school	PHED	0.002	31.05.2022	In progress	IPS work completed. Sewer line and rising main connected to IPS, Machinery installation and electric connection pending likely to be commissioned upto 31.05.2022.
2		2	Near Mehant Dairy	PHED	0.003	31.05.2022	In progress	IPS work completed. Sewer line and rising main connected to IPS, Machinery installation and electric connection pending likely to be commissioned upto 31.05.2022.
3	Panchkula	1	Near old Panchkula left side NH-22	HSVP	4893 (during flood season only)		Not started	The said area belongs to HSVP
4		2	Near Railway washing centre Kalka	Railway	0.39	Dec, 20	Not started	It relates to Railway Department due to washing of Train Engine etc. The letter is written to Railway Department.
5		3	Bridge 17/18	HSVP	0.3	30.04.2022	In progress	The work will be completed by 30.04.2022.
6		4	sector-17	HSVP		30.04.2022	In progress	The work is in progress and will be completed by 30.04.2022.
7		5	Rajiv Indra colony	HSVP	0.4		Not started	The Rajiv Indra colony is illegal colony on HSVP land. So further action is to be taken by HSVP department. MC, Panchkula cannot take any action in this regard. (Transferred by ULBD)
8		6	Near Issar Nagar	Housing Board	0.5	Does not relates to HSVP	Not started	The area of Issar Nagar falls under Housing Board Colony. The action is to be taken by Housing Board, Haryana. (Transferred by HSVP)

Status of action for sources of pollution given by the Irrigation Department in the Catchment of River Ghaggar

• **Status of Action Plan**

NSTB-Not submitted time bound and NS-Not submitted

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
1	Himshikha Colony	PHED	Panchkula	Virat NagarDr.	Untreated/ waste water of virat Nagar residentail area		Not submitted (Transferred by Housing Board)	NS
2	Surajpur, BCW, Raipur	PHED	Panchkula	Surajpur Village BCW Raipur Area drain	Domestic water of Village Surajpur, BCW & Raipur		<p>Site has been visited & found that no sewerage system exists nearby and new sewerage system is to be provided by the PHED. (Transferred by ULBD)</p> <p>The Surajpur, BCW, Raipur is unapproved area and belongs to MC, Pinjore (Transferred by PHED)</p> <p>Site is Visited & found that the public health department is providing water supply in the said area but Public Health has not provided the sewerage system. No sewerage line or sewerage system or STP exists in these areas or in any nearby area where the waste water can be tapped. Further it is submitted that nowhere near these areas within any approachable limit any sewerage line or STP exists. Since the Public Health Department is providing water supply therefore sewerage system is to be provided by PHED further it is submitted that the name of this area/location also needs correction and it may be mentioned as Surajpur, BCW, Rajjipur instead of Surajpur, BCW, Raipur. (Transfer by ULBD)</p>	NS
3	Bir Ghaggar	PHED	Panchkula	BIR Ghaggar village drains Nallah	Domestic water of village BIR Ghaggar		<p>No sewerage network exists in this area. So further necessary action regarding laying of sewer network and treatment of waste water is to be taken by PHED. Hence this point may be transferred to PHED .(Transferred by ULBD)</p> <p>The Bir Ghaggar is unapproved area and belongs to MC, Pinjore (Transferred by PHED)</p> <p>Site is Visited & found that the public health department is providing water supply in the said area but Public Health has not provided the sewerage system. No sewerage line or sewerage system or STP exists in these areas or in any nearby area where the waste</p>	NS

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
							water can be tapped. Further it is submitted that nowhere near these areas within any approachable limit any sewerage line or STP exists. Since the Public Health Department is providing water supply therefore sewerage system is to be provided by PHED. (Transfer by ULBD)	
4	Chandi Mandir	PHED	Panchkula	Chandi Mandir village area drains	Domestic Water of village Chandi Mandir		No sewerage network exists in this area. So further necessary action regarding laying of sewer network and treatment of waste water is to be taken by PHED. Hence this point may be transferred to PHED .(Transferred by ULBD) The Bir Ghaggar is unapproved area and belongs to MC, Pinjore (Transferred by PHED) Site is Visited & found that the public health department is providing water supply in the said area but Public Health has not provided the sewerage system. No sewerage line or sewerage system or STP exists in these areas or in any nearby area where the waste water can be tapped. Further it is submitted that nowhere near these areas within any approachable limit any sewerage line or STP exists. Since the Public Health Department is providing water supply therefore sewerage system is to be provided by PHED. (Transfer by ULBD)	NS
5	Lower Kurari/ Upper Mohalla	PHED	Panchkula	Open Nallah lower kurari Upper Mohalla	Domestic water of lower kurari upper mohalla		The estimate of sewerage network of amounting Rs. 822.00 lacs is administratively approved in state sanitary board meeting held on 30.06.2021. The DNIT is under preparation is likely date of completion 30.06.2022.	NSTB
6	SILLA KHARA DRAIN FROM RD 0 TO 9700	PHED	kaithal	KAITHAL CITY	Chandana Gate		Work sanctioned	NSTB
7	VILLAGE KEORAK	PHED	kaithal	KAITHAL DRAIN	151800/L		The STP of 3 MLD based on SBR technology to treat the generated domestic sewer is under construction and the same will be completed by 31.07.2022	NSTB
8	Saraswati Nagar	PHED	Yamunana gar	Saraswati River	RD 17922	31.05.2022	The work of construction of 2.5 MLD STP is in progress and is likely to be completed by 31.05.2022. After completion ofthe work, these points will be tapped.	NSTB
9	Saraswati Nagar	PHED	Yamunana gar	Saraswati River	RD 19297	31.05.2022	The work of construction of 2.5 MLD STP is in progress and is likely to be completed by 31.05.2022. After completion ofthe work, these points will be tapped.	NSTB
10	Saraswati Nagar	PHED	Yamunana gar	Saraswati River	RD 22872	31.05.2022	The work of construction of 2.5 MLD STP is in progress and is likely to be completed by 31.05.2022. After completion ofthe work, these points will be tapped.	NSTB

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
11	Saraswati Nagar	PHED	Yamunana gar	Saraswati River	RD 22872	31.05.2022	The work of construction of 2.5 MLD STP is in progress and is likely to be completed by 31.05.2022. After completion of the work, these points will be tapped.	NSTB
12	OLD MANAS LINK DRAIN FROM rd 0 TO 18500	D&P	kaithal	VILLAGE MANAS		30.06.2022	80% work completed	NSTB
13	GADLA DERA KAITHAL	D&P	kaithal	KAITHAL DRAIN	121000/L	30.06.2022	In Progress	NSTB
14	VILLAGE UJHANA	D&P	kaithal	KAITHAL DRAIN	142i500/R	30.06.2022	In progress	NSTB
15	VILLAGE JAGDISHPU RA	D&P	kaithal	KAITHAL DRAIN	138000/l	30.06.2022	Waste water diverted by GP	NSTB
16	VILLAGE SIRTA	D&P	kaithal	MAGOMAG RI DRAIN	15750/L .	30.06.2022	55% work completed	NSTB
17	VILLAGE MANAS	D&P	kaithal	MANAS DRAIN	18500/L	30.06.2022	80% work completed	NSTB
18	ABADI OF VILLAGE GEONG	D&P	kaithal	GEONG LINK DR.	34000-32000		Work has been completed but connection has been disconnected/broken by villagers (to be repair soon).	NSTB
19	TITRAM	D&P	kaithal	TITRAM LINK DRAIN	7200	30.06.2022	70% work completed	NSTB
20	KAKOUT	D&P	kaithal	PUNDRI LINK DRAIN	9750	30.06.2022	in progress	NSTB
21	SEGA	D&P	kaithal	PEOD LINK DRAIN	23830	30.06.2022	60% work completed	NSTB
22	SAKRA	D&P	kaithal	PUNDRI DRAIN NO 1.	73300-L	30.06.2022	80% work completed	NSTB
23	TEONTHA	D&P	kaithal	PUNDRI DRAIN NO 1.	49000-L	30.06.2022	50% work completed	NSTB

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
24	VILLAGE LALPUR	D&P	kaithal	OLD GHAGGAR CREAK	23000/L	30.06.2022	90% work completed	NSTB
25	VILLAGE BUBAKPUR	D&P	kaithal	OLD GHAGGAR CREAK	28000/L	30.06.2022	90% work completed	NSTB
26	VILLAGE NANDGARH	D&P	kaithal	OLD GHAGGAR CREAK	32600/L	30.06.2022	90% work completed	NSTB
27	SOTHA	D&P	Kaithal	SARASAVATI DRAIN	23300 R/ SIDE	30.06.2022	70% work completed	NSTB
28	Village talwari	D&P	Fatehabad	Domestic waste water Vill. talwari	Near Village talwari Ghaggar River	02.06.2022	Work in progress (already in action plan of 43 works of Ghaggar)	NSTB
29	KHERI MARKANDA	D&P	Kurukshetra	SARASAVATI NADI	227000 R/S		Proposal of STP under process by PHED	NSTB
30	Panchkula	HSVP	Panchkula	rajiv-Indira colony rainy Nallah	Domestic water		The Rajiv Indira colony is illegal colony on HSVP land. So further action is to be taken by HSVP department. MC, Panchkula cannot take any action in this regard. (Transferred by HSVP)	NS
31	Panchkula	HSVP	Panchkula	rajiv-Indira colony rainy Nallah	Domestic water of Rajiv Colony		The Rajiv Indira colony is illegal colony on HSVP land. So further action is to be taken by HSVP department. MC, Panchkula cannot take any action in this regard. (Transferred by HSVP)	NS
32	Panchkula	HSVP	Panchkula	rajiv-Indira colony rainy Nallah	Domestic water of Rajiv Colony		The Rajiv Indira colony is illegal colony on HSVP land. So further action is to be taken by HSVP department. MC, Panchkula cannot take any action in this regard. (Transferred by HSVP)	NS
33	Panchkula	HSVP	Panchkula	rajiv-Indira colony rainy Nallah	Bhudhanpur Village		The Rajiv Indira colony is illegal colony on HSVP land. So further action is to be taken by HSVP department. MC, Panchkula cannot take any action in this regard. (Transferred by HSVP)	NS
34	Panchkula	HSVP	Panchkula	Rajiv-Indira Colony Rainy Nallah	Sector-17, Panchkula		80% work has been completed at site. Balance work is in progress and is likely to be completed by 31.05.2022.	NSTB
35	Nanhra	ULB	Ambala	Cunette	0		It is submitted that total 15 km Sewer line is to be laid in village Nanhera under AMRUT.	NSTB

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
				Drain			As agency is failed to execute work at site, Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurement is in progress. After final measurement, the tender is to be called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 cross road STP. So the timelines can only be given after allotment of new tender.	
36	Nanhra	ULB	Ambala	Mahesh Nagar Drain	0		It is submitted that total 15 km Sewer line is to be laid in village Mahesh under AMRUT. As agency is failed to execute work at site, Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurement is in progress. After final measurement, the tender is to be called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 cross road STP. So the timelines can only be given after allotment of new tender.	NSTB
37	Soor (PIG)Mandi	ULB	Ambala	Hathikhana Drain	2000		It is submitted that total 10 km Sewer line is to be laid at Hathi khana Mandir & near by areas under AMRUT. In this regard, The contractual Agency is failed to execute work at site, Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurement is in progress. After final measurement, the tender is to be called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 cross road STP.	NSTB
38	B.D Flour Mill Ambala Cantt.	ULB	Ambala	M.C Drain	4000		It is submitted that total 15 km Swer line is to be laid under AMRUT, till date 12 km has already been installed & balance will be done at earliest. but due to non- execute work at site by agency. Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurement is in progress. After final measurement, the tender is to be called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 cross road STP. So the timelines can only be given after allotment of new tender.	NSTB
39	Shivpuri colony amabala Cantt	ULB	Ambala	M.C Drain	6000		It is submitted that total 15 km Swer line is to be laid under AMRUT, till date 12 km has already been installed & balance will be done at earliest. but due to non- execute work at site by agency. Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurement is in progress. After final measurement, the tender is to be	NSTB

Sr. No.	Name of town/ city	Deptt name by Irrigation	District Name	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NSTB, NS, NR & C
							called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 cross road STP. So the timelines can only be given after allotment of new tender.	
40	AMBALA CANT	ULB	Ambala	LINK DRAIN (2585 FT., 200 CS.)	UPSTREAM RD 26000 OF MAHESH NAGAR DRAIN		It is submitted that total 30 km sewer line is to be laid under AMRUT. Till date 25 km line has already laid but now agency is failed to execute work at site, Therefore this office has confirm the action under clause-2 & 3(c) against contractual agency vide this office memo no. XEN/2022/1556 dated 18.04.2022. Now, the final measurment is in progress. After final measurement, the tender is to be called on risk and cost of the agency and award the work of laying of sewer line, the waste water is to be diverted to 12 MLD 12 Khudda Khurd STP. So the timelines can only be given after allotment of new tender.	NSTB
41	Jattan walla Nallah	H.P. State	Ambala					NS
42	PIPLI ZOO	Forest Deptt.	Kurukshetra	SARASAVATI NADI	206900L/S		Relates to Forest Department (transferred by D&P)	NS
43	Panchkula	UT CHD	Panchkula	Manimajra, Choe	SWD NAC Manimajra		This discharge is not from HSVP area but from area of Chandigarh (UT). Action in the matter is to be taken by the Chandigarh Administration. Point needs to be dropped from HSVP.	NS
44	Panchkula	UT CHD	Panchkula	MDC Drain of Panchkula entering Sukhna Nallah	-		At this point waste water is flowing into this drain from Chandigarh area hence necessary action in this regards is to be taken up by MC, Chandigarh.	NS

Status of action for sources of pollution given by the Irrigation Department in the Catchment of River Yamuna

• **Status of Action Plan**

NSTB-Not submitted time bound and NS-Not submitted

Sr. No	Name of town/city	Point of pouring effluent	Deptt Name by Irrigation	Name of Drain	Source of untreated effluent	Target date of completion	Latest status of action plan	Status of action plan S, NS, NSTB, NR & C
1	Bahadurgarh Region (Including Rohtak & Jhajjar)		PHED	Baghpur linked Drain	Beri_oxidation pond_PHED	30.04.2022	Sewer line 8720 m as per action plan has been completed and work of screening chamber and construction of STP is in progress and will be completed by 30.04.2022	NSTB
2	Sonipat	35750/R	Haryana Roadways	Main Drain No.6	Haryana Roadways		Written letter to concerned deptt. so many times but no action has been taken till date.	NS
3	Sonipat	35880/R	Haryana Roadways	Main Drain No.6	Haryana Roadways		Written letter to concerned deptt. so many times but no action has been taken till date.	NS
4	Sonipat	36380/R	Haryana Roadways	Main Drain No.6	Haryana Roadways		Written letter to concerned deptt. so many times but no action has been taken till date.	NS

Annexure-3

Status of Action Plan regarding achievement of Faecal Coliform standards by STPs in Yamuna Catchment

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
1	Yamuna Nagar	Yamuna Nagar	PHED	25	31.12.2020	Achieved
2	Yamuna Nagar	Radur Road, Yamuna Nagar	PHED	20	30.04.2022	Achieved
3	Yamuna Nagar	Yamuna Nagar	PHED	10	target date not given	Achieved
4	Yamuna Nagar	Parwaloo, Jagadhri	PHED	24	31.12.2020	Achieved
5	Yamuna Nagar	Chhachhrauli	PHED	3	31.12.2020	Achieved
6	Yamuna Nagar	Radaur	PHED	3.5	30.04.2022	Achieved
7	Yamuna Nagar	Baddimajra, Yamuna Nagar	PHED	10	30.06.2022	Achieved
8	Karnal	Gharaunda	PHED	7	31.12.2020	Achieved
9	Karnal	Indri	PHED	4	30.06.2022	Achieved
10	Karnal	Nilokheri	PHED	6	31.12.2020	Achieved
11	Karnal	Nissing	PHED	4	31.12.2020	Achieved
12	Karnal	Tarori	PHED	5.5	31.12.2020	Not Achieved
13	Panipat	Sewah, Panipat	PHED	35	31.12.2023 (Handed over to ULBD on 22.02.2022. It was decided in CS meeting that upgradation work will be done by PHED)	Not Achieved
14	Panipat	Jattal Road, Panipat	PHED	10	31.12.2020	Achieved
15	Panipat	Samalkha	PHED	5	31.12.2023	Not Achieved
16	Panipat	Sewah, Panipat	PHED	25	31.12.2020 (Handed over to ULBD on 22.02.2022)	Achieved
17	Panipat	Jattal Road, Panipat	PHED	20	31.12.2020	Achieved
18	Sonepat	Kharkhoda	PHED	4.5	31.12.2023	Not Achieved
19	Sonepat	Ganaur	PHED	7	31.12.2023	Not Achieved
20	Sonepat	Gohana	PHED	3	30.06.2023	Not Achieved
21	Sonepat	Gohana	PHED	8.3	30.06.2023	Not Achieved
22	Jhajjar	Kosli Road, Jhajjar	PHED	5.5	31.12.2023	Not Achieved
23	Jhajjar	Sampla Road, Jhajjar	PHED	5	31.12.2023	Not Achieved
24	Jhajjar	Beri	PHED	2	30.06.2022	Not Achieved
25	Jhajjar	Bahadurgarh	PHED	18	30.06.2022	Not Achieved
26	Jhajjar	Bahadurgarh	PHED	36	31.12.2020	Achieved
27	Rohtak	PGI Rohtak	PHED	19.5	31.12.2020	Achieved
28	Rohtak	Sonaria, Rohtak	PHED/ULB	40	31.12.2022	Not Achieved
29	Rohtak	Kalanaur	PHED	3.5	31.03.2023	Not Achieved
30	Rohtak	Meham	PHED	5	30.06.2023	Not Achieved
31	Rohtak	Singhpura, Rohtak	PHED	10	31.03.2021 (Relates to ULBD)	Not Achieved

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
32	Rohtak	Singhpura, Rohtak	PHED	14	31.12.2020	Achieved
33	Rohtak	Sampla	PHED	4	31.03.2023	Not Achieved
34	Nuh	Taoru	PHED	4.5	31.12.2023	Not Achieved
35	Nuh	Punhana	PHED	4.5	31.03.2024	Not Achieved
36	Nuh	Nuh	PHED	3.6	31.12.2023	Not Achieved
37	Nuh	Ferozepur Jhirka	PHED	5	31.03.2024	Not Achieved
38	Palwal	Hassanpur	PHED	3	30.04.2022	Not Achieved
39	Palwal	Hathin	PHED	4.5	31.12.2023	Not Achieved
40	Palwal	Hodal	PHED	9	31.12.2023	Not Achieved
41	Palwal	Palwal	PHED	9	30.09.2022	Not Achieved
42	Kurukshetra	Indri Road, Ladwa	PHED	7	31.12.2020	Not Achieved
				452.4		
	HSVP					
1	Panipat	Sec-19, Panipat	HSVP	30	30.06.2021	Achieved
2	Panipat	Sec-6, Panipat	HSVP	0.8	30.06.2021	Achieved
3	Sonepat	Rajiv Gandhi Edu. City, Phase-I, Sonepat	HSVP	7.5	30.06.2021	Achieved
4	Jhajjar	Sec-36, Bahadurgarh	HSVP	10	30.06.2021	Achieved
5	Rohtak	Sec-25, Rohtak	HSVP	10	30.06.2021	Not Achieved
6	Faridabad	Faridabad	HSVP	7.5	target date not given	Achieved
	Total			65.8		
	GMDA					
1	Gurgaon	Dhanwapur, Gurgaon	GMDA	68	31.03.2021	Achieved
2	Gurgaon	Dhanwapur, Gurgaon	GMDA	100	31.12.2022	Not Achieved
3	Gurgaon	Behrampur	GMDA	50	31.03.2021	Achieved
4	Gurgaon	Behrampur, Gurgaon	GMDA	120	31.12.2022	Not Achieved
5	Gurgaon	Gurgaon	GMDA	50	31.03.2021	Achieved
	Total			388		
	ULBD					
1	Faridabad	Badshahpur, Faridabad	ULB	45	30.06.2023	Not Achieved
2	Karnal	Transport Nagar, Karnal	ULB	50		Not Achieved
3	Karnal	Gogharipur Road, karnal	ULB	10		Achieved
4	Karnal	RK Puram, Karnal	ULB	8		Achieved
5	Sonepat	Rathdana Road, Sonepat	ULB	30		Achieved
6	Sonepat	Kakroi Road, Sonepat	ULB	25		Achieved
	Total			168		

Status of Action Plan regarding achievement of Faecal Coliform standards by STPs in Ghaggar Catchment

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
1	Ambala	Naya Gaon, Unit-I, Ambala City	PHED	3	31.12.2023	Not Achieved
2	Ambala	Naya gaon, Unit-II, Ambala City	PHED	3.25	31.12.2023	Not Achieved
3	Ambala	Baldev Nagar, Unit-I, Ambala City	PHED	5	31.01.2024	Not Achieved
4	Ambala	Baldev Nagar, Unit-II, Ambala City	PHED	3.25	31.12.2023	Not Achieved
5	Ambala	Moti Nagar, Unit-I, Ambala City	PHED	5	31.12.2023	Not Achieved
6	Ambala	Moti Nagar, Unit-II, Ambala City	PHED	5	31.12.2023	Not Achieved
7	Ambala	Modal Town, Ambala City	PHED	6	31.12.2023	Not Achieved
8	Ambala	Nasirpur, Ambala City	PHED	3.25	31.01.2024	Not Achieved
9	Ambala	Sadopur	PHED	0.25	31.12.2020	Achieved
10	Ambala	Devi Nagar, Ambala City	PHED	3	31.01.2024	Not Achieved
11	Ambala	Naraingarh	PHED	3	31.03.2024	Not Achieved
12	Kurukshetra	Modal Town, Pehowa	PHED	8	31.03.2024	Not Achieved
13	Kurukshetra	Ladwa Road, Shahbad	PHED	11.5	31.12.2020	Achieved
14	Kurukshetra	Thanesar	PHED	25	31.12.2020	Achieved
15	Panchkula	Kalka	PHED	4.5	31.12.2023	Not Achieved
16	Panchkula	Kalka	PHED	0.25	30.04.2022	Not Achieved
17	Panchkula	Nalagarh Road, Pinjore	PHED	5	31.12.2020	Achieved
18	Jind	Hansi Road, Jind	PHED	15	31.05.2022	Not Achieved
19	Jind	Narwana Road, Jind	PHED	5	31.12.2022	Not Achieved
20	Jind	Jind	PHED	7	31.12.2020	Not Achieved
21	Jind	Patiala Road, Narwana	PHED	3.5	31.12.2022	Not Achieved
22	Jind	dharodi Road Narwana	PHED	3.75	31.12.2022	Not Achieved
23	Jind	Narwana	PHED	2	31.12.2022	Not Achieved
24	Jind	Near Railway, Uchana	PHED	2	30.06.2022	Not Achieved
25	Jind	Bhangra Road, Uchana	PHED	1.5	30.06.2022	Not Achieved
26	Jind	Safidon	PHED	9	31.12.2020	Achieved
27	Kaithal	Cheeka	PHED	10	31.12.2020	Achieved
28	Kaithal	Jind Road, Kaithal	PHED	10	31.12.2020	Achieved
29	Kaithal	Manas Road, Kaithal	PHED	10	31.12.2020	Achieved
30	Kaithal	Manas Road, Kaithal	PHED	10	31.03.2021	Achieved
31	Kaithal	Kalayath	PHED	5	31.12.2020	Not Achieved
32	Kaithal	Pundri	PHED	3.5	31.03.2021	Achieved
33	Hisar	Azad Nagar, Rajgarh Road Hisar	PHED	15	31.12.2020	Achieved
34	Hisar	Rishi Nagar, Hisar	PHED	40	31.12.2020	Achieved
35	Hisar	Kaimri road, Hisar	PHED	4	31.05.2022	Not Achieved
36	Hisar	Narnaund	PHED	4	31.12.2022	Achieved
37	Sirsa	Chautala Road,	PHED	16.5	31.12.2020	Achieved

Sr. No.	Name of the district	Name of the town/city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
		Dabwali				
38	Sirsa	Shamsabad patti, Kalania Road, Sirsa	PHED	15	31.3.2021	Achieved
39	Sirsa	Kelnia	PHED	20	31.12.2020	Achieved
40	Sirsa	Vill. Nattar 1, Sirsa	PHED	5	31.03.2024	Not Achieved
41	Sirsa	Vill. Nattar 2, Sirsa	PHED	5	31.03.2024	Not Achieved
42	Sirsa	Daddu Road, Kalanwali	PHED	9.5	31.12.2020	Achieved
43	Sirsa	Ellenabad	PHED	7.5	31.03.2021	Achieved
44	Sirsa	Jevan Nagar, Rania	PHED	6	31.12.2020	Achieved
45	Fatehabad	Vill. Bhodia Khera, Bhattu Road, Fatehabad	PHED	10	31.05.2022	Achieved
46	Fatehabad	Vill. Amani, Tohana, Distt. Fatehabad	PHED	10	31.05.2022	Achieved
47	Fatehabad	Lali Road, Ratia	PHED	6.5	31.03.2021	Achieved
48	Fatehabad	Fatehabad	PHED	5	31.12.2020	Achieved
49	Fatehabad	Jakhal Mandi	PHED	3	31.12.2020	Achieved
50	Fatehabad	Bhuna	PHED	8		Achieved
	Total			381.5		
	HSVP					
1	Ambala	Sec-7, Urban Estate, Ambala City	HSVP	2	30.06.2021	Achieved
2	Ambala	Ambala	HSVP	5		Achieved
3	Kurukshetra	Sec-6, Urban Estate, Thanesar	HSVP	15	30.06.2021	Achieved
4	Panchkula	Sec-20, Panchkula	HSVP	18	30.06.2021	Not Achieved
5	Panchkula	Sec-20, Panchkula	HSVP	39	30.06.2021	Achieved
6	Panchkula	Sec-28, Panchkula	HSVP	15	30.06.2021	Achieved
7	Jind	Jind	HSVP	10	30.06.2021	Achieved
8	Kaithal	Kaithal	HSVP	7.5	30.06.2021	Not Achieved
9	Hisar	Dabara Tosham Road, Hisar	HSVP	15	30.06.2021	Achieved
10	Fatehabad	Village Majra	HSVP	10	30.06.2021	Achieved
	Total			136.5		
	ULBD					
1	Hisar	Dabra, Hisar	ULBD	8		Achieved
	Garrison Engineer					
1	Panchkula	Garrison Engineer, Chandimandir	GE	9	31.03.2020	Achieved

Status of Action Plan regarding achievement of Faecal Coliform standards by STPs in Other Catchment

Sr. No.	Name of the district	Name of the town/city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
1	Gurgaon	Sohna	PHED	6	30.06.2022	Not achieved
2	Gurgaon	Pataudi	PHED	4.5	31.12.2022	Not achieved
3	Gurgaon	Farrukhnagar	PHED	3	31.12.2020	Achieved
4	Gurgaon	Haily Mandi	PHED	5.5	31.12.2020	Not achieved
5	Jind	Julana	PHED	4	31.03.2024	Not achieved
6	Bhiwani	Dhana Road, Bhiwani	PHED	10	31.12.2023	Not achieved
7	Bhiwani	Bhiwani	PHED	10	31.12.2023	Not achieved
8	Bhiwani	Bhiwani	PHED	15	31.12.2020	Achieved

Sr. No.	Name of the district	Name of the town/ city	Deptt.	Existing STP and Capacity (MLD)	Likely date of achieving FC standards	Status
9	Bhiwani	Bhiwani	PHED	15	31.12.2020	Achieved
10	Bhiwani	Charkhi Dadri	PHED	5	31.12.2024	Not achieved
11	Bhiwani	Charkhi Dadri	PHED	5	31.12.2024	Not achieved
12	Bhiwani	Bawani Khera	PHED	4.5	31.12.2023	Not achieved
13	Bhiwani	Loharu	PHED	3.5	31.12.2023	Not achieved
14	Bhiwani	Tosham	PHED	3	31.03.2021	Achieved
15	Bhiwani	Siwani	PHED	4	31.12.2023	Not achieved
16	Mohindergarh	Mohindergarh	PHED	6.5		Achieved
17	Mohindergarh	Ateli Mandi	PHED	2	30.06.2022	Achieved
18	Mohindergarh	Kanina	PHED	3	30.06.2022	Achieved
19	Mohindergarh	Rewari Road, Narnaul	PHED	7.5	30.09.2022	Not achieved
20	Rewari	Bawal	PHED	3	31.12.2023	Not achieved
21	Rewari	Rewari	PHED	6.5	31.12.2023	Not achieved
22	Rewari	Rewari	PHED	8	31.12.2023	Not achieved
23	Rewari	Rewari	PHED	16	31.12.2023	Not achieved
24	Rewari	Dharuhera	PHED	9.5	31.05.2022	Not achieved
25	Rewari	Kosli	PHED	3	31.12.2023	Not achieved
26	Ambala	Barara	PHED	4	31.12.2020	Achieved
27	Karnal	Assandh	PHED	5	31.03.2021	Achieved
28	Hisar	Hansi	PHED	6.5	31.12.2023	Achieved
29	Hisar	Dhani Gram, Barwala	PHED	6	31.03.2024	Not achieved
30	Hisar	Uklana	PHED	6.5	31.12.2023	Achieved
31	Hisar	Dhani Kushal, Bhiwani Road, Hansi	PHED	5	31.12.2023	Not achieved
32	Hisar	Lalpura- Jind Road, Hansi	PHED	7.5	31.12.2023	Not achieved
	Total			203.5		
	HSVP					
1	Bhiwani	Bhiwani	HSVP	10	30.06.2021	Achieved
2	Rewari	Dharuhera	HSVP	5	30.06.2021	Not achieved
	Total			15		
	MC					
1	Rewari Road, Narnaul	Dharuhera	MC	6	30.09.2022	Not achieved To be transferred to PHED. Currently, non functional.

Annexure-4

Status of treatment system/STPs in villages along River Yamuna

Sr. No.	District	Name of Work	Deptt.	Population	Quantum of flow (in MLD)	Name of Village	Name of Block	Timelines	progress	Remarks
D&P (Timelines expired)										
1	Sonepat	Wetland project	D&P	1160	0.020	Chinoli	Kharkhoda	31.07.2022	75%	Work start departmentally and in progress.
PHED (Not submitted action plan and target date)										
2	Panipat	Under village Siwah Sewage treatment Plant (STP)	PHED/ D&P		1	Nangel Kheri	Panipat		0%	Village Nangel Kheri is a gram panchayat and the treatment facility to be provided is under Panchayat/Public Health Deptt. (Transferred by ULBD)

Status of treatment system/STPs in villages along River Ghaggar

Sr. No.	District	Name of Work	Deptt.	Population	Quantum of Flow (in MLD)	Name of Village	Name of Block	Timelines	Progress	Remarks
D&P (timelines expired)										
1	Kaithal	Const. of LWM Project	D&P	1434	0.300	Jagdishpura	Kaithal	31.08.2022	65%	Work is in progress