



HSPCB

HARYANA STATE POLLUTION CONTROL BOARD
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No. HSPCB/WC /8674

Dated:- 21-08-2019

To

The Chairman
Executive Committee,
Tower No.5 fourth floor Forest Complex,
Sector, 68 SAS Mohali

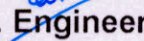
Sub: Quarterly report (April- June 2019) for Ghaggar Action Plan in the matter of OA No. 138 of 2016 titled as " Stench Grips Mansa's Sacred Ghaggar River.

Sir,

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the copy of Quarterly report April- June 2019 for Ghaggar Action Plan in the matter of OA No. 138 of 2016 titled as " Stench Grips Mansa's Sacred Ghaggar River.

DA/ As above

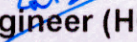

Env. Engineer (HQ)
For Member Secretary

Endst No. HSPCB/WC /8675

Dated:- 21-08-2019

A copy of the above is forward to the Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-32 for information please.

DA/ As above


Env. Engineer (HQ)
For Member Secretary

Action Taken Report of Haryana till June, 2019 in matter of OA No. 138 of 2016- Stench Grips Mansa's Sacred River Ghaggar and OA No. 673 of 2018 "More River Stretches are critically now polluted: CPCB", reg. Ghaggar action plan.

The State of Haryana has already submitted Action Plan for control of pollution in River Ghaggar before Hon'ble NGT. The progress of the action plan is being reviewed every month by the river Rejuvenation Committee every month. The cumulative action taken report for the month of January to June, 2019 is summarised in the following paras. Each heading has to parts i.e. A and B. The action already completed have been given in part-A and the action pending or not taken so far have been mentioned in part-B of each heading.

1. Identification of points for untreated discharge.

A. The Irrigation Department identified all the subdrains joining main drains. These main drains are discharging into River Ghaggar. The Latitude/longitude of the points have been given.

B. ROs were already directed in the last meeting to get the quantum of effluent assessed corresponding to various deptt./ agencies at each point given by the Irrigation Department and the quantum of effluent along with the name of responsible department should also be informed. The Irrigation Department was also requested to direct the officers to complete the exercise. So, that the matter could be taken up with the respective HODs of the concerned Departments. It was also recommended that the District Task Forces may link it with the plan prepared for each source and if any point is missing then the plan be prepared. But no report received from ROs.

(Relates to Irrigation Department and HSPCB)

2. Flow of rivers

A. The monthly flow of drains joining river is being measured. The directions have been issued the Irrigation Department to give the monthly flow for river Ghaggar. The locations of drains meeting to rivers, from where the flow is desired have been sent to the Irrigation Deptt. The report for monthly flow for river Ghaggar for the month of June, 2019 is received from Irrigation Department. The CPCB has directed to add the point regarding e-flow in the Action Plan for River Ghagar. The report on e-flow for River Ghaggar is required from Irrigation Department.

(Relates to Irrigation Department)

3. Provisions for measurement of flows in all the drain

A. Presently the flow in all the drains/rivers is being measured manually.

B. Permanent flow monitoring stations in all the drains before it outfalls into the river Ghaggar or its tributaries in all the State are to be installed to know the contribution of discharge into the River Ghaggar or its tributaries and record shall be maintained by the concerned department in order to evolve further strategies if required.

(Relates to Irrigation Deptt.)

4. Dredging & de-silting/ uncovering of drains in the cities.

A. Action plan has been submitted by Irrigation Department, GMDA and ULBD on this issue.

B. The departments of Irrigation, ULB have given the Action Plans for de-silting of drain but the monthly progress reports are not submitted. The Officers of departments of Irrigation, GMDA and ULBD were advised to submit the same by 5th of every month. The Solid Waste is seen dumped in many drains, for which concerned Deptt. have to taken preventative and punitive action. The Department was asked to submit ATR in this regard.

(Relates to Irrigation Department and ULBD)

5. Laying of Sewerage in Approved Colonies

A. The monthly action plan for laying of sewerage has already been submitted to Hon'ble NGT for towns of Ambala City, Ambala Sadar, Naraingarh, Kalka, Pinjore, Barwala, Uklana, Jind, Safidon, Uchana, Cheeka, Kaithal, Pundri, Shahbad, Kurukshetra, Ellananabad, Fatehabad, Kalanwali, Mandi Dabwali, Rania, Raita, Sirsa, Tohana, Hisar. The monthly target for June, 2019 has been achieved for Safidon,. The work of laying of sewerage is completed in Narnaund, Cheeka, Pundri, Ellanabad, Fatehabad and Tohana. The length of sewer line laid is more than targeted length for Ambala city, Ambala sadar, Jind, Raita and Sirsa.

B. The monthly plan has not been received for laying of sewerage in Kalka and kaithal from PHED town. The monthly progress report for the Barwala town is not received. There is delay in work executed in Uchana, Shahbad and Kurukshetra. The work has not been started at Kalka and Hisar. The time period of the plan is upto 31.03.2021. But the PHED has extended the target date upto 31.06.2021. The target date cannot be extended and needs to fixed upto 31.03.2021 as already proposed.

The work should be executed on priority in the areas where there is actual release of sewerage and the effluent from such areas needs to be tapped first and diverted to exiting sewers. The estimated cost of the project is not submitted for Kalka, Barwala, Uklana, Kaithal(PHED) and the monthly progress report regarding the utilization of funds have not been submitted Kalka, Barwala, Uklana, Kaithal(PHED) and Hisar.

(Relates to ULBD & PHED)

6. Tapping of Sewage of unapproved colonies to existing sewers.

A. The action plan has already been submitted to Hon'ble NGT and the Progress is as under:-

Progress regarding tapping of sewage into nearest sewage network in Ghaggar Catchment (upto June, 2019)

Sr. No.	Name of city MC	No. of location	Quantum of effluent to be diverted MLD	No. of location work completed	Quantum diverted	No of location where diversion under progress	No. of location delayed	No. of location work not started
1	Pehowa	6	0.012	0	0	0	6	0
2	Ambala	12	30.81	0	0	2	0	10
3	Barwala	5	1.33	0	0	0	0	5
4	Cheeka	2	0.6	1	0.4	0	1	0
5	Kaithal	2	3.45	0	0	0	0	2
6	Panchkula	44	49.82	0	0	0	0	44
7	Hisar	9	64.5	0	0	6	0	3
8	Kalayath	4	1.12	0	0	4	0	0
9	Uklana Mandi	3	0.155	0	0	0	0	3
10	Thanesar	5	10	0	0	3	0	2
		92	161.797	1	0.4	15	7	69

B. ULBD has intimated that they have updated the list of locations/ points for tapping of sewage of unapproved colonies of towns in the catchment of River Ghaggar. ULBD was further directed to ensure that all such points have been included in the Action Plan. Further, the monthly progress is desired from ULBD along with the quantum of sewage diverted and connected to existing sewer urgently. Further, tapping of sewage should not be misunderstood with laying of sewers. The tapping is temporary measure and such points should be completed within 3-6 months.

(Relates to ULBD)

7. Action Plan for STPs

A. The monthly target of progress for the construction of STPs at Barara, Ambala and Jind has been achieved. Work has been completed at Thanesar and Hansi. The work of construction of STPs at Toka, Nangal and Kurukshetra have been executed more than the monthly targets as per the action plan upto June, 2019.

Sr. No.	Name of Department	No. of STPs under construction	Capacity(in MLD)
1	PHED	4	42.5
2	ULBD	11	38.5
3	HSVP	2	20
	Total		

B. The monthly plan has not been received for under construction STPs of Billa and Suketri. The fund details regarding construction of STPs/ laying of sewerage is required. STP construction work not started at Billa (0.75 MLD), Kangowala (1 MLD), and Suketri (1.5MLD). The work of construction of STPs is delayed in the STPs of ULBD at Khatoli, Kot, Sukhdarshanpur, 12 Cross road Ambala, Khuda Khurd and Hisar.

The details regarding the estimated cost for construction of STPs is not provided for STPs to be constructed at Ambala and Kurukshetra by HSVP. The monthly progress regarding the utilization of funds for construction of STPs is required for STPs to be constructed at Ambala and Kurukshetra.

(Relates to PHED, ULBD and HSVP)

8. Untreated effluent during maintenance/ break down in working of STPs

A. No progress report so far.

B. Executive Committee has flagged an issue that sewage is being by passed during maintenance/ breakdown of STPs and therefore, there should be provisions/ arrangements so that effluent is not bypassed at any time. Officers of ULBD/ PHED were directed to submit the reports after conducting inspection within 15 days in the previous meeting. The plan for un-interrupted operation of STPs during maintenance be given by ULBD/ PHED.

(Relates to ULBD/ PHED)

9. Agriculture Practices

A. No progress report so far.

B. It was decided in the meetings of the River Rejuvenation Committee that Agriculture and Horticulture Departments have to frame a comprehensive plan for crop diversification and water conserving practices in Agriculture. The outcome of which could be seen on monthly/quarterly basis. The comprehensive plan is required from Agriculture Deptt. and Horticulture Department.

Relates to Agriculture Deptt. and Horticulture Department)

10. Disposal of sewage through tankers

A. The disposal of sewage is being done in Hisar, Tohana, Jakhal Mandi, Pehowa, Ambala, Cheeka, Dhabwali, Kaithal, Shahbad, Panchkula, Kalayat, Fatehabad and Thanesar.

B. No report regarding the Monitoring mechanism of the vehicles is provided by ULBD.

(Relates to ULBD)

11. Organizing Health Camps

A. Report of health camp organized in the month of June, 2019 is as under:-

Sr. No.	Name of Task Force	No. of Health Camp	Remarks
1.	Panchkula	1	April – Not submitted. May - Not submitted. June - 83 Patients at vill. Patan examined.
2	Ambala	2	April – Not submitted. May - Not submitted. June -77 Patients at vill. Niharsi, 150 Patients at vill. Addomajra examined.
3.	Kurukshetra	0	April – Not submitted. May - Not submitted. June - Not submitted
4.	Jind	0	April – Not submitted. May - Not submitted. June - Not submitted.
5.	Kaithal	16	April – Not submitted. May - 49 patients examined at village Kakeri, 38 patients examined at village Kuchia Dera, 42 patients examined at village Kangthali, 27 patients examined at village Harnola, 21 Patients examined at village Sair. June -61 patients at vill. Sira, 78 patients at vill. Manas, 34 patients at vill. Maghomajri, 65 patients at vill. Khanpur, 61 patients at vill. Kutubpur, 17 patients at vill. Patrala, 14 patients at vill. Dandota, 22 patients at vill. Jodwa, 12 patients at vill. Chandigarh Plant, 32 patients at vill. Lalpur, 30 Patients examined at village Hemumajra.
6.	Fatehabad	7	April - 176 patients examined at Village Talwari, May - 70 patients examined at Village Luthera, 58 patients examined at Village Kaka Singh Dhani. 112 patients examined at Village Babbanpur 41 patients examined at Village Kamana

			June- 43 patients at Vill. Plot Buta Ram, 54 patients examined at Village Babanpur Dhani.
7.	Hisar	0	April – Not submitted. May- Not submitted. June- Not submitted.
8.	Sirsa	3	April – Not submitted. May- 126 patients examined at village Ottu. June- 33 patients at Vill. Chakbani, 51 patients examined at village Saharni.
	Total	29	

B. The photographs for each camp are also not submitted. The Health Department has been forwarding the reports of District Level Officers to HSPCB and they are not desired. The compiled report is sent to HSPCB. The health study is pending.

(Relates to Health Department)

12. Treatment of sewage in villages.

A. The villages have been found discharging into drains leading to River Ghaggar. The Panchayat Department has submitted the plan for some of the villages and the same is not adequate at this stage as all of them are at estimation stage. The construction work is not started.

B. The monthly Action Plan is required from Panchayat Department for execution of the work. The survey work should be completed immediately and complete Action Plan including monthly targets for all the villages along with the fund details is required.

(Relates to Panchayat Department)

13. ISWM

A. There are 7 clusters in catchment of river Ghaggar. Action plan for all the clusters has been submitted to Hon'ble NGT.

B. The work for clusters at Panchkula, Fatehabad, Sirsa-Dabwali and Jind has been delayed and did not meet with these monthly target given till May, 2019. The tenders have been re-invited at these places. Further, the monthly progress report for June, 2019 is not received so far.

(Relates to ULBD)

14. Non submission of ATR by the SESTF/ District Level Task force

A. The ATR of DSTFs in the catchment of River Ghaggar is received & observations in the ATRs have been conveyed to the DSTFs.

Sr. No.	Name of Task Force	January	February	March	April	May	June
1.	Panchkula	Submitted	Submitted	Submitted	Late submitted	Submitted	Submitted
2	Ambala	Not Submitted	Submitted	Submitted	Late submitted	Submitted	Submitted
3.	Kurukshetra	Not Submitted	Submitted	Submitted	Late submitted	Submitted	Submitted
4.	Jind	Submitted	Submitted	Submitted	Late submitted	Submitted	Submitted
5.	Kaithal	Submitted	Submitted	Submitted	Late submitted	Submitted	Submitted
6.	Fatehabad	Submitted	Submitted	Submitted	Submitted	Submitted	Submitted
7.	Hisar	Not Submitted	Submitted	Not submitted	Submitted	Submitted	submitted
8.	Sirsa	Submitted	Submitted	Submitted	Submitted	Submitted	Submitted

The complete action taken report on the Action plan has not been submitted nor submitted the names of officers of different departments who have not taken action by the STFs except Jind and Kaithal.

Name of Defaulting Officers as per reports of STF, Jind.

- Sh. Sanjay Sharma, XEN, PHED, Jind not submitted report regarding laying of sewerage and under construction STPs.
- Sh. Bhupinder Singh, XEN, HSVP not submitted report regarding greenery development.
- Sh. Satish Garg, ME, MC, Jind has not submitted report regarding septage management
- Dr. Ajay Goel, Dr. S.S. Punia, President, IMA, Jind and Dr. Sashi Parbha Aggarwal, CMO, Jind not submitted report regarding organization of health camp with photographs.
- Sh. Dharmvir Singh Mor, XEN, Irrigation Jind not submitted report regarding dredging and de-silting of drains in the cities

Name of Defaulting Officers as per report of STF. Kaithal

- Sh. V.K. Gupta XEN, PHED, Div-1 and Sh. M.S. Rana, XEN, PHED, Div-2, Kaithal have not submitted reports to the STF regarding laying of sewerage and under construction STPs.
- Sh. Parshant Grover, XEN, Irrigation Department, Kaithal not submitted reports to the STF.
- Sh. Ravi Nain, SDO, HSVP, Kaithal not submitted reports for greenery development.

- Sh. Ashok Kumar, EO, MC Kaithal have not submitted reports regarding E/Waste/Plastics Waste Management.
- Dr. Surender Singh Nain, CMO, Kaithal and Dr. Parveen Garg, IMA, President has not submitted reports for Health Camps to STF

Name of Defaulting Officers as per report of STF. Fatehabad

- Sh. Omparkash Bishnoi, SE, Irrigation Department, Fatehabad not submitted the action plan regarding de-silting of drains.
- Sh. Jitender, EO, MC, Fatehabad, Vinod Nehra, EO, MC, Tohana, Sh. Pankaj, Secretary, MC, Tohana, Sh. Surender Kumar, Secretary, Ratia not submitted the action plan regarding Solid Waste Management (ISWM).

(Relates to DSTFs)

15. Ground Water

A. Executing Committee has observed that unregulated abstraction of groundwater by the general public as well as the industry and thereby causing sewage generation and also leading to depletion of groundwater resources. Also, all the industries located in the catchment of river Ghaggar should be allowed to use ground water abstraction for commercial use only with the approval of the Central Ground Water Authority and such industries also be suggested to explore alternate water supply sources (including adoption of low water consuming technologies) without depending on the natural ground water resources. Where, there is a ground water depletion in such areas, the abstraction of ground water resources should be banned in consultation with the Central Ground Water Authority.

B The No. of sampling points is to be increased in case of river Ghaggar. The EC has already directed for collection of 120 samples in Catchment of River Ghaggar by 20.04.2019. Further, the abstraction of ground water is not regulated and file is being submitted to Chief Secretary, Haryana for decision in the matter. The status regarding collection of ground water samples is placed below:-

Sr. No.	District	No. Of Ground water samples	No. of Points sample collected	No. of points sample not collected
1	Panchkula	24	14	10
2	Jind	10	10	0
3	Hisar	47	43	4
	Total	81	67	14

(Relates to ROs/ STFs, CGWA)

16. Plan for E-Waste Management

A. The Action Plan for E-Waste Management has been incorporated in the Ghaggar Action Plan.

B. But the monthly progress is not submitted by the Waste Management Cell, HSPCB. The Branch Incharge, Waste Management Cell was directed to submit the monthly progress report immediately. Further, the quantum is not river stretch wise.

(Relates to HSPCB)

17. Plan for Plastic Waste Management

A. The ULBD has framed a policy for Plastic Waste Management but the action on the ground should be reported.

B. Further, the monthly progress or Action Taken is not provided by ULBD.

(Relates to ULBD)

18. Pond Development Authority

A. No progress report submitted so far.

B. Pond Development Authority has not submitted any Action Plan inspite of instruction by Chief Secretary and therefore they should provide their Action Plan. Now, they say it will be submitted as and when prepared.

(Relates to Pond Development Authority)

19. Initiation of Civil/ Criminal Cases against the violator

The Hon'ble NGT has directed for initiation of civil/ criminal proceeding against the violators. Executing Committee has observed that more than 95 % environmental related cases are pending in acquittal whereas hardly less than 5% end in conviction, this may be for want of sufficient evidence, or lack of awareness of procedures in the staff. The status of prosecutions since 1.08.2018 is as under:

Details of prosecution of industries by HSPCB							
Sr. No.	Region Name	Number of orders issued from HO to initiate prosecution		No. of sanction of prosecution issued		No. of prosecution filed in Court	
		Before 01.08.18	After 01.08.18	Before 01.08.18	After 01.08.18	Before 01.08.18	After 01.08.18
1	Panckula	33	4	33	1	33	0
2	Hisar	0	0	0	0	0	0
3	Jind	0	0	0	0	0	0
Total		33	4	33	1	33	0

(Relates to HSPCB)

20. Installation of Online Monitoring Devices

A. All the industries required to install online Monitoring devices in the catchment of River Ghaggar i.e. 4 units have already installed Continuous Online Effluent Monitoring Devices.

Status of OMDs in STPs is as under:-

B. Status of Online Monitoring Devices (STPs)

Sr. No	Department Name	Required to install	Installed as per online status	Connected with HSPCB Server
1	PHED	43	42	37
2	HSVP	8	3	3
3	ULB	0	0	0
4	GARRISON	1	0	0
	TOTAL	52	45	40

PHED has intimated that OMD could not be installed on STPs/Oxidation ponds of small capacities but the reasons of PHED are not acceptable and do not confirm to the Water Act, 1974 and EP Act, 1986.

(Relates to ROs, PHED, HSIIDC and HSVP)

21. Environmental compensation for violation

A. The NGT has desired that the Environmental compensation be collected from the violators on the "polluters pay principle". The Board has issued policy order on 29.4.2019 for levying Environmental Compensation on the polluting units based on polluter pays principal and to use the same for restoration of Environmental damages. The compensation shall be recovered from the industries as per the guidelines prepared by the Central Pollution Control Board.

B. The STFs have to send the proposal for the Environmental compensation. The ROs have been directed to sensitize the District Level Task Forces in this regard.

(Relates to ROs/ STFs)

22. Collection of samples of STP sludge

A. Sludge samples have been collected from STPs.

B. It was informed that the sludge samples are being collected from the STPs it has been found that the STP of Jind, Kaithal, Hisar, Fatehabad, Sirsa, Ambala, Kurukshetra and Panchkula do not meet with the prescribed standards for manure in MSW Rules. The concerned departments were asked to get the samples

analyzed from reputed institutes to establish whether the sludge is hazardous or non hazardous and further dispose the sludge after consultation with HSPCB. The Regional Officers were directed to immediately complete the sampling and send action taken report after comparing with HWM Rules also. The ROs need to identify industry along possible discharge into STPs.

23. Online Portal for submission of monthly ATR on Ghaggar

A. The Board has developed online portal for submission of monthly ATR on Action Plans for Ghaggar. All the concerned departments have been provided login ID to upload the monthly ATR for the activity in respect of their departments. They should depute concerned field level officers to have training for uploading information online.

B. The departments are not uploading their action taken reports.

(Relates to PHED, ULBD, HSIIDC, HSVP, Panchayat Deptt., Irrigation)

24. Effective implementation of Sand Mining Policy

A. The Executing Committee has directed to evolve effective implementation of Sand Mining Policy. The Action Taken Report be submitted by the Mines and Geology Department.

B. The action taken report not submitted so far.

(Relates to Mines and Geology Deptt.)

25. Providing Sewerage connection to households

A. The PHED and ULBD have to ensure that all the households are connected to sewers for all MCs. The Authorities should also make arrangements to prevent the entry of Solid Waste into sewerage network. The mechanism prepared in this regard need to be submitted by the PHED and ULBD.

B. Action taken is to be submitted.

(Relates to PHED and ULBD)

26. Action Plan for CETPs

A. Sampling of CETPs is being done by HSPCB.

B. The CETPs at IA **Barwala** do not meet with prescribed standards. The details of shortcomings alongwith Action Plan to remove the deficiencies is required.

27. Green/ Plantation on both sides of Rivers/ catchment

A. Action plan for plantation has been submitted.

B. The monthly progress report for tree plantation alongwith their location coordinates is to be submitted by Forest Department.

The details of Bio Diversity parks and plan for setting up new Bio diversity parks is required from Forest Department/ HSVP.

(Relates to Forest Department)

28. Open defecation

A. Action Plan has already been submitted.

B. Latest status along updated plan is required from ULBD.

(Relates to ULBD)

29. Action against screening plants

A. The direction of Executive Committee conveyed to Regional Officer, Panchkula.

B. Executing Committee has observed that it appears that lot of stone/sand screening units located on the banks of the river Ghaggar are discharging their effluent without imparting any treatment into River Ghaggar, such industries should be insisted upon for having primary treatment system. The NGT has already ordered on 11.04.2019 that action be taken on the observation/ recommendation for Executing Committee.

(Relates to HSPCB)

30. Policy regard to utilization of treated sewage

A. The draft policy for reuse and recycles the treated sewage prepared by PHED for State of Haryana.

B. Also, policy with regard to the utilization of treated sewage for beneficial use which includes agriculture, construction activity and green development so as to reduce abstraction and consumption of the ground water resources should be implemented and promoted.

The policy is under process of approval by the State Govt.

(Relates to PHED)

31. Installation of real time water quality of monitoring stations

A. The design of Executive Committee conveyed to concerned Branch.

B. Installation of real time water quality of monitoring stations at all the outfalls of the drains and at the salient points of the river Ghaggar to its tributaries and display of such data in public domain by all the concerned State Governments.

(Relates to HSPCB)