



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
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No. HSPCB/ WC-173 Vol. 8/19747-9752

Dated: 07.11.2019

To

1. Chief Executive Officer, GMDA, Gurugram.
2. CA, HSVP, Panchkula.
3. MD, HSIIDC, Sector-6, Panchkula.
4. Director, Urban Local Bodies Deptt., Haryana, Panchkula.
5. EIC, Irrigation Department, Haryana, Panchkula.
6. EIC, PHED, Haryana, Panchkula.

Sub: Proceeding of the meeting of the committee held on 04.11.2019 at 11:30 AM under the Chairmanship of Sh. Ashok Kheterpal, Chairman, HSPCB, for the identification of stakeholder Departments for execution of work for the Bio/ Phyto-Remediation in the compliance of the orders dt. 11.09.2019 of Hon'ble NGT in matter of OA No. 6 of 2012- Manoj Mishra Vs. UOI.

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the proceedings of the meeting held on 04.11.2019 at 11:30 AM under the Chairmanship of Sh. Ashok Kheterpal, Chairman, HSPCB, for the identification of stakeholder Departments for execution of work for the Bio/ Phyto-Remediation in the compliance of the orders dt. 11.09.2019 of Hon'ble NGT in matter of OA No. 6 of 2012- Manoj Mishra Vs. UOI for your kind information and necessary action please.

DA/ As above.

Toshi
Environment Engineer (HQ)
For Chairman.

Endst. No. HSPCB/ WC-173 Vol. 8 / 9753-9754 Dated: 07.11.2019

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

1. PS to Chief Secretary, Haryana, Chandigarh.
2. PS to ACS, Environment, Haryana, Chandigarh.
3. PS to Chairman, HSPCB
4. PA to Member Secretary, HSPCB

DA/ As above

Toshi
Environment Engineer (HQ)
For Chairman.

Proceeding of the meeting of the committee held on 04.11.2019 at 11:30 AM under the Chairmanship of Sh. Ashok Kheterpal, Chairman, HSPCB, for the identification of stakeholder Departments for execution of work for the Bio/Phyto-Remediation in the compliance of the orders dt. 11.09.2019 of Hon'ble NGT in matter of OA No. 6 of 2012- Manoj Mishra Vs. UOI.

A meeting was held under the Chairmanship of Sh. Ashok Kheterpal, Chairman, HSPCB with the Chief Engineers of PHED, ULBD, HSVP, HSIIDC, Irrigation and GMDA as members, to address the issues relating to implementation of directions of Hon'ble NGT in the matter of OA No. 6/2012 Manoj Mishra Vs Union of India & Ors. The National Environmental Engineering Research Institute (NEERI) was requested to depute their Scientist for the meeting and Sh. Raman Sharma, Scientist from NEERI was deputed by NEERI. The list of participants is enclosed as **Annexure**.

Chairman welcome all the participants & briefly outlined the objective of the meeting. He observed that the HODs have not nominated the Chief Engineer and hence the participating Chief Engineer shall be considered as designated member of the committee. He informed that the Hon'ble Tribunal ordered the State to adopt this process of bio/phyto-remediation as an interim measure, with effect from 01.01.2020, till the works of all its treatment plants are completed, failing which State is liable for a penalty of Rs. 5 Lakh per drain per month. The Chairman mentioned that the objective of the committee is to identify major stakeholders departments to which work of execution of Bio/Phyto-Remediation is to be assigned drain wise. The locations where the Bio/Phyto-Remediation is to be carried out are to be identified by the team of officers of concerned departments.

The Chairman requested Sh. Raman Sharma, Sr. Scientist from NEERI to give brief details regarding Phyto/Bio-remediation process. Dr. Sharma informed that the process/treatment are of two types:-

- I. Ex situ- Waste water treatment based on phyto/bioremediations can be done where polluted water is diverted for treatment and then the treated effluent is again diverted to the water body.
- II. In-situ treatment- This process could be performed in flowing water including screening & phyto treatment of the waste water. The in-situ treatment is feasible in drains by way of Phyto-Remediation effectively. The specialist further informed the participants that the in-situ treatment is already done by them in Prayagraj & Nagpur.

He proposed that NEERI or any other expert agency or department can get such treatment systems established for State of Haryana and they need to assess the

quantum & quality of drains alongwith the land use pattern of nearby areas for giving further technical inputs.

Further, the agenda was taken up to identify the major stakeholder departments to which work of execution of bio/remediation has to be assigned for particular drains. There are 11 drains in Haryana which have significant direct or indirect flow into river Yamuna. The Drain No. 8 has zero flow during previous 4 months. The Committee identified two deptt. for each drain which contribute maximum share in the quantum of flow. Further, one Nodal Department was identified for each drain for defining scope of work pertaining to the departments and shall be responsible for implementation of the work. It was intimated by the Irrigation Department that there is no flow in Drain no. 8 in normal course.

The Nodal departments are as under:-

Sr. No.	Name of Drain	Main Stakeholder Departments	Nodal Department for execution of works
1.	Dhanura Escapes (Ditch Drain)	PHED, ULBD	PHED
2.	Drain no. 2	ULBD, HSVP	ULBD
3.	Drain no. 6	ULBD, HSIIDC	HSIIDC
4.	Mungeshpur	ULBD, PHED	ULBD
5.	KCB Drain	HSIIDC, ULBD	HSIIDC
6.	Leg I	MCG, GMDA	MCG
7.	Leg II	MCG, GMDA	MCG
8.	Leg III	MCG, GMDA	GMDA
9.	Budhiya Nalah	ULBD, HSIIDC	ULBD
10.	Guanchi	ULBD, PHED (For discharge of village Hodal and Hathin).	ULBD

Sh. R.K. Singla, CE, PHED submitted that the cost sharing for these projects should be based on pollution load being contributed by the deptt.

Further, it was decided that Irrigation Department may nominate their Nodal Officers at District level and provide the list with their Names, Designation and contact numbers so that the team of officers of Irrigation PHED, ULBD, HSVP, HSIIDC and GMDA, as deputed by the Concerned Departments, can identify the locations required for remediation and simultaneously assess the quantum of effluent and pollution being contributed by different stakeholders departments with reference to a specific drain. This exercise may be completed within a week. The concerned departments may

assign the work of execution of establishing remediation system to NEERI or any other expert agency or department individually for each site or they can get it done at their own.

The Chief Engineers i.e. Members from ULBD and GMDA have not attended the meeting personally even after clarifying in the meeting notice dated 31.10.2019 that only members may attend the meeting and no other officers may be deputed on their behalf. It was desired by Chairman, HSPCB that HOD of Concerned Department may ensure that only Chief Engineer may be deputed in the meeting and in case there is no Chief Engineer in the department, next rank officer of the department may be deputed.

Meeting ended with thanks to all the participants.

List of participants of meeting of the committee held on 04.11.2019 at 11:30 AM under the Chairmanship of Sh. Ashok Kheterpal, Chairman, HSPCB, for the identification of stakeholder Departments for execution of work for the Bio/Phyto-Remediation in the compliance of the orders dt. 11.09.2019 of Hon'ble NGT in matter of OA No. 6 of 2012- Manoj Mishra Vs. UOI.

Sr. No.	Name and Designation /Department	Designation in the Committee
Members of the Committee		
1	Sh. Ashok Kheterpal, Chairman, HSPCB, Panchkula	Chairman
2	Sh. R.K Singla, CE PHED , Panchkula	Member
3	Sh. V.K Kalra, CE, HSVP, Panchkula	Member
4	Sh. M.L Rana, CE, YWS (N) , Panchkula	Member
5	Sh. PK Garg, GM (IA) HSIIDC, Panchkula	Member
6.	Dr. Raman Sharma, Senior Scientist, NEERI, New Delhi	Member (Co-opted)
Other participants		
1.	Sh. Sandeep Taneja, CE, YWS (S), Delhi	
2.	Sh. Bhupender Singh, SEE, HSPCB, Panchkula	
3.	Sh. JP Singh, EE, HSPCB, Panchkula	
4.	Sh. Sandeep, XEN, PHED, Panchkula	
5.	Sh. Vikas Malik, XEN, GMDA, Gurugram	
6.	Sh. Hardeep Singh, XEN, DULB, Panchkula	
7.	Dr. Kirti, Scientist-B, HSPCB, Panchkula	
8.	Sh. Ranbir Singh, SDE, ULB, Panchkula	