



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
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No. HSPCB/WG-247-D/1484-1491

Dated:- 02-06-2020

To

1. The Additional Chief Secretary, Environment. Govt. of Haryana, Chandigarh.
2. The Additional Chief Secretary Agriculture Department, Govt. of Haryana, Chandigarh.
3. The Additional Chief Secretary, Health and Family Welfare. Govt. of Haryana, Chandigarh.
4. The Additional Chief Secretary, Public Health Engineering Department, Govt. of Haryana, Chandigarh.
5. The Additional Chief Secretary, Irrigation Department, Govt. of Haryana, Chandigarh.
6. The Additional Chief Secretary, Urban Local Bodies Department, Govt. of Haryana Chandigarh.
7. The Additional Chief Secretary, Development & Panchayat Department, Haryana Chandigarh.
8. The Additional Chief Secretary, Town & Country Planning Department Haryana Chandigarh.

Sub: Minutes of the 17th meeting held with the State Level Officers of State of Haryana held under the Chairmanship of Justice Pritam Pal, former Judge Punjab and Haryana High Court and now as Chairman of the Executive Committee, constituted by the Hon'ble National Green Tribunal in OA No. 138 of 2016 and 139 of 2016, on 26.05.2020 at 11:00 AM through video conferencing w.r.t. control of pollution in River Ghaggar in Haryana Area.

Sir,

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the copy of Minutes of the 17th meeting held with the State Level Officers of State of Haryana held under the Chairmanship of Justice Pritam Pal, former Judge Punjab and Haryana High Court and now as Chairman of the Executive Committee, constituted by the Hon'ble National Green Tribunal in OA No. 138 of 2016 and 139 of 2016, on 26.05.2020 at 11:00 AM through video conferencing w.r.t. control of pollution in River Ghaggar in Haryana Area for information and necessary action please.

DA/As above

for Duti
Sr. Env. Engineer (HQ)
For Member Secretary

Endst No. HSPCB/WG-247-D/1492-1496

Dated:- 02-06-2020

A copy of the above is forwarded to Regional Officer, Panchkula, Ambala, Kurukshetra, Kaithal and Hisar for information and further necessary action please.

DA/As above

for Duti
Sr. Env. Engineer (HQ)
For Member Secretary

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Office of the Executive Committee

Constituted by Hon'ble National Green Tribunal in OA No. 138 of 2016 and 139 of 2016 in the matter of Stench Grips Mansa's Sacred Ghaggar River and Yogendera Kumar and OA No. 606 of 2018 in the matter of compliance of Solid Waste Management Rules, 2016

Office at: 4th floor, 5th Tower, Forest Complex, SAS Nagar

To

The Member Secretary,
Haryana State Pollution Control Board,
C-11, Sector 6, Panchkula.

No: CMC/EC/2020/Spe-1

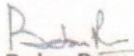
Dated 28/5/2020

Subject: Minutes of 17th meeting with State level Officers of State of Haryana held under the Chairmanship of Justice Pritam Pal, former Judge Punjab and Haryana High court and now as Chairman of the Executive Committee, constituted by Hon'ble National Green Tribunal in OA No.138 of 2016 and 139 of 2016, on 26.05.2020 at 11 AM through video conferencing w.r.t control of pollution in River Ghaggar in Haryana Area.

Please find enclosed herewith minutes of 17th meeting with State level Officers of State of Haryana held under the Chairmanship of Justice Pritam Pal, former Judge Punjab and Haryana High court and now as Chairman of the Executive Committee, constituted by Hon'ble National Green Tribunal in OA No.138 of 2016 and 139 of 2016, on 26.05.2020 at 11 AM through video conferencing w.r.t control of pollution in River Ghaggar in Haryana Area for your kind information and necessary action.

It is requested that these minutes of the meeting may be conveyed to all the concerned departments with the request to take necessary action on the points relating to their departments and action taken report be submitted within 15 days.

DA/as above


Dr. Babu Ram, 28/5/2020
Technical Expert,
Executive Committee

Minutes of 17th meeting with State level Officers of State of Haryana held under the Chairmanship of Justice Pritam Pal, former Judge Punjab and Haryana High court and now as Chairman of the Executive Committee, constituted by Hon'ble National Green Tribunal in OA No.138 of 2016 and 139 of 2016, on 26.05.2020 at 11 AM through video conferencing w.r.t control of pollution in River Ghaggar in Haryana Area

The following were present in the meeting

A) Members of the Executive Committee

Sr. No.	Name and Designation in the Deptt.	Name & Designation in the Committee
1.	Justice Pritam Pal, former Judge Punjab & Haryana High Court	Chairman
2.	Ms. Urvashi Gulati IAS, former Chief Secretary, Haryana	Member
3.	Dr. Babu Ram, former Member Secretary, PPCB	Technical Expert

B) The list of the officers of State of Haryana are as per Annexure-1

The agenda of the meeting was taken up for discussion as under.

1. Monitoring results of parameters monitored during March, 2020 and lockdown period.

a) Water quality of River Ghaggar at various points.

It was apprised that HSPCB has carried out the water quality monitoring of River Ghaggar at various points during March, 2020 and lockdown period. The values of BOD and TSS have been observed to be varying between 2.5 to 14 mg/l and 8 to 40 mg/l, respectively. However, in the course of its flow, these values have been found increased to 64- 96 mg/l and 60- 170 mg/l, respectively, after entering of drains, choes and Nadi etc into river Ghaggar.

The Chairman of the Executive Committee took the matter seriously and pointed that during lockdown period, all the industrial and commercial activities were not in operation and the performance of the existing STPS indicates that most of the STPs were found meeting with prescribed norms w.r.t BOD and TSS parameters except F. Coli. The values of BOD and TSS

were found varying between 6-27 mg/l and 8- 79 mg/l. There is need to find out the reasons as to why the values of these parameters (BOD and TSS) have been exceeded in river Ghaggar water.

After deliberation, the Chairman of the Executive Committee directed as under;

- **HSPCB, Department of urban Local Bodies, HSVP and PHED shall jointly identify the drains/ nallahs/underground pipes carrying untreated sewage and falling into river Ghaggar. These drains/nallahs/conduit pipes should be connected to nearby STPs having adequate capacity or separate STPs may be installed to treat the sewage of these drains/ nallahs/underground pipes by 31.12.2020. HSPCB shall coordinate the matter.**
- **In-situ remediation technology be provided in these drains to treat the wastewater till the STPs are not completed and commissioned as directed by the Hon'ble NGT in its order dated 21.05.2020 in OA No. 593/2017 in the matter of Paryavaran Suraksha Samiti vs Union of India & Ors. It was further desired that Hon'ble NGT order dated 21.05.2020 be conveyed to all the concerned departments the State of Punjab, Haryana and Himachal Pradesh.**

b) Performance of existing STPs.

It was submitted that HSPCB has carried out the monitoring of STPs located in the catchment area of river Ghaggar and the data indicate that most of the STPs are meeting with the prescribed norms for the parameters BOD and TSS except F.coli. The monitoring of STPs was conducted during the period November, 2019 to February, 2020.

The detailed deliberation on the performance of STPs was made and it was directed by the Chairman of the Executive Committee that HSPCB shall carry out the performance the STPs for the months May, 2020 and June, 2020. The comparative statements shall be prepared based on the data for pre-lockdown period, lockdown period and the analysis study for the months May and June, 2020. The said

comparative statement may be placed before the Executive Committee in its next meeting.

c) Ground Water quality of ground water sources located in the catchment area of River Ghaggar.

The Executive Committee was informed that HSPCB has conducted sampling of ground water sources located in the catchment area of River Ghaggar. The analysis results indicate that almost all the ground water samples were meeting with the prescribed norms except at few places where inorganic constituents like calcium and magnesium have been found higher than the prescribed limits and probably these may be due to geogenic reasons.

It was pointed out that some of the ground water samples have not been analyzed for heavy metals and none of the sample for F.Coli parameters. However, it was informed that f.coli parameter has not been analysed as the ground water sources are at deeper aquifer.

After detailed deliberation, it was directed by the Chairman of the Executive Committee that the water of groundwater sources, located in the catchment area of river Ghaggar, be analyzed for all the parameters including heavy metals and F.coli atleast on quarterly basis. For the other parameters, ground water quality of ground water sources may be analyzed as per the frequency already decided by the Executive Committee.

2. Compliance of the directions issued by the Executive Committee during its 16th meeting held on 24.02.2020.

To submit the latest progress on the following activities.

a) Commissioning of new 11 STPs of 49 MLD capacity.

It was informed that out of 11 STPs of capacity 49 MLD, the construction work of 7 STPS (Khagsere & Toka :0.5 MLD, Nangal & Alipur: 0.5 MLD, Khotali: 0.75 MLD, Kot:0.75 MLD, Sukhdarshanpur: 0.75 MLD, Dabra: 8 MLD and Bhuna; 8 MLD) has been completed varying between 60-98 %. These STPs shall be completed and commissioned within 3 months.

In the remaining 4 STPs (12 Cross Road Ambala:12 MLD, Billa:0.75 MLD,Ambala: 5 MLD and Khuda Khurd Ambala:12 MLD), poor progress (7-30 %)regarding construction STPs has been achieved.

After detailed deliberation, it was directed as under.

- 1. 7 STPS (Khagsere & Toka :0.5 MLD, Nangal & Alipur: 0.5 MLD, Khotali: 0.75 MLD, Kot:0.75 MLD, Sukhdarshanpur: 0.75 MLD, Dabra: 8 MLD and Bhuna; 8 MLD), which have been completed between 60-98 %, should be completed and commissioned by 31.7.2020.**
- 2. 4 STPs(12 Cross Road Ambala:12 MLD, Billa:0.75 MLD, Ambala: 5 MLD and Khuda Khurd Ambala:12 MLD) should be completed by 31.8.2020.**

b) Upgradation of 32 existing STPs of capacity 179.5 MLD.

The Committee was apprised that out of 32 existing STPs, there is proposal to upgrade 28 STPs and the status was submitted as under.

- For 9 STPs (Jind; 15 MLD, Cheeka: 10 MLD,Kaithal:10 MLD,Pundri:3.5 MLD, Ellanabad:7.5 MLD, Fatehbad :10 MLD, Ratia:6.5 MLD, Tohana:10 MLD and Sirsa: 15 MLD),having total capacity of 87.5 MLD, funds are available
 - ✓ Construction work of 6 STPs(Jind; 15 MLD, Cheeka: 10 MLD, Kaithal:10 MLD, Pundri:3.5 MLD, Ellanabad:7.5 MLD and Ratia:6.5 MLD) has been completed between 50-100%
 - ✓ Poor progress (10-45%) is there in the case of remaining 3 STPs (Fatehbad ;10 MLD, Tohana:10 MLD and Sirsa: 15 MLD)
- For the remaining 19 towns, whereSTPs are to be technologically upgraded, funds have not been tied up so far. It was informed that the State Government has been requested to provide funds for upgradation of 19 STPs. However, the necessary documents like DPR, DNIT and tender have been made ready for these 19 STPs.

The Chairman of the Executive Committee directed that the concerned department shall take up the matter with finance department of the State Govt. for early release of funds for upgradation of the 19 existing STPs as

the Hon'ble NGT in its order dated 21.05.2020 has issued directions that STPs should be completed by 31.03.2021. Action taken report should be submitted to the Executive Committee in its next meeting.

C) HSPCB shall issue directions under the provisions of the Water Act, 1974 to all the operating agencies of STPs to make adequate arrangements for disinfection at all STPs to bring F.coli parameter within the norms by 31.03.2020.

It was informed by HSPCB that the Board has already prescribed the standards w.r.t. F. Coli parameter. However, the notification yet to be issued by the State Government. He informed that 15 days are required for issuance of the notification and thereafter, the prescribed standard for F.Coli parameters shall be conveyed to all the concerned departments of the State and these departments shall be directed to make adequate arrangements for disinfection at all the STPs to bring F.Coli parameter within the norms.

After detailed deliberation, the Chairman of the Executive Committee directed as under:

- **The prescribed standard for F.Coli standards shall be notified by HSPCB within 15 days and necessary directions to comply with prescribed standard of F.Coli parameter be issued to all the concerned departments within 1 month.**
- **The executing agencies of State of Haryana like Department of Urban Local Bodies, Haryana Shehri Vikas Pradhikaran and Public Health Engineering Department shall make adequate arrangements for disinfection at all the STPs to bring F.Coli parameter within the norms within next 3 months. The necessary directions in this regard shall be issued by HSPCB.**

c) Treatment facility to be provided in 45 villages by Development and Panchayats Department by 30.06.2020.

It was apprised that in phase-1, 45 villages have been covered which are required to install sewage treatment plants and the timeline for providing said treatment system was proposed as 31.12.2020 as per the action plan prepared by Development and Panchayats Department. The State Government has been

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requested to provide funds to start the construction of STPs for the villages. The work of STPs in 10 villages has already been started and for some villages, DPRs have been prepared and in some villages, work order has been issued. However, due to non-availability of funds, the work could not be started.

Ms. Urvashi Gulati, IAS (Retd), Member, Executive Committee informed that in villages, the construction of STPs can be started under MGNREGA scheme where the Centre Government has already allocated the funds for the State of Haryana.

After detailed deliberation, Chairman of the Executive Committee directed as under.

- **The Principal Secretary, Development and Panchayats Department shall take up the matter with the finance department of State of Haryana for early release of funds under MNREGA scheme for installation of STPs for 45 villages.**
 - **The construction work of STPs in 10 villages, where construction work has already been started, should be completed by 30.06.2020.**
- d) **The Department of Urban Local Bodies and Department of Rural Development and Panchayat shall ensure that no septage and faecal sludge is disposed of indiscriminately and the same shall be disposed of in nearby STPs having adequate capacity to treat the Septage and faecal sludge.**

The Executive Committee was informed that HSPCB has issued necessary directions to Urban Local Body department and Panchayat department as under.

- i. *To set up a proper monitoring mechanism for checking of the activities of illegal disposal of sewage through tankers and by the independent houses and condominiums.*
- ii. *To take strict action against the violators and also impose the penalties/Environment Compensation as per the provisions.*
- iii. *To register all the private tankers working under your jurisdiction and to ensure that all the tankers are equipped with the GPS.*
- iv. *To start a campaign to identify the independent houses and condominiums and tankers disposing the untreated sewage in the drains.*

It was further informed that a project for treatment of septage and faecal sludge at Neelokheri (Karnal) is under construction and the same shall be commissioned within 1 month.

After detailed deliberation, the Chairman of the Executive Committee directed as under: -

- **The department of Urban Local Bodies, Department of Panchayat and HSPCB shall jointly identify the nearby STPs which have adequate capacities and shall prepare a comprehensive proposal for treatment of septage and fecal sludge. In the said proposal, dedicated vehicles along with their registration with the departments and GPS should also be mentioned. The said proposal shall be placed before the Executive Committee in its next meeting.**
 - **HSPCB, Urban Local Body department and Development and Panchayats Department shall jointly make surprise inspection to ensure that no Septage and fecal sludge is disposed of indiscriminately and action under the provisions of the Water Act, 1974 may be taken against the violators. HSPCB shall coordinate the matter.**
- e) Laying of irrigation network to utilize the treated sewage of all the existing STPs by the Department of Irrigation.**

The Executive Committee was informed that in order to utilize the treated sewage of STPs for irrigation, a consolidated project has been prepared (for the towns located on river Yamuna and Ghaggar) and the project shall take 5 years for its completion as they have a window of 15 days in a season and it occurs twice in a year. However, irrigation network to utilize the treated sewage of the towns namely Ratia, Tohana, Jakhhal and Hisar has been laid.

After detailed deliberation, the chairman of the Executive Committee directed as under.

- **Irrigation schemes to utilize the treated sewage of the towns namely Ratia, Tohana, Jakhhal and Hisar for irrigation should be completed and commissioned by 30.06.2020.**

- **The department of Irrigation shall prepare separate project to utilize the treated sewage of the towns located in the catchment area of river Ghaggar within 1 month and project may be sent to State Govt. to provide funds for the same so that irrigation projects may also be completed simultaneously alongwith commissioning of STPs i.e. by 31.03.2021. The progress in this regard may be placed before the Executive Committee in its next meeting.**

- f) **The surveillance on effluent treatment plants of the industries and sewage treatment plants shall be increased by HSPCB for the effective operation of ETP/STPs. The action against the defaulting ETP/STPs may be taken under the provisions of Water Act, 1974.**

It was apprised that HSPCB is making surprise inspection/checking on the industries and STPs to ensure the regular and effective functioning of ETPs of the industries and STPs of the Local bodies of the State. The action against the defaulting ETP/STPs is taken as per the provisions of Water Act, 1974.

After deliberation on the issue, the Chairman of the Executive Committee directed that officers of HSPCB shall make regular and surprise inspection on the industries and STPs of the local Bodies to ensure that their ETPs and STPs are operated regularly and effectively. The action against the defaulting industries and concerned department responsible for not operating the STP shall be taken timely and as per the provisions of the Water Act, 1974

- g) **HSPCB shall monitor the ground water quality of ground water sources along river Ghaggar and ensure that no contaminated ground water is allowed to be consumed by the nearby inhabitants. Wherever, the groundwater quality is found affected, display boards on such sources may be erected mentioning that "water is not for drinking".**

It was apprised by HSPCB that regular monitoring of ground water sources is carried out in the catchment area of River Ghaggar and the contaminated sites have been closed and display Boards have been erected mentioning that "water is not fit for drinking".

The Chairman of the Executive Committee directed that HSPCB shall ensure that no contaminated ground water source remains unattended and these should be properly sealed and ensure the erection of display boards on these sources and ensure that these are not used for drinking purposes by the inhabitants.

- h) All the STPs of Department of Urban development, HSVP or any other operating agency shall be installed with OCEMS and CCTV cameras by 31.01.2020.**

It was informed that out of 59 STPs, OCEMS and CCTV cameras have been installed on 56 STPs and 53 STPs have made their connectivity with HSPCB.

The Chairman of the Executive Committee directed as under.

- **The remaining 03 STPs should install OCEMS and CCTV cameras within 01 month and these should have their connectivity with HSPCB server within next 15 days.**
 - **The remaining 03 STPs, which have not made their connectivity with HSPCB server, shall make the same within 15 days.**
 - **STPs which have been commissioned recently shall be provided with OCEMS and CCTV cameras within 01 month and these should have their connectivity with HSPCB server within next 15 days.**
- i) More Health checkup camps may be organized on quarterly basis in the areas located on river Ghaggar. If any patient found affected due to water borne diseases, the same may be reported to the concerned Chief Medical Officer of the concerned district.**

The Monitoring Committee was informed that 52 health checkup camps were organized during the months December, 2019 and March, 2020. In these camps, 3787 patients were checked, out of which 332 patients were found suffered with water borne disease. However, no health checkup camp could be organized in April, 2020 due to COVID-19 pandemic and lockdown in the State.

The Chairman of the Executive Committee directed as under.

- **The ground water sources of the villagers/inhabitants, which have been found suffered with water borne disease, should be identified by HSPCB and their ground water samples be analyzed for all the parameters including heavy metal and F. Coli parameter within 01 month and in case these ground water sources are found contaminated, these may be sealed and display boards be erected on the contaminated sites mentioning that ground water source is not fit for drinking purposes.**
 - **The process of organizing health checkup camps should be continued soon after the prevailing conditions allow.**
- j) All the minutes of the monthly meeting of DLSTF and quarterly meetings of SLSTF may be uploaded on the website of HSPCB.**

The Executive Committee was informed that the minutes of all the meetings of DSTF and SLSTF are uploaded on the website of HSPCB and these can be viewed at any time.

After discussion, the Chairman of the Executive Committee directed that the HSPCB shall ensure that the minutes of all the meetings of DSTF and SLSTF are continuously uploaded on the website of HSPCB.

- 3. Progress regarding monitoring of water quality of River Ghaggar and drains by the Joint Committee consisting of members namely Sh. J.P.Singh, Environmental Engineer and Sh. S.S.Mathru, Environmental Engineer.**

Sh. J.P. Singh, Senior Environmental Engineer, HSPCB informed that due to lockdown in the State and their involvement in protective activities of COVID-19

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pandemic, the study could not be carried out. However, he desired that 15 days' time be given so that the detailed study be carried out by him alongwith Sh. S.S.Matharu, Environmental Engineer, PPCB. The report in this regard shall be submitted within 1 month.

The Chairman of the Executive Committee directed that a joint Committee consisting of members namely Sh. J.P.Singh, Senior Environmental Engineer, HSPCB and Sh. S.S.Matharu, Environmental Engineer, PPCB shall carry out detailed study w.r.t. monitoring of water quality of river Ghaggar and sources of pollution in river Ghaggar within next 15 days and report be submitted to the Executive Committee within 1 month.

Sd/
Dr. Babu Ram

Sd/
Ms. Urvashi Gulati

sd/
Justice Pritam Pal, former Judge
Punjab & Haryana High Court
now as Chairman of Executive Committee