

Agenda

for the 4th meeting of Monitoring Committee set up by NGT

to review progress of Implementation of Action Plans for River Sutlej, Beas & Ghaggar



Date: 20th June, 2019

Venue: Committee Room, PSCST

Directorate of Environment and Climate Change
Department of Environment
Government of Punjab

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Agenda No. 4.1 Leave of Absence

1. Following members of the Committee and Departments have been invited for the meeting:

Members of the Committee

- (i). Justice Pritam Pal, Chairperson
- (ii). Sh. Subodh Agrawal, Senior Member
- (iii). Sh. Babu Ram, Member
- (iv). Sant Baba Seechewal, Member
- (v). Sh. A. Sudhakar, Member
- (vi). Sh. J. C. Babu, Member
- (vii). Sh. Niraj Mathur, Member

Departments of the State Government invited for the meeting

- (i). Administrative Secretary, Department of Local Government
 - (ii). Administrative Secretary, Department of Rural Development
 - (iii). Administrative Secretary, Department of Industries and Commerce
 - (iv). Administrative Secretary, Department of Housing and Urban Development
 - (v). Administrative Secretary, Department of Soil and Water Conservation
 - (vi). Administrative Secretary, Department of Water Supply & Sanitation
 - (vii). Administrative Secretary, Department of Health
 - (viii). Administrative Secretary, Department of Water Resources
 - (ix). Chairman, Punjab Pollution Control Board
 - (x). Commissioner, Municipal Corporation, Ludhiana
 - (xi). Commissioner, Municipal Corporation, Jalandhar
2. Leave of absence may be granted to those, who are unable to attend the meeting.

Agenda No. 4.2 Confirmation of the proceedings of the 3rd Meeting

1. The minutes of the 3rd meeting of the monitoring committee have been circulated to all the members & departments vide Letter No. DECC/2019/570-579 dated 14.06.2019.
2. The minutes may accordingly be confirmed.

Agenda No. 4.3 Review of monitoring of Water Quality of Rivers

1. Punjab Pollution Control Board monitors the water quality of river Sutlej, Ghaggar & Beas on monthly basis. PPCB reported that DPR for installation of Real Time Water Quality Monitoring Stations (RTWQMS) at 11 critical locations of Sutlej, Beas and Ghaggar is under preparation. PPCB to expedite installation of RTWQMS particularly on river Sutlej covering Buddha Nallah.
2. Punjab Pollution Control Board may also consider engaging an expert agency to develop a model for correlating the quality of water at various monitoring stations with quality and quantity (flow) of discharge from various sources meeting the river in the surrounding areas particularly between the two locations.
3. The Committee may accordingly review the matter.

Agenda No. 4.4 Review of monitoring of functioning of existing STPs in the catchment area

1. Action Taken on decisions of the Committee in the last meeting held on 29.05.2019

The current status is given below:

S.No.	Decision	Status
(i)	DLG to prepare comprehensive manual including roles and responsibilities of supervisory staff for O&M of STPs for ensuring compliance to achieve the prescribed norms.	Report awaited. DLG to present the status.
(ii)	DLG will get all Bypass System of STPs sealed in presence of PPCB	Report awaited. DLG to present the status.
(iii)	PPCB to submit compliance w.r.t. collection of composite samples for STPs of Ludhiana & Jalandhar.	Report awaited. PPCB to present the status.
(iv)	PWSSB to provide the access to the Members of the Monitoring Committee, PPCB & DECC of online continuous monitoring systems installed on STPs.	Report awaited. PWSSB to present the status.
(v)	PPCB was asked to initiate action against the defaulting STPs including environmental compensation except on account of industrial effluents.	Report awaited. PPCB to present the status.

2. Action Taken on recommendations of NGT Monitoring Committee during field visit to Ludhiana on 01.05.19

The current status is given below:

S.No	Recommendation	Status
(i)	PPCB to report the legal action taken under the provisions of Water Act, 1974 against Municipal Corporation, Ludhiana and Punjab Dyer Association, Ludhiana which has maintained un-authorized direct outlets into Budha Nallah through the sewerage system.	Report awaited. PPCB to present the status.
(ii)	PPCB to initiate action to direct Municipal Corporation, Ludhiana to remove all the outlets carrying industrial wastewater directly into Budha Nallah.	Report awaited. PPCB to present the status.
(iii)	PPCB and MCL will jointly carry out the study w.r.t. consumption of water for domestic usage in Ludhiana & discharge of sewage into Budha Nallah and submit the comprehensive plan within 30 days to address the problem of pollution in Budha Nallah.	Report awaited. PPCB & MCL to present the status.
(iv)	MCL to put up the firm proposal before the Committee for treatment of dairy waste of Tajpur & Haibowal Dairy Complex and timelines for shifting of Tajpur Dairies.	Report awaited. MCL to present the status.
(v)	PPCB to report the reasons for presence of colour in the treated sewage of STP Bhattian.	Report awaited. PPCB to present the status.
(vi)	MCL to report the measures taken to improve the performance of 111 MLD	Report awaited.

	STP Bhattian.	MCL to present the status.
(vii)	Department of Water Resources to report the progress for de-silting of Budha Nallah to complete this activity before monsoons.	Report awaited. DWR to present the status.

3. Action Taken on recommendations of NGT Monitoring Committee during field visit to Jalandhar on 8.5.19

Sno.	Recommendation	Status
(i)	MCJ shall upgrade / rehabilitate the existing UASB technology in STP Pholriwal (100 mld) strictly as per the time schedule given in Action Plan.	Report awaited. MCJ to present the status.
(ii)	Lot of oil & grease observed from disposal point located in Beant Singh Park connected with MC sewer.	Report awaited. PSIEC to present the status.
(iii)	The overflow of disposal point near M/s. Jagran Prakashan Limited is being discharged into Kala Singhian drain. The committee recommended that PSIEC should install separate STP and cut off the discharge to Kala Singhian drain within 10 days.	Report awaited. PSIEC to present the status.
(iv)	The untreated sewage of disposal of Kalia Colony, Jalandhar is directly entering into Kala Singhian Drain without any treatment. The committee directed MC, Jalandhar to connect these outlets to sewerage system and disconnect their discharge from Kala Singhian drain within 7 days.	Report awaited. MCJ to present the status.

(v)	The Committee visited disposal point near Sabji Mandi, Maqsudan Road, Jalandhar and disposal point of Bhagat Singh Colony, Jalandhar and recommended that PWSSB and MC, Jalandhar shall make joint efforts to connect all the outlets with the sewerage system within one month. Further, PPCB shall take legal action against MCJ & PWSSB in case the outlets are not cut off from entering into Kala Singhian drain and MCJ shall de-silt the sewer line of Zone-I.	Report awaited. PWSSB & MCJ to present the status.
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4. Action Taken on recommendations of NGT Monitoring Committee during field visit to Kapurthala and Sultanpur Lodi on 22.05.19

Sno.	Recommendation	Status
(i)	PPCB shall issue directions under Water Act, 1974 to Department of Local Government to de-sludge the ponds of STP, Sultanpur Lodhi and replace the lifting pumps with new pumps within 2 months.	Report awaited. PPCB to present the status.
(ii)	DLG be directed to ask Municipal Council, Kapurthala to operate 25 mld STP regularly and efficiently and no effluent should be bypassed. The necessary upgradation shall be made within the time schedule as mentioned in the action plan.	Report awaited. DLG to present the status.
(iii)	PPCB shall issue direction to Jalandhar Development Authority to arrange land for installation of STP to treat the sewage of Rawal& its colonies which is presently being discharged into Holy Bein and it may be directed to install STP within 6 months.	Report awaited. PPCB to present the status.

(iv)	DLG be directed to ask the Municipal Council, Kapurthala to disconnect the outlets of some localities of Kapurthala town falling into Wadala Drain and same should be diverted to main sewerage system leading to STP.	Report awaited. DLG to present the status.
(v)	DRDP be directed to make the pumping system operational so as to carry the sewage of village Khera Donna to the pond provided to treat the sewage and utilize the same for irrigation and plug the outlet into Holy Bein.	Report awaited. DRDP to present the status.

5. Monitoring of STPs by PPCB for the month of May 2019

The summary of STPs monitored by PPCB in May 2019 is given in **Annexure-I**. Following are the observations of the Department

- (i). 84 STPs (1314.6 MLD) monitored during the month out of which 46 STPs (776.6 MLD) found non-compliant which contributes to 59% of the total capacity of monitored STPs.
- (ii). Out of 46 non-compliant STPs, 19 STPs (266.4 MLD) failed only due to F.Coli which contributes to 20% of the total capacity of monitored STPs.
- (iii). 22 STPs (626.8 MLD) have continuously failed to achieve the standards since January, 19, which contributes to 47.5% of the total capacity.

6. Action Taken by PPCB against non-compliant STPs

The action taken by PPCB against non-compliance STPs is given in **Annexure-II**. A summary of the same is given below:

Month	Total no. of STPs found non-compliant	No. of cases filed without any action	New PBG/ EC	Cases filed for prosecution	No. of pending cases (<3 months)
April, 19	34	-	3	-	31

May, 19	46	-	-	2	44
Total	80	-	3	2	75

PPCB to expedite the action in the pending cases.

7. Action Taken by PWSSB

PWSSB through email reported that most of the STPs failed either due to lack of maintenance or chlorination. The department has imposed financial penalty to operators of 7 STPs amounting to Rs. 1.55 lacs.

8. Action Taken by Water Supply and Sanitation

DWSS vide Letter dated 14.06.19 reported that the non-compliant STPs of Muktsar Sahib (8.7 & 5.7 MLD) require major repairs. The estimate for the same has been prepared.

9. Action taken by MCL

MCL vide Letter 13.06.19 reported that penalty of Rs. 39.13 lacs has been deducted from the payment of operator for non-compliance of STPs. Further, it was reported that the non-compliant STPs would be made complying by 31.12.20.

10. Action Taken by GMADA

GMADA vide Letter dated 03.06.19 reported that it has imposed penalty by deducting Rs. 2.00 lacs from the operator payment for non-compliance of STP of Mohali (45.4 MLD capacity).

11. Action Taken against Supervisory Staff

DLG to report the steps taken against the operators and other supervisory staff wherever the STPs are continuously failed to achieve the standards.

Agenda No. 4.5 Review of monitoring of functioning of CETPs in the catchment area

1. Monitoring of CETPs for the month of May 2019 by PPCB

- (i). The report regarding monitoring of CETPs for the month of May 2019 by Punjab Pollution Control Board is given in **Annexure-III**.
- (ii). Out of 4 CETPs monitored during May, 2019, the CETP for Leather Complex, Jalandhar and CETP Electroplating, Malerkotla were found non-compliant.
- (iii). Action taken against non-compliant CETPs for the month of May 2019 is still under consideration. PPCB to expedite action.

2. Action Taken on Recommendations of the Monitoring Committee during field visit to CETP Leather Complex on 08.05.2019

The current status is given below:

Sno.	Recommendation	Status
(i)	PPCB shall issue directions under Water Act, 1974 to Punjab Effluent Treatment Society (PETS) to upgrade the CETP within the time schedule as mentioned in the Action Plan prepared by the Department of Environment.	Report awaited. PPCB to present the status.
(ii)	PPCB shall get performance guarantee of Rs. 25 lacs from PETS for effective operation of equipments and up-gradation of existing CETPs.	Report awaited. PPCB to present the status.
(iii)	PPCB shall issue directions to PETS to install & commission electromagnetic flow meter, pH sensor in OCEMS & its connectivity with CPCB and PPCB server, regular lifting of sludge from CETP to Nimbuan within one month for	Report awaited. PPCB to present the status.

	effective monitoring of CETP.	
(iv)	PSIEC to disconnect all the outlets of storm water drain, presently carrying sewage of Leather Complex into Kala Singhian Drain within 15 days. These outlets shall only be operated during raining season in presence of PPCB.	Report awaited. PSIEC to present the status.
(v)	PPCB shall lay down primary ETP standards of wastewater to be further treated into CETP within 15 days.	Report awaited. PPCB to present the status.
(vi)	MCJ shall close outlet maintained near STP Peer Dad to discharge untreated sewage into Kala Singhian Drain within 15 days.	Report awaited. MCJ to present the status.

3. Special Report regarding CETP for Electroplating

The Monitoring Committee asked PPCB to submit detailed report regarding CETP for electroplating units as it is not receiving effluents as per the capacity of the industries and some industries are not giving effluents to CETP at all or partly.

The Monitoring Committee directed that the GPS based IT system will be strengthened by PPCB for monitoring the quantity lifted and the movement of tankers deployed for collecting the effluent.

Report is still awaited from PPCB.

The Committee may accordingly review the status on above points.

Agenda No. 4.6 Review of monitoring of functioning of ETPs installed by industries

1. Action Taken on Recommendations of Monitoring Committee during visit to Jalandhar on 08.05.2019

The Current Status of action taken is as follows:

Sno.	Recommendation	Action Taken
(i)	Environmental Compensation on M/s Doaba Cooperative Milk Producer not less than 10 lacs and issue of directions for upgradation/ modification in the existing ETPs within 3 months	Report awaited. PPCB to present the status.
(ii)	PPCB to analyze the quality of sludge and verify the actual discharge of electroplating effluents of M/s Victor Forging and M/s Vishal Tools, Focal Point, Jalandhar and match the same with the quantity lifted by CETP operator	Report awaited. PPCB to present the status.
(iii)	PPCB shall cancel the consent of M/s Proxima Steel and M/s Tulbro Forging, FP Jalandhar as unit has removed the electroplating machinery and issue direction to industry to dismantle the same and cancel MoU with CETP operator	Report awaited. PPCB to present the status.

2. Inspection of ETPs by PPCB during the month of May 2019

The details of industries/ ETPs monitored by PPCB in May 2019 is given in **Annexure IV**. The brief summary is given below:

- (i). PPCB monitored 35 ETPs (6.87% of total ETPs capacity) out of which 11 found non-compliant
- (ii). Out of 35 ETPs monitored by ROs, 5 were inspected by SEE and 1 by CEE, PPCB

3. Action Taken by PPCB against non-compliant ETPs

The action taken by PPCB against non-compliant units is summarized below:

Month	Total no. of ETPs found non-compliant	No. of cases filed without any action	Encashment of BG	New PBG/ EC	No. of pending cases (<3 months)	No. of pending cases (>3 months)	No. of Units where directions issued under 33-A for Closure
April, 19	91	11	2	4	39	16	19
May, 19	11				11		-
Total	102	11	2	4	50	16	19

4. Installation of OCEMS by Industries

PPCB in last meeting of Monitoring Committee reported that 114 industries having discharge more than 50 KLD are required to install Online Continuous Effluent Monitoring Systems (OCEMS) for their ETPs. Out of 114 units, only 13 industries have installed OCEMS the remaining industries have been directed to install OCEMS by 31.07.19.

Now PPCB reported that 65 industries are required to install OCEMS for their ETPs out of which 10 industries have installed/commissioned OCEMS and the remaining industries have been directed to install OCEMS by 31.07.19.

The Committee may kindly review the Status.

Agenda No. 4.7 Review of progress of Setting up of New / Up-gradation of STPs

1. Following agencies have submitted their progress reports regarding setting up of new/ upgradation of STPs:
 - (i). PWSSB
 - (ii). MC Ludhiana
 - (iii). DWSS

2. The Observations of Department of Environment are as follows:
 - (i). Non-compliance of NGT direction**

The Department of Local Government has not revised the timelines in line with directions issued by NGT to complete all the infrastructure works within two year of 1.4.2019. Lack of compliance may invite action from NGT.
 - (ii). Funds yet to be tied up**

The Department of Local Government has not tied up funds for 30 towns/ STPs to be set up for an amount of 650 Crores. It was suggested to the Department to examine the low cost option recommended by technical committee under Chairman, PPCB for rural areas. This will reduce the financial requirement substantially.
 - (iii). Land Acquisition yet to be done**

There are 11 number of cases where land is yet to be acquired. The Department to expedite the efforts.
 - (iv). Delays in the projects under execution**

More than 30 STP projects are delayed/ behind the schedule.

3. Progress not submitted
 - (i). Municipal Committees, MCJ and BBMB have not submitted the progress reports.

Agenda No. 4.8 Review of Progress of Setting up of new/ upgrading of CETPs in catchment area

1. Progress of CETPs for Dyeing Industry

PPCB has submitted the current progress of construction of three CETPs at Ludhiana for Dyeing Industries, which is placed at **Annexure -V**.

It has been reported that the CETP at Bahadurke road (15 MLD) will be completed by 30th June 2019.

The CETP at Focal Point (40MLD) will be completed by 31.08.19.

The CETP at Tajpur road (50 MLD) is likely to be completed by 31.01.20.

PPCB to report whether State Grant has been released to the CETPs or any issues pending with it.

2. Legal Framework for setting up of CETPs to be finalized

PPCB to frame rules & put in place a legally binding system for successful operation & management of the proposed CETPs. This issue has been pending since long time and PPCB to expedite the action in this regard.

No action has been taken by PPCB.

3. Up-gradation of CETP at Leather Complex

PPCB in the last meeting of NGT Monitoring Committee held on 29.05.19 reported that DPR for up-gradation of CETP for leather complex has technically been appraised by CLRI but it has now been reported that the DPR is lying with CLRI for vetting.

4. New CETP for Electroplating Industry at Ludhiana

PPCB reported that 150 KLD CETP for electroplating units at Jalandhar is to be set up on BOT basis. The construction of boundary wall of CETP started but the work stopped due to public protest for shifting the said CETP to some other location.

5. Identification of New CETPs across Focal Points

PPCB to expedite the work on identifying the need for CETPs across all the Focal Points for which Committee has already been constituted by Department of Industries.

The Committee may review the status.

Agenda No. 4.9 Review of Progress of setting up of ETPs/ Biogas Plants for Dairy and Misc. Waste

1. MC, Ludhiana reported that the work for setting up of ETPs for Haibowal & Tajpur Dairy Complex shall be taken in comprehensive plan being prepared by Tata Projects/Shah Consultants.
2. MCL reported that work for upgradation of ETP for slaughter house is under progress and is likely to be completed by 31.12.19. No progress w.r.t setting up carcass handling plant received from MCL.
3. MCJ to submit the progress report for the installation of ETP & Biogas plants for Jamsher Dairy Complex Jalndhar.
4. PEDDA reported that biogas plant for Haibowal Dairy Complex will be made operational by June, 2019.
5. The Committee in the last meeting directed MCL to finalize the matter w.r.t. shifting of Tajpur Dairies within one month as it is pending quite since long time.
6. The progress w.r.t. setting up of ETPs for Haibowal & Tajpur Dairy Complex was found to be very slow.
7. Department of Local Government to present the Status.
8. The Committee may review the current status.

Agenda No 4.10 Reconciliation of Wastewater & Industrial Effluents for city of Ludhiana

1. The Committee in the last meeting held on 29.05.19 directed MC, Ludhiana:
 - (i). Actually monitor the discharge from the sewerage pipe carrying effluents from Tajpur Road industries & sewerage pipe carrying effluents from Focal Point leading to Sector 39 to corroborate the industrial discharge.
 - (ii). Map all the industries on GIS along with their conveyance system to proposed CETPs and disposal from CETPs.
 - (iii). The conveyance system of MCL presently being used by these industries i.e. Municipal Sewer should also be marked on GIS.
 - (iv). All the minor & major outlets discharging their wastewater directly into Budha Nallah as mentioned in the EIL report should be mapped on GIS depicting their catchment area. This should include dairies also.
 - (v). The GIS information shall be verified by both MCL and PPCB.
 - (vi). The entire exercise shall be completed by 1st week of July, 2019 so that further plans could be finalized for addressing the problem of pollution of Budha Nallah.
2. MC, Ludhiana & PPCB to present the latest status.
3. The Committee may review the current status.

Agenda No. 4.11 Review of progress of release of Fresh Water in Budha Nallah & Holy Bein

1. The progress report for May, 19 not received from the Department of Water Resources.
2. Department of Water Resources prepared a project of Rs. 6.04 crores for release of additional 150 cusec of water beyond 200 cusec of water and submitted to Director, Cultural Affairs, Punjab for funding under 550th Parkash Utsav Celebrations of Guru Nanak Dev Ji.
3. The survey for release of 200 cusec of water into Budha Nallah through Nilon Drain is under progress. After the completion of survey, the proposal shall be submitted to State Government after vetting by their design division.
4. The Committee in the last meeting directed the department to follow up for the release of funds from the State Government and complete the project expeditiously.
5. The Committee may review the current status.

Agenda No. 4.12 Review of Re-use of Treated Wastewater for Irrigation and other purposes

1. The Committee in the last meeting held on 29.05.19 decided as under:
 - (i). Department of Soil & Water Conservation to check the feasibility for using the treated sewage of STP Jamalpur, Bhattian & Balloke for irrigation. The progress in this regard be reviewed in the next meeting of the Committee.
 - (ii). The Department of Water Resources was directed to explore the feasibility for revival of lower Budha Nallah for reusing the treated wastewater for irrigation.
2. The progress report for May, 19 awaited from Department of Soil & Water Conservation & Department of Water Resources.
3. The Committee may kindly take note of the current status.

Agenda No. 4.13 Review of action taken to prevent dumping of Solid Waste into Budha Nallah

1. The Municipal Corporation, Ludhiana in the last meeting held on 29.05.19 reported that it has undertaken 500 meter stretch of Budha Nallah to convert it into model stretch by taking all necessary measures such as installation of CCTV Cameras, plantation of both sides etc. to prevent dumping of solid waste. The work on this stretch is likely to be completed by July, 2019.
2. Municipal Corporation, Ludhiana to present the progress.

Agenda No. 4.14 Review of Progress for Setting up of Treatment Facilities in Villages

1. The Department of Rural Development & Panchayats vide Letter dated 13.06.19 reported that preparation of DPR for 167 villages to be taken up in Phase-I have been completed. A budget of Rs. 50.00 crores sanctioned by GoP is yet to be released. The timelines as per action plan are placed at **Annexure-VI**.
2. The work in 28 villages falling in the catchment area of river Ghaggar is under progress. The funds of Rs. 4.77 crores has been received from RDO & MGNERGA, PMKSY. The work in these villages is likely to be completed by 31.08.19.
3. The progress was found to be on track as per the timelines given in Action Plan.
4. The Committee may kindly review the current Status.

Agenda No.4.15 Review of Shifting of Small / Medium scale scattered dyeing units

1. PPCB reported that 45 small & medium scale scattered dyeing units with total discharge about 10 MLD located in non-designated areas and designated area (not feasible to connect with proposed CETPs) to be shifted to one designated area for their connection to the up-coming CETPs.
2. In the last meeting of Monitoring Committee held on 24.04.19, it was discussed that the scattered units either plan for separate CETP or achieve ZLD.
3. The Committee in the last meeting held on 29.05.19 decided that the progress in this regard be discussed in the next meeting of the Committee after mapping of all the industries and preparing a comprehensive plan by MC, Ludhiana.
4. The Committee may kindly review the current Status.

Agenda No.4.16 Review of Progress of installation of OCMS & CCTVs for STPs

1. PWSSB vide email reported that OCMS in 48 STPs are likely to be commissioned by 30.11.19 as per the timelines given in the Action Plan. PWSSB requested PPCB to send the specifications of OCMS for inviting the tenders.
2. MCL vide letter dated 13.06.19 that OCMS in 5 STPs are likely to be commissioned by 14.10.19. However, as per the timelines given in the action plan the supply orders for installation of OCMS were to be finalized by 15.06.19.
3. DWSS vide letter dated 14.06.19 reported that supply orders for installation of OCMS in 3 STPs of Muktsar Sahib and 1 STP at Anandpur Sahib are to be finalized by 30.07.19 and commissioned by 15.09.19 & 31.12.19 respectively.
4. The progress report for May, 19 from MCJ is awaited.
5. The Committee may kindly review the current status.

Agenda No.4.17 Review of the progress regarding organization of Health Check-up Camps

1. The Department of Health & Family Welfare reported that it has organized health check up camps in the catchment areas of rivers.
2. The Committee may kindly review the current status.

Agenda No.4.18 Review of Public Awareness Programs regarding cleaning of the rivers

1. The Monitoring Committee in the last meeting held on 29.05.19 directed to all the departments to organize the capacity building & awareness activities regarding cleaning of the rivers in the State.
2. The concerned stakeholder departments to present the progress.
3. The Committee may kindly take note of the same.

Agenda No.4.19 Direct discharge from Various Outlets into Drains

1. The discharge of untreated sewage from various disposal points in Jalandhar as observed by the Monitoring Committee during field visit on 08.05.19 has already been explained under Item No. 4.
2. The Committee may review the current status.

Agenda No.4.20 Violation by Industries

1. The Committee in the last meeting held on 29.05.19 directed that all the Regional Officers of PPCB be asked to once again check their water polluting industries in the catchment of rivers particularly with respect to unauthorized and illegal discharge of industrial effluents through pipes into nearby water body or underground. The needful shall be done in next 30 days.
2. PPCB to present the progress.
3. The Committee may review the current status.

Agenda 4.21 Solid Waste

1. The Committee in the last meeting held on 29.05.19 decided that PPCB shall map on GIS the 150 most vulnerable points of waste collection along important highways and other places and monitor them for strict compliance with the Solid Waste Management Rules and take action against the concerned ULB for non-compliance including imposing environmental compensation and prosecution.
2. PPCB to present the status
3. The Committee may review the current status.

Annexure-I: Monitoring of Functioning of Existing STPs on Monthly Basis

Sr. No.	Activity	Total No. of STPs	Baseline (March,19)				Current Month (May, 19)				Cumulative (April & May, 19)			
			No. of STPs Monitored	No. of STPs found non-compliant	No. of STPs Failed due to F.Coli	%age of Non-compliance STPs as per capacity	No. of STPs Monitored	No. of STPs found non-compliant	No. of STPs Failed due to F.Coli	%age of Non-compliance STPs as per capacity	No. of STPs Monitored	No. of STPs found non-compliant	No. of STPs Failed due to F.Coli	%age of Non-compliance STPs as per capacity
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Monitoring of STPs	86	77	35	15	57.48	84	46	19	59	158	80	33	64.44

Annexure-II: Action Taken in respect of all Non Compliant STPs since May, 2019 by PPCB

Sr. No.	Month	Total no. of STPs found Non-Compliant (Col. No. 8+11)	No. of Cases where Action Completed					No. of Pending Cases		
			Cases filed without penalty	Encashment of PBG/EC	New PBG/EC	Cases Filed for Prosecution	Sub Total	Less than 3 Months	More than 3 Months	Sub Total
1	2	3	4	5	6	7	8	9	10	11
1.	April, 19	34	-	-	3	-	3	31	-	31
2.	May, 19	46	-	-	-	2	2	44	-	44
* PBG- Performance Bank Guarantee * EC-Environment Compensation										

Annexure-III: Monitoring of Functioning of Existing CETPs on Monthly Basis

District	Cap. (MLD)	Concerned RO	Avg. Flow (MLD)	No. of Member Units	Discharge Standards								Baseline (March, 19)			Current Month								
					BOD	COD	TDS	pH	Fe	Zn	Ni	O & G	BOD	COD	TDS	BOD	COD	TDS	pH	Fe	Zn	Ni	O & G	Compliant/non-compliant
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Ludhiana	0.5	RO-4, Ludhiana	0.45	1673	30	250	2100	-	-	-	-	-	-	-	768	-	-	1109	-	-	-	-	-	Compliant
Jalandhar	5	RO, Jalandhar	3.5	61	30	250	2100	-	-	-	-	-	119	364	30082	45	320	13585	-	-	-	-	-	Non-Compliant
Jalandhar	0.035	RO, Jalandhar	0.008	19	30	250	2100	-	-	-	-	-	28	100	848	21	104	1780	-	-	-	-	-	Compliant
Sangrur	0.015	RO, Sangrur	0.004/ batch, 4 hrs./ batch	61	-	-	-	06-09	3	15	3	10	-	-	-	-	-	-	4.16	481	229	121	12.4	Non-Compliant

Annexure-IV: Monitoring Industries/ETPs during the month of May, '19

Sr. No.	Activity	Total No. of ETPs	Baseline (March,19)			Current Month (May,19)			Cumulative (April & May, 19)		
			No. of ETPs Monitored	No. of ETPs found non-compliant	%age of Non-compliance ETPs	No. of ETPs Monitored	No. of ETPs found non-compliant	%age of Non-compliance ETPs	No. of ETPs Monitored	No. of ETPs found non-compliant	%age of Non-compliance ETPs
1	2	3	4	5	7	8	9	11	12	13	15
1	Monitoring of ETPs	475	198	74	37 %	35	11	31%	99	34	34%

Annexure-V: Progress w.r.t Setting up of CETPs by PCCB

Sr. No.	Description of CETP	No. of Member Units	Cap. (MLD)	Fund Requirement	Baseline (March, 2019)				Current progress i.e Date of completion or likely date of completion				Reasons for delay	Action Taken
					Prep. of DPR	Tendering	Comm. of work	Completion & Commissioning	Preparation of DPR	Tendering	Commencement of work	Completion & Commissioning		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Tajpur Road, Ludhiana	66	40	Approx. Rs. 79 Crores	Already prepared	Already done	In progress	31.08.2019	Already prepared	Already done	In-progress	31.08.2019		-
2	Bahadurke Road	26	15	Rs. 23 Cr.	Already prepared	Already done	In progress	30.6.2019	Already prepared	Already done	In-progress	30-06-2019	-	-
3	Tajpur-Rahon Road, Ludhiana	122	50	Rs. 56 Cr.	Already prepared	Already done	In progress	31.01.2020	Already prepared	Already done	In-progress	31.01.2020	Non release of funds by GOI	
4	M/s Jalandhar Effluent Treatment Society	-	0.15	Rs. 4 crore	-	-	-	-	DPR on basis of ZLD Prepared and Technically appraised by NIT Jalandhar	Completed on Built Operate and Transfer (BOT) basis	Construction of boundary wall started but stopped by complainants and protesting public	31.03.2020	Complaints and protests by public against installation of CETP	
5	Leather Complex, Jalandhar	59	5	Rs. 28.13 crore	Prepared	-	-	-	-	-	-	-	DPR lying with CLRI Kolkata for vetting.	

Annexure-VI: Timelines for Setting up of Treatment Facilities in Villages by DRDP

Sr. No.	River	No. of Priority Villages		Total Discharge (MLD)	Tech.	Fund Reqmt. (crores)	Status of Funds		Baseline (March 19)				Current Progress i.e Date of Completion or likely date of completion					Reason for delay	Responsible Officer	
							Tied Up	Not Tied Up	Preparation of DPR	Tendering	Commencement of work	Completion & Commissioning	Preparation of DPR	Financial Closure	Tendering	Commencement of work	Completion & Commissioning			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
1	Sutlej		75	12.31	Seec he-wal/ Haripur Model	22.50	Rs. 50 crore sanctioned by GoP but yet to be released		31.05.19	30.09.19	31.12.19	31.01.20	Completed	Rs. 50 crore sanctioned by GoP but yet to be released	-	-	-	-	-	
2	Beas		5	1.24		1.50			31.05.19	30.09.19	31.12.19	31.01.20	Completed		-	-	-	-	-	-
3	Ghaggar	A	64	32.17		26.10			31.05.19	30.09.19	31.12.19	31.01.20	Completed		-	-	-	-	-	-
		B	23			Rs. 3.30 Cr. From RDO & MGNREGA	-	-	-	31.08.19	Completed	Rs. 3.30 Cr. From RDO & MGNREGA	-	28 Villages work in progress	31.08.19	-	-			