

Agenda

**8th Meeting of State Apex Committee to review progress of
Implementation of various Environment Protection Action Plans**



Date: 07.01.2020 at 10:30 AM

Venue: Committee Room, 6th Floor, Civil Secretariat I

**Directorate of Environment and Climate Change,
Department of Science, Technology and Environment,
Government of Punjab**

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Agenda No. 8.1 Leave of Absence

1. The following Officers have been invited to attend the meeting:
 - (i). The Administrative Secretary
Department of Local Government
 - (ii). The Administrative Secretary
Department of Rural Development & Panchayats
 - (iii). The Administrative Secretary
Department of Housing & Urban Development
 - (iv). The Administrative Secretary
Department of Water Resources
 - (v). The Administrative Secretary
Department of Water Supply & Sanitation
 - (vi). The Chairman
Punjab Pollution Control Board, Patiala
2. Leave of absence may be granted to the members who could not attend the meeting.

Agenda No. 8.2 Confirmation of the proceedings of the 7th Meeting held on 29.08.19

1. The minutes of the 7th meeting to review progress on Environment Protection Action Plans held on 29.08.19 at 11.00 AM in compliance of various NGT Orders have been circulated to all the members vide Memo no. 10/352/2018/STE-5/1574140/1-10 dated 13.09.2019
2. The minutes may accordingly be confirmed.

Agenda No. 8.3 Hon'ble NGT orders dated 12.09.2019 in the matter of OA no 606/2018

Govt. of Punjab had prepared the Action plan for combating air & water pollution and waste management in the State in compliance of Hon'ble NGT directions in the matter of OA no 681/2018, OA no 673/2018, OA no 138-139/2018 and OA no 606/2018.

Regular monitoring of implementation of these Action Plans is also being overseen at State Apex Committee under Chief Secretary besides State level committee & NGT monitoring committee. Further, Status reports w.r.t compliance reports pertaining to the State are being submitted to Hon'ble NGT. Report for the first quarter i.e. for April-June'2019 has already been submitted to NGT on 19/07/2019.

Subsequently, the NGT in its order dated 12.09.2019 in the matter of OA no 606/2018 has directed States & Union Territories to submit information on 14 following thematic areas and date scheduled for personal appearance of Worthy Chief Secretary of Punjab is 10.01.2020:

- i. Compliance to Solid Waste Rules including Legacy Waste.
- ii. Compliance to Bio-medical Waste Rules.
- iii. Compliance to Construction & Demolition Waste.
- iv. Compliance to Hazardous Waste Rules.
- v. Compliance to E-waste Rules.
- vi. 351 Polluter Stretches in the country.
- vii. 122 Non-attainment cities.
- viii. 100 industrial clusters.
- ix. Status of STPs and re-use of treated water.
- x. Status of CETPs/ETPs including performance.
- xi. Ground water extraction/contamination and re-charge.
- xii. Air pollution including noise pollution.
- xiii. Illegal sand mining.
- xiv. Rejuvenation of water bodies.

Agenda No. 8.4 Review of Implementation of Action Plans for Waste Management

(i). Review of progress on Compliance to Solid Waste Rules including Legacy Waste

Progress up to the month of November, 2019 w.r.t following activities pertaining to SWM is as follows:

Sno.	Activity	Assessment/ Observations of the Department of Environment
1	Monthly Review Meetings by Deputy Commissioners	<p>Only 10 Districts namely Amritsar, Tarn Taran, Faridkot, Fatehgarh Sahib, Sangrur, SAS Nagar, Bathinda, Mansa, Fazilka & SBS Nagar have convened meeting in the month.</p> <p>Single District Environment Committee (DEC) notified to monitor various environmental issues and review of Action Plans at district level. It is necessary that District Magistrates shall ensure regular review meetings of DEC and report monthly data to DoE for responsible execution of the plans and systematized flow of verified information from District to State.</p>
2	Approval of SWM Action Plans by ULBs	Total 162 Plans approved till November, 2019 against timeline up to 30.11.2019.
3	Identification and procurement of sites for solid waste processing facilities and landfill sites	DLG has made an interim arrangement for Nayagaon ULB, till the separate site is finalized.
4	Setting up of Aerobic Composting pits by all local bodies	Total 5143 pits (i.e. 85.7%) constructed against the target of 6000. Department need to complete the target by 31.12.2019.
5	Setting up of Material Recovery Facilities	Total 118 MRFs have been set up against the target of 600 by 31.12.2019.
6	Setting up of RDF/WTE Facilities	Only one WTE facility exists. There is hardly any time left to achieve the target within the committed timeline of 31.12.2019.

7	Setting up of suitable sites for setting up sanitary landfill facilities	<p>Activity remained Non-starter. No Sanitary Landfill site exists in the State, till date.</p> <p>DLG has not been able to execute their plan of clearing 25% area of existing dump sites for converting into SLFs.</p>
8	Enforcing waste generators to practice segregation at source, transportation and D2D collection	<p>Progressing satisfactorily for D2D collection (i.e 95.1 %), however, SS is still far from satisfaction. Only 55% target achieved against timeline upto 31.03.2020.</p> <p>DoE has advised DLG to call explanation of responsible officers of identified underperforming ULBs (vide letter no. 2365 dt. 09.12.2019) for responsible execution of Plan.</p>
9	Compliance by Bulk Waste Generators	<p>Till date, only 165 BWGs are complying out of 1217 identified.</p> <p>DoE has advised DLG to call explanation of responsible officers of identified underperforming ULBs (vide letter no. 2365 dt. 09.12.2019) falling in ensuring compliance by BWGs.</p>
10	Onsite waste management of green/ horticulture waste	<p><i>In-situ</i> management of green waste initiated in 705 (18 %) parks/green belts against the target of 3816.</p>
11	GPS tracking of mechanized collection and transportation vehicles	<p>Till date, 793 out of 1238 mechanized vehicles are equipped with GPS system.</p> <p>DLG has been directed by NGT committee to perform audit of GPS tracking modules and devise a mechanism for receiving the alerts for timely action.</p>

12	Bio-remediation or capping of old and abandoned dump sites (Treatment of Legacy Waste)	<p>Progressing very slow. Remediation work initiated in only 10 ULBs namely SBS Nagar, Patiala, Jalandhar, Jagraon, Qadian, Fatehgarh Churian, Lehragagga, Kharar, Amritsar & Sultanpur Lodhi.</p> <p>DLG has to complete the remediation work for legacy waste management in the notified model cities/towns, in compliance of NGT orders.</p>
13	Elimination of Garbage from vulnerable points	<p>Progressing extremely slow. Only 843 out of 3459 identified GVPs (i.e 24.3%) have been cleared, however, the target is to clear 100% sites by 31.12.2019.</p>
14	Prevention of mixing of SW into water bodies/ drains/ rivers etc.	<p>DLG reported that arrangements have been made at 53 sites out of 135 identified sites.</p>
15	Monitoring of Processing sites by the Board	<p>Only 13 sites (i.e. 13.8%) visited against the target of at least 25% in the month. Out of which, 1 site found non-complaint and action initiated for same.</p> <p>PPCB to ensure achieving monthly target of inspections and also to focus in bringing non-compliance < 2%.</p>
16	Monitoring compliance regarding Model cities/ towns/ Villages	<p>The status of compliance w.r.t key activities of SWM in the notified cities/towns is annexed at Annexure-1.</p> <p>DRDP has initiated solid waste management practices in 17 villages out of 66 notified villages.</p>

(ii). Review of progress on Compliance to Bio-medical Waste Rules.

Progress up to the month of November, 2019 w.r.t following activities pertaining to management of Bio-medical waste is as follows:

Sno.	Activity	Assessment/ Observations of the Department of Environment
1	Identification & Authorization of the new HCFs	5923 HCFs authorized against target of 13385. Inventorization process completed by the Board, however, progress w.r.t grant of authorization is slow. Need to be expedited by PPCB.
2	Meetings of the Committees constituted under BMW Rules, 2016	Department of Health is neither conducting regular meetings nor providing data/progress as per the prescribed formats.
3	Monitoring of HCFs and CBWTFs	7.8% non-compliance reported during the month. Board to focus on bringing percentage non-compliance < 2%.
4	Installation of the ETPs by Govt. HCFs	Progress is extremely slow. Only two district hospitals, Gurdaspur and SBS Nagar have installed ETPs. Tender called for 44 HCFs.

(iii). Review of progress on compliance of C & D Waste Management Rules.

Progress upto the month of November, 2019 w.r.t following activities pertaining to C & D waste management is as follows:

Sr. no.	Activity	Assessment/ Observations of the Department of Environment
1	Formulation of Policy by State Govt.	Draft policy prepared. Inputs from other concerned departments shall be sought before finalization.

Sr. no.	Activity	Assessment/ Observations of the Department of Environment
2	Identification & Notification of Sites for C & D Waste	Total 190 sites notified. Progressing satisfactorily
3	Commissioning & implementation of processing/ recycling facility	One facility has been set up
4	Sanctioning of waste management plans of generators	No progress

(iv). Review of progress on compliance of Plastic Waste Management Rules

Progress upto the month of November, 2019 w.r.t following activities pertaining to Plastic waste management is as follows:

Sno	Activity	Assessment/ Observations of the Department of Environment
1	Framing of bye-laws by all ULBs incorporating provision of the Rules	Bye-laws for plastic waste has been finalized by the Department.
2	Monitoring of Producers, Importers and Brand owners under EPR	Only 34.8% (179/514) units registered till date, however, 100% registration needs to be done till 31.03.2020. Required attention of the Board.
3	Monitoring of the ban on plastic carry bags in the State	100% challans executed and Rs. 57,850/- recovered against the violations during the month.

(v). Review of progress on compliance of Hazardous Waste Management Rules

Progress upto the month of Nov, 2019 w.r.t following activities pertaining to Hazardous waste management:

Sno.	Activity	Assessment/ Observations of the Department of Environment
1	Inventorization & Authorization of hazardous waste generating units	2358units authorized against the 3202 identified units. Authorization data reflects satisfactory progress.
2	Monitoring of compliance of Hazardous Waste generating units	6.25% non-compliance reported during the month against the target of <5 %.
3	Installation of Incinerator at Common TSDF	Application for obtaining Environmental Clearance is pending with MOEF & CC. Board to follow up with Ministry to expedite installation of Incinerator.

(vi). Review of progress on compliance of E-Waste Management Rules.

Progress upto the month of Nov, 2019 w.r.t following activities pertaining to E-waste management:

Sno.	Activity	Assessment/ Observations of the Department of Environment
1	Inventorization of bulk consumers	Total 3228 bulk consumers inventorized till date. Progress is very slow. Effective strategy needs to be evolved.
2	Compliance of Extended Producer Responsibility	Progressing satisfactorily.
3	Grant of Authorization to Manufacturers, Dismantlers & Recyclers and its online updation	Board need to set up online system for seeking authorization.
4	Verification of facilities of dismantlers and recyclers for their infrastructure and records.	1 inspection carried out in the month of November 2019 Board to ensure the compliance.

Agenda No. 8.5 Review of Progress of implementation of Action Plans for Clean Rivers

Agenda No. 8.5.1 Monitoring of Water Quality of Rivers

i. Status of water quality of polluted river stretches

S.N.	River Stretch	Baseline (2018-19)	Target	Progress upto Nov., 19
1	Sutlej (Roopnagar to Harike Bridge)	C to E	B	C to E
2	Ghaggar (Sardulgarh to Mubarkpur)	D to E	B	D to E
3	Beas (AlongMukerian)	C	B	B
4	Beas (Sultanpur Lodhi to Confluence point to Beas)	C	B	B

Currently the water quality of polluted stretches is being monitored manually on monthly basis. The water quality in these stretches varies from Class C to E against desired water quality of Class B.

In order to review the variations and trends in water quality over the entire stretch of rivers and over a period of time, IIT Ropar is being requested to develop a model to analyze the data. The services of IIT Ropar have already been hired for developing low cost sensors for monitoring water quality.

ii. Installation of Real Time Water Quality Monitoring Stations

PPCB has placed the order for installation of 11 RTWQMS on 11.12.2019 and delivery would be received within 45 days. The structures for installation of RTWQMS would be constructed within 2 months.

iii. Development of low cost Sensor to monitor various parameters by IIT Ropar

IIT Ropar has commenced the work on the project. LoRa end node for data collection has been developed and determination of BOD of river water using online system and AI algorithm to analyse data at Cloud is under process.

iv. Setting up of Integrated Dashboard for online monitoring

Technical evaluation has been completed by PSCST. The Agency technically qualified is already working with various Boards in the country.

PSCST to expedite the process and set up integrated dashboard and needs to work towards detecting and eliminating various malpractices in the online system of reporting.

v. MIS for EPMS

The Department is developing online portal for collecting various progress reports regarding implementation of various action plans. Bid Process is underway.

vi. The Committee may accordingly review the matter.

Agenda No. 8.5.2 Review of monitoring of functioning of STPs

i. Status of STP Monitoring

Sr. No.	Agency	Total No. of STPs	Total Capacity (MLD)	No. of STP Monitored during Nov, 19	% Non Compliance (Nos.)
1	PWSSB	48	396	47	15% (7)
2	MES	10	26	7	28.6% (2)
3	MC Jalandhar	6	235	6	0%
4	MC Ludhiana	5	466	5	60% (3)
5	Other ULBs not maintained by PWSSB	8	100	7	28.6% (2)
6	DWSS	4	26	3	67% (2)
7	GMADA	3	51	3	0%
8	PDA	1	13	1	0%
9	BBMB	2	14	2	0%
10	PSIEC	1	2	1	100% (1)
	Total	88	1331	82	21% (17)

The % non-compliance of STPs has reduced from 46 % in April, 19 to 21% (17 Nos), due to effective monitoring and improvement in the operating practices of STPs.

ii. Reasons for non-compliance of STPs and timelines for compliance

Sr. No.	Name of STP/ Town	Tech.	Reason for NCs	Timelines for achieving Compliance
PWSSB (7)				
1	Jagraon-II	SBR	Lack of O& M	01.02.20
2	Goniana	WSP	Desilting required	15.02.20
3	Malout-I	WSP	Desilting required	15.02.20
4	Baretta	WSP	Desilting required	01.03.20
5	Bhikhi	WSP	Desilting required	01.03.20
6	Phillaur	WSP	Desilting required	01.02.20
7	Pathankot	SBR	Lack of O & M (under stabilization)	01.03.20
MCL (3)				
1	Jamalpur	UASB	STP machinery Defunct	31.10.22
2	Bhattian-I	UASB	Cleaning of FPU	31.10.21
3	Baloke-I	UASB	Component Breakdown (Degritting unit)	31.07.21
DWSS (2)				
11	Muktsar Sahib-I	MBBR	Needsmajor Repair	31.05.20
12	Muktsar Sahib-II	MBBR	Needs major Repair	31.05.20
MES (2)				
13	East Jalandhar Cantt-I	MBBR	Lack of O& M	30.06.20
14	West Jalandhar Cantt-II	MBBR	Lack of O& M	30.06.20
Other ULBs (2)				
15	Sham Chuarasi	WSP	Report not received	30.04.20
16	Kapurthala	UASB	Lack of O&M	31.13.20
PSIEC (1)				
17	DeraBassi	MBBR	Interference of untreated industrial effluent	15.01.20

All agencies have to clearly work out their planned maintenance and upgradation requirements in advance so that there is no default.

iii. Action taken by PPCB against non-compliant STPs

Month	Total no. of non-compliant STPs	No. of cases filed without any action	No. of cases where EC imposed	Cases filed for prosecution	No. of pending cases
April, 19	34	22	7	4	1
May, 19	46	30	8	4	1
June, 19	34	25	2	4	1
July, 19	31	9	16	4	1
Aug, 19	29	1	10	1	6
Sept., 19	19	1	7	-	8
Oct., 19	16	1	3	-	12
Nov., 19	17	-		-	17
Total	226	88	53	17 (4)	47

PPCB needs to empower the Regional Officers to monitor the STPs including taking action in case of non-compliance and levy of EC as per formula approved by NGT. This will reduce pendency and lead to prompt action thereby improving the regulatory oversight. Clear guidelines may be prescribed for Regional Officers and the senior officers shall monitor the working of Regional Officers.

iv. Action Taken by Agencies against the Operators/ Contractors

Penalties imposed by various agencies (in Lacs)				
Month	PWSSB	MC Ludhiana	MC Jalandhar	GMADA
April, 19	23.96	4.0	0	0
May, 19	1.55	3.76	0	2
June, 19	0.048	4.21	5.27	0
July, 19	0.187	2.05	4	2
Aug, 19	0.05	5.20	-	-
Sept.,19	0.32	1.28	-	-
Oct., 19	-	3.5	-	-
Nov., 19	0.11	-	-	-
Total	26.225	24	9.27	4

v. Progress of installation of OCEMS/CCTV

CCTV/OCEMS are to be installed on existing STPs by concerned departments by 31.12.19 as per the timelines given in the Action Plans. CTVs have been installed on 49 STPs out of total 86 STPs and the progress of installation w.r.t. other STPs is as follows:

Sr. No.	Agency	Total No. of STPs	DPR Stage	Tender Stage	Installation
1	PWSSB	48	-	-	48
2	MES	10	7	3	-
3	MCJ	6	-	6	
4	MCL	5	-	5	
5	Other ULBs	8	7	-	1
6	DWSS	4	3	1	-
7	GMADA	3	-	3	-
8	PDA	1	-	1	-
9	BBMB	2		2	
10	PSIEC	1	1	-	-
	Total	88	18	21	49

The department wise progress w.r.t installation of OCEMS is as under:

Sr. No.	Agency	Total No. of STPs	DPR Stage	Tender Stage	Commissioning
1	PWSSB	48	-	48	-
2	MES	10	7	3	-
3	MCJ	6	-	3	3
4	MCL	5	-	5	-
5	Other ULBs	8	8	-	-
6	DWSS	4	3	1	-
7	GMADA	3	-	3	-
8	PDA	1	-	1	-
9	BBMB	2	1	-	1
10	PSIEC	1	1	-	-
	Total	88	20	64	4

vi. Following issues are still pending to improve the functioning of STPs

- a) Policy for deducted the amount of O&M expenses from GST share of ULBs and passing it on to the O&M agency.
- b) O&M manual and revising the O&M contracts to ensure penalties are commensurate with the scale of EC.
- c) Transfer of O&M of ULBs other than Corporation town to PWSSB as the smaller ULBs don't have the technical expertise for the same.

vii. Reuse of Treated Wastewater of STPs

- a) DSWC has conducted feasibility study for reuse of treated wastewater of STPs of Ludhiana City for irrigation. It has been reported that treated

water of Balloke-II (105 MLD/SBR) is fit for irrigation as per water quality. The farmers are not willing to use treated water of other STPs due to black/brown color and foul order.

- b) Funds for projects approved to NABARD for utilizing the treated wastewater of 25 STPs is yet to be released by State Government.

viii. The Committee may review the matter.

Agenda No.8.5.3 Review of monitoring of functioning of CETPs

i. Status of CETP monitoring

SN	Name of CETP	Cap. (MLD)	Status
1	M/s. J.B.R Tech. Focal Point, Ldh.	0.5	Compliant
2	Leather Complex, Jalandhar	5	All tanneries closed as per directions of Hon'ble high Court
3	Leather Association Phillaur	0.035	Compliant

ii. Action taken by PPCB against non-compliant CETP

Month	CETP found non-compliant	Cases filed without any action	Levy of EC	Cases filed for prosecution	No. of pending cases
April, 19	1	-	-	-	-
May, 19	1	-	-	-	-
June, 19	1	-	25	3	-
July, 19	1	-	5	-	-
Aug, 19	1	-	-	-	1
Sept., 19	1	-	-	-	1
Oct., 19	1	-	-	-	1
Nov., 19	-	-	-	-	-

iii. Study of Electroplating Industrial effluent and CETP for Electroplating

- a) CETP having capacity 500 KLD has been installed by M/s JBR Technologies Pvt. Ltd., Ludhiana. The effluents generated by different electroplating industries are being collected and transported to the CETP site for treatment. MD, JBR Technologies had intimated that large number of units are not supplying their

effluents to full capacity to CETP.

- b) IIT Ropar in collaboration with PSCST have proposed to develop a management plan for generation of effluents from electroplating units and its transportation and treatment at CETP at Ludhiana covering various aspects. IIT Ropar advised to complete the work expeditiously in consultation with all the Stakeholders.
- iv. The Committee may review the matter.

Agenda No.8.5.4 Review of Monitoring of functioning of ETPs installed by Industries

i. Status of ETP Monitoring

River	Total No. of ETPs	No. of ETP monitored	No. of ETPs found non-compliant	%age of Non-compliance
Sutlej	443	90	20	22%
Beas	17	1	0	0%
Ghaggar	48	5	1	20%
Total	508	96	21	22%

ii. Action taken by PPCB against non compliant ETPs

Month	No. of ETPs found NC	Cases filed without penalty	Cases in which EC imposed	Sealing/ Disconnection	Prosecution	Pending cases
April,19	19	8	9	2	0	0
May,19	11	2	9	0	0	0
June,19	15	4	9	1	0	1
July,19	10	1	8	0	0	1
Aug,19	15	3	7	3	0	4
Sept, 19	17	2	5	0	0	10
Oct, 19	15	4	0	0	0	11
Nov., 19	21	1	0	0	0	20
Total	123	25	47	6	0	47

In order to ensure prompt action, the Regional Offices PPCB must be empowered to take action. Suitable guidelines may be prescribed for them such as formula for calculation of EC, which has already been prescribed by NGT. The Senior Officers shall monitor the working of Regional Officers.

iii. Installation of OCEMs in existing ETPs having discharge of > 50 KLD

No of Units	No Action Taken	Procurement Process	Installed	Commissioned
120	22	19	24	55

EC has been imposed on 40 units by PPCB w.e.f. 01.08.2019.

iv. The Committee may review the progress.

AgendaNo.8.5.5 Setting up of New/ Up-gradation/ Rehabilitation of STPs

i. Current Status of Progress

Sr. No.	Agency	Total No. of STPs to be constructed	Funds Tied Up	DPR Stage	Tender Stage	Under Construction	Completed
1	MCL	4	2	4	0	0	-
2	MCJ	3	3	3	0	0	-
3	MCP	1	1	0	0	1	-
4	PWSSB	68	46	25	25	13	5
5	DWSS	5	5	1	4	0	-
6	PSIEC	4	4	0	2	2	-
7	MES	2	2	1	0	1	-
	Total	87	64	33	33	16	5

ii. The progress in some cases has been considerably delayed:

Sr. No.	Agency	Total No. of STPs to be constructed	Comments
1	MCL	4	STP Jamalpur delayed by 10 months
2	MCJ	3	On time
3	MCP	1	On time
4	PWSSB	68	<ul style="list-style-type: none"> Land not available in 12 towns (funds not tied up in 3 towns) Sewerage not exist & funds not tied up - 8 towns Funds not tied up- 11 towns
5	DWSS	5	4 STPs delayed by 6 months
6	PSIEC	4	STP Nabha delayed by 6 months
7	MES	2	On time
	Total	87	

- iii. The timelines of 41 STPs (Sutlej: 23, Beas: 8, Ghaggar: 10) fall beyond the NGT specified timeline of 31.03.21. Out of these, the funds are yet to be tied up for 22 STPs.
- iv. NGT vide order dated 06.12.19 in O.A 673/2018 directed that 100% treatment of sewage be ensured by 31.03.2020 at least to the extent of in-situ remediation and before the said date, commencement of setting up of STPs & work of connecting all the drains & others sources of generation of sewage to STPs must be ensured. Failing which, Local Bodies and concerned departments of the States will be liable to pay compensation @Rs. 5.0 Lacs per month per drain for default in in-situ remediation and Rs. 5.0 lacs per STP for default in commencement of setting up of STP. Timelines for completing all steps of action plans including of setting up of STPs and their commissioning is 31.03.21. In case of default, compensation @Rs. 10.0 Lacs per month per STP would be liable to be paid.
- v. The Committee may accordingly review the matter.

Agenda No. 8.5.6 Review of Progress for Setting up of New CETPs

- i. **Progress of 15 MLD CETP for Cluster of Bahaurke Road, Ludhiana**
 - a) SPV has reported that 96% of the work is completed and till date an expenditure of Rs. 20.5 Cr has been incurred against the total cost of Rs. 23 Cr.
 - b) The balance 4% work towards establishing the lab, road construction, installation of flow meter, OCEMS, CCTV is likely to be completed by 31.01.20.
- ii. **40 MLD CETP for Dyeing Cluster of Focal Point, Ludhiana**
 - a) SPV has reported that 72% of the work has been completed and an expenditure of Rs. 40.00 Cr has been incurred against total cost of Rs. 55.42 Cr.
 - b) The balance Civil Work to be completed by 31.12.19, Electrical & Mechanical and connection of CETP outlet to outlet of STP Jamalpur by 31.03.20 and stabilization by 30.06.20.
- iii. **50 MLD CETP for the Dyeing Cluster of Tajpur Road and Rahon Road, Ludhiana**
 - a) SPV has reported that 42% of the work has been completed and an expenditure of Rs. 21.00 Cr against a total project cost of Rs. 56 Cr has been incurred till date.

- b) The balance Civil Work is in progress and to be completed by 15.04.20, Electrical by 01.01.20 and Mechanical by 21.01.20. The project to be completed by 18.05.20.
- iv. Besides delaying the submission of utilization certificates to Government of India, PPCB has also defaulted in issuing directions to the member units of cluster under Water Act, 1974 mandating them to set up CETP thereby making them liable for action including EC in case of default.
- v. The committee may review the current status.

Agenda No. 8.5.7 Progress of setting up of ETPs/ Biogas Plants for Dairy Waste

- i. PEDDA has signed agreement with MCL for setting up of Bio CNG Plant with the capacity of 12000 cum raw biogas@ per day at Tajpur Dairy Complex within 30 months with its own investment. The land lease agreement with GLADA would be signed by PEDDA shortly.
- ii. The tenders for setting up of ETP at Jamsheer Dairy Complex would be called by 31.12.19. The tendering for setting up of biogas plant for Jamsheer Dairy Complex has been completed.
- iii. MCL reported that DPR for setting up 5 MLD and 10 MLD ETPs at Tajpur and Haibowal Dairy Complex is under preparation to commission these ETPs by 31.12.2021.
- iv. The Committee may review the current status.

Agenda No. 8.5.8 Release of 200 cusec water into Buddha Nalla

DWR reported that the DPR is under preparation for release of 200 cusec water into Buddha Nallah from Sirhind Canal through Nillon drain and project will be completed by 31.12.20.