

Agenda

**7th Meeting of State Apex Committee to review progress of
Implementation of various Environment Protection Action Plans**



Date: August 29th, 2019 at 11.00 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. 7.1 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 Industries & Commerce
 - (v). The Administrative Secretary
Department of Transport
 - (vi). The Administrative Secretary
Department of Agriculture
 - (vii). The Administrative Secretary
Department of Water Resources
 - (viii). The Administrative Secretary
Department of Water Supply & Sanitation
 - (ix). The Administrative Secretary
Department of PWD (B&R)
 - (x). 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.7.2 Confirmation of the proceedings of the 6th Meeting held on 10.07.19

1. The minutes of the 6th meeting to review progress on Environment Protection Action Plans held 10.07.19 at 12.30 PM in compliance of various NGT Orders have been circulated to all the members vide Memo no. 10/352/2018/STE-5/1527381/1-10 dated 19.07.2019
2. The minutes may accordingly be confirmed.

Agenda No. 7.3 Review of Progress of implementation of Action Plans for Clean Rivers

1. Review of monitoring of Water Quality of Rivers

- (a). PPCB reported slight improvement in water quality D/S Budha Nallah confluence in River Sutlej, along Mukerian (Priority-V Stretch) from Class-C to Class-B (desired river quality) in River Beas, which could be due to rainy season. However, no improvement was observed in River Ghaggar.

- (b). River Rejuvenation Committee during its 6th meeting held on 09.08.2019 has directed PPCB installation of 11 Real Time Water Quality Monitoring Stations (RTWQMS) at Sutlej(4), Beas(1), Ghagger(4)and Budha Nallah (2) as per following revised timelines:
 - (i). Technical Evaluation : 31.08.19
 - (ii). Allotment of Work : 15.09.19
 - (iii). Delivery & Installation : 15.12.19

- (c). PSCST is collaborating with IIT Ropar for development of IoT based river water quality monitoring system and analysis of data for ascertaining the source of pollution & future projections. All the modalities of engagement to be completed before 30th August, 2019.

- (d). PSCST is also working on setting up of integrated dashboard for environmental compliances using real time online quality monitoring systems.

2. Monitoring of STPS

- (a). PPCB monitored 80 STPs out of the total 86 STPs in July 2019. 41% STPs (33 nos.) have been found non complaint as per prescribed standards of BOD & TC with 48% non-compliance in terms of capacity (549 MLD).

- (b). The % non-compliancehas decreased during the last 6 months which could be due to effective monitoring and improvement in the operating practices of STPs.

(c). Agency wise status of non-compliance of STPs for the month of July 2019 is as under:

Sr. No.	Agency	Total No. of STPs operated	Total Cap. (MLD)	No. of STP Monitored In July,19	% Non Compliance (Nos)	% Non Compliance (Capacity)
1	PWSSB	48	396	46	33% (15)	35%
2	MES	10	26	9	78% (7)	56%
3	MC Jalandhar	6	235	6	17% (1)	43%
4	MC Ludhiana	5	466	3	67% (2)	66%
5	Other ULBs	7	96	7	71% (5)	42%
6	DWSS	4	25	3	67% (2)	64%
7	GMADA	3	51	3	33% (1)	87%
8	PDA	1	13	1	0%	0%
8	BBMB	2	14	2	0%	0%
	Total	86	1325	80	41% (33)	48%

(d). Reasons for non-compliance of STPs

The reasons for non-compliance of the STPs for the month of July 2019 as reported by the respective agencies are as under:

	Mixing of industrial effluents & dairy waste	Cleaning of FPU's in case of UASB	Inadequate Chlorination	De-silting in case WSP	Other reasons	Total
No of STPs	3	1	15	6	8	33
Cap (in MLD)	217	20	161	18	133	549

(e). Action taken by PPCB against non-compliant STPs

Month	Total no. of STPs found non-compliant	No. of cases filed without any action	PBG/ EC	Cases filed for prosecution	No. of pending cases
April, 19	36	14	4	7	11
May, 19	46	22	5	7	12
June, 19	34	20	0	6	8
July, 19	31	0	0	0	31
Total	147	56	9	20	62

(f). Action Taken by Agencies against the Operators/ Contractors

Recoveries made by various agencies (in Lacs)				
Month	PWSSB	MC Ludhiana	MC Jalandhar	GMADA
April, 19	23.96	0	0	0
May, 19	1.55	0	0	2
June, 19	0.048	50.88	5.27	0
July, 19	0.187	-	4	2
Total	25.745	50.88	9.27	4

(g). Operation & Maintenance Manual of STPs

The O&M Manual of STPs prepared by PWSSB has been discussed in detail with all the concerned agencies during the meeting held 22.08.2109 under the Chairmanship of PSSTE. PWSSB was directed to revise the draft Manual within 2 weeks time.

(h). Progress of installation of OCEMS/CCTV

CCTVs have been installed on 49 STPs out of total 86 STPs. However, OCEMS has been installed on only 3 existing STPs at Jalandhar. The OCEMS & CCTV in remaining STPs are to be installed by 30.11.19, failing which EC be imposed on the concerned Departments/ Agencies.

3. Monitoring of CETPs

- (a). Out of 3 monitored CETPs, CETP of 5 MLD at Leather Complex, Jalandhar has been found non-compliant. The CETP has been found consistently non-compliant since March, 2019.
- (b). PPCB reported that a penalty of Rs. 25.00 Lacs has been imposed on CETP Leather Complex on account of non-compliance and 3 complaints have been also filed against PETS and CETP operator in the Court of CJM, Jalandhar.
- (c). Further, the CETP electroplating to strengthen the GPS based IT system for monitoring the quantity lifted and the movement of tankers deployed for collecting the effluent.

4. Monitoring of functioning of ETPs installed by Industries

- (a). 8% (42 no.) of industries has been inspected by PPCB in the month of July against the target of 10%, out of which 10 industries (24%) found non-compliant. Further, only one inspection carried out by CEE, and none by Chairman, PPCB.No independent third party inspections have

been carried out as directed by the NGT Committee.

- (b). PPCB reported that out of 119 industries, OCEMS commissioned in 33 industries and installed in 8 industries. PPCB to take action against the remaining units for non-installation of OCEMS by 31.07.19. EC shall be imposed for delays in accordance with the order dated 17.07.2019 of NGT in Sobha Singh Case.
- (c). The details of action taken against the non-compliant industries/ ETPs are as under:

Month	No. of ETPs found non-compliant	Cases filed without action	PBG/EC	Sealing/ Disconnection	Prosecution	Pending cases
April, 19	21	1	7	2	0	11
May, 19	11	1	5	0	0	5
June, 19	15	0	4	1	0	10
July, 19	10	0	0	0	0	10
Total	57	2	15	3	0	36

5. Setting up of New/ Up-gradation/ Rehabilitation of STPs

- (a). The current progress for setting up of the 87 STPs viz-a-viz timelines provided in the Action Plans by the concerned departments is given below:

Sr. No.	Agency	Total No. of STPs to be constructed	Funds Tied Up	DPR Stage	Tender Stage	Under Construction
1	MCL	3	0	3	0	0
2	MCJ	3	0	3	0	0
3	MCP	1	1	0	0	1
4	PWSSB	68	44	36	16	16
5	DWSS	5	1	5	0	0
6	PSIEC	4	4	2	0	2
7	MES	2	2	1	0	1
	Total	86	52	50	16	20

- (b). There are 13 cases where PWSSB is not able to proceed due to land acquisition.
- (c). There are 5 cases where PBSSB has not been able to proceed due to lack of response from the contractors. The Department has now taken some policy decisions, which may help attract bidders.
- (d). 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 w.e.f 01.04.2019. This matter is pending since long time. Lack of compliance may invite action from NGT.

- (e). The Department was also directed to expedite selection of low cost technology for the towns having no sewerage system as per the recommendations of Technical Committee setup under the Chairman, PPCB.

6. Review of Progress for Setting up of New CETPs

- (a). Current status of Progress of Setting up CETPs

S no.	Project	Target Date of Completion	Progress upto 31 st July, 19		
			DPR	Tender	Status of Work
1	Setting up of 15 MLD CETP at Ludhiana	30.06.19	100%	100%	85%
2	Setting up of 40 MLD CETP at Ludhiana	31.08.19	100%	100%	63%
3	Setting up of 50 MLD CETP at Ludhiana	31.01.20	100%	100%	25%
4	Setting up of 0.15 MLD CETP at Jalandhar	31.03.20	100%	100%	5%
5	Up-gradation up of 5 MLD CETP and setting up of 6 MLD at Leather Complex, Jalandhar	-	50%	-	DPR under vetting with CLRI

- (b). PPCB imposed EC of Rs. 30,000/day to the SPV of 15 mld CETP w.e.f. 01.07.19. PPCB informed that 15 MLD CETP will be fully functional within 3 months.
- (c). PPCB has given hearing to SPV of 40 MLD CETP and 50 MLD CETP wherein it was directed to meet the target timelines, failing which EC will be imposed.
- (d). PPCB to put in place a legally binding system for successful operation and maintenance of CETPs.

7. Progress of setting up of ETPs/ Biogas Plants for Dairy and Misc. Waste

- (a). MCL reported that it has been decided not to shift the Tajpur Dairies and draft feasibility report is under vetting by PMIDC.
- (b). MCL to take up the matter with PEDDA to facilitate the setting up of the Biogas Plant for Tajpur Dairy Complex
- (c). MCJ reported that the DPR for setting up of ETP is under preparation

and the ETP is to be commissioned by 31.12.21.

- (d). MCJ reported that lease agreement is being signed for setting up of biogas plant for Jamsheer Dairy Complex and the plant work is likely to be commissioned by 31.03.22.
- (e). MCL to provide firm timelines for setting up of ETPs & Biogas Plants for management of dairy waste.

8. Release of 200 cusec water to Buddha Nallah

- (a). PPCB & MCL have jointly agreed to fund the proposal of Rs. 5.77 crore on 50:50 basis to Department of Water Resources
- (b). It was reported by DWR that the project will be completed within a period of one year after the release of funds. MCL and PPCB have been directed to release their share of cost.

9. Review of progress w.r.t. release of 150 cusec of water from MukerianHydel Channel to Holy Bein

DWR reported that necessary funds amounting to Rs. 2.5 Cr have been approved by Govt. of Punjab and project would be completed by 15.10.19

10. Review of progress for setting up of treatment facilities in villages

- (a). DRDP reported that out of 167 villages to be taken up in Phase-I, the work in 28 villages are likely to be completed by 30.09.19. The preparation of DPR for the remaining villages is under progress
- (b). Overall the progress is quiet slow

11. Reuse of Treated Wastewater of STPs

- (a). DSWC reported that it is carrying out feasibility study for reuse of treated wastewater of STPs of Ludhiana City for irrigation purpose. The study shall be completed by September 2019.
- (b). The proposal for utilizing the treated wastewater of 25 STPs for irrigation has been cleared by FD, Government of Punjab and further submitted to NABARD for consideration of funds.

Agenda No. 7.4 Review of implementation of Action Plans for Clean Air

(i). Review of Progress w.r.t. various activities by PPCB

Progress upto the month of July, 2019 w.r.t activities pertaining to Punjab Pollution Control Board are given below:

Activity No.	Activity	Progress as on July, 2019/ Observations	Remarks of DECC
CIE -1	Conversion to Side Suction Hood in Induction Furnaces (IFs)	76 (47%) units converted out of total 163 units.	Slow
CIE -2 (i)	Conversion of Industries from Coal to CNG/ PNG	14 (1.5%) units converted out of total 914 units. PPCB informed that it has issued public notice u/s 31 of Air Act for all rolling mills in MGG to shift to CNG before 31.12.2019.	Final outcome awaited
CIE-3	Conversion of Natural Draft Brick Kilns to Induced Draft	28 (40%) Brick Kilns converted to Induced Draft out of total 101 units.	Slow
CIE-4	Action against Non-Complying Industrial units	Regional Office: <ul style="list-style-type: none"> • 1030 (45%) industries inspected. • 159 (15%) industries found not complying: • Action in process against 139 (90%) non-complying units. (No action initiated against 18 units at Ludhiana) • Action taken - 04 industries closed for non-compliance. 	More targeted inspections and imposition of EC is required.

CBGB-3	Control on burning of agriculture waste and crop residue	Recovery of EC is pending	Slow
COS-1	Dissemination of Air Quality Index	No progress	Non-Starter
COS-2&3	Establish an Air Quality Management Division at SPCBHQ and helpline in each city as well as SPCBHQ	The Board is proactively considering the matter.	Non-Starter
COS- 4	Monitoring of DG sets and action against violations	<ul style="list-style-type: none"> • 374 DG sets inspected • 29 (8%) found non complying • Action in process against 29 (100%) non-complying units 	EC to be imposed
COS- 5	Source apportionment study	PPCB informed that the study shall conclude within six months from the date of signing of MoU i.e 05.06.2019 in all the seven cities.	Slow
TCB-1	Training and Capacity Building Programme	PPCB has organized 2 days training program for its field & scientific staff regarding water & air quality monitoring.	Experts from CPCB, NEERI etc. may be invited
CIE-0	Air Quality Monitoring Report	<p>i) $PM_{10} = 50-174 \mu\text{g}/\text{m}^3$</p> <p>ii) Value of PM_{10} of only Dera Baba Nanak is less than $60 \mu\text{g}/\text{m}^3$</p>	Noted

(ii). **Review of Progress w.r.t the activities pertaining to Department of Local Government**

Progress up to the month of July, 2019 w.r.t activities pertaining to Department of Local Government is given below:

Activity No.	Activity	Progress as on July, 2019/ Observations	Remarks of DECC
CRD 1	Maintain pothole free roads/Patch work of roads	125 KM (62%) road length made pothole free out of 201km. No Progress by Khanna, Amritsar, Derabassi and Dera Baba Nanak ULBs.	Satisfactory
CRD 2	Water sprinkling on identified roads	39 Km/day of average road length is being sprinkled out of the total 157Km No progress by ULBs of Ludhiana ,Amritsar & Dera Baba Nanak.	Extremely Slow
CRD 2	Procurement of water sprinklers	2 (15%) water sprinkler has been procured out of the total target of 13sprinklers.	Extremely Slow
CRD 3	Procurement of Mechanical sweeping machines	No mechanical sweeping machine procured out of the total target of 13no.	Non-Starter
CRD 4	Creation of green buffers along road side	8159 (29%) trees/shrubs planted by out of total target of 28325.	Slow
CRD 5	Greening of parks, open areas, community places, schools and housing societies	13699 (25%)trees/shrubs planted by out of total target of 53850.	Slow

CRD 6	Installation of Water fountains at major traffic intersections	No water fountains installed out of total target of 7no. Nangal & Dera Baba Nanak ULBs are Non starter	Non-Starter
CRD 7	Kaccha/Brick Paved Roads to be made Pucca roads	0.2Km Kaccha road made Pucca by Patiala ULB out of total target of 83km. Jalandhar & Dera Baba Nanak ULBs are Non starter	Extremely Slow
CRD 7	Existing roads requiring recarpeting	65km (31%) of roads recarpeted out of total 207 km.	Slow
CRD 7	Pavement of road side using interlocking tiles	10.4km (17%) of pavement of road sides done out of 61km.	Extremely Slow
CVE 4	Creating parking infrastructure to prevent parking of vehicles in non-designated areas by designated parking lot site (Nos.)	DPR under progress for development of designated parking lot sites at MGG, Khanna & Derabassi, remaining ULBs are non starter.	Extremely Slow
CVE 4	Creating parking by developing Multi storey parking lots (Nos.)	DPRs of 3 multi story parking lots have been prepared by Ludhiana and for 1 multi story parking lot by Khanna. No progress has been made by other ULBs.	Extremely Slow

CVE4	Creating parking for trucks/ commercial vehicles (Nos.)	Estimate prepared by Mandi Gobindgarh No progress made by Khanna ULB.	Extremely Slow
CVE 4	Creating parking infrastructure to prevent parking of vehicles in non-designated areas	5 no. (24%) "Additional Roadside parking by yellow line" earmarked by Jalandhar and Khanna out of the total target of 21 roadside parking. Patiala, Amritsar & DBN are Nonstarter	Extremely Slow
CVE 4	Prevent parking of vehicles in non-designated areas by enforcement	190 (65%) no. "Additional No Parking" sign boards have been installed by Ludhiana, Khanna & Jalandhar ULBs out of total target of 294.	Satisfactory
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	8.5 (18%) Km of road length has been widened by Ludhiana and Patiala ULBs out of total target of 48 km.	Extremely Slow
CVE 6(b)	Road design improvement	Work is under progress for 42.7 Km of road length for Ludhiana ULBs.	Extremely Slow
CVE 7	Installation of intelligent traffic systems	Work under progress in Jalandhar city for introduction of intelligent traffic system under Smart City Project.	Extremely Slow

		Estimates sent for vetting by Patiala ULB, tender to be called No progress by other ULBs.	
CVE 8	Construction of expressways/ bypasses to avoid congestion	Work allotment under progress by Ludhiana ULB.	Extremely Slow
CVE 11 (b)	Introduction of CNG based city Bus Service	No progress has been reported by any ULBs.	Non-Starter
CBGB 1	Control on open burning of bio-mass in City	Cumulative progress is 437 (45%) pucca pits constructed out of total target of 969.	Slow
CBGB 2	Control on burning of municipal solid wastes	i) No. of inspections:1121 ii) No. of challans issued:240 (100%)	Satisfactory
CCDA 1(a)	Enforcement of Construction & Demolition Waste Rules	i) No. of inspections:2843 (71%) ii) No. of challans issued:511 (100%)	Satisfactory
CCDA 1 (b)	Development of Infrastructure of Construction & Demolition waste	i) No. of site developed for C&D waste processing :Nil ii) No. of site notified for C&D waste processing:10 (40%) iii) Quantity of C&D waste dumped at	Extremely Slow

		notified site: 941.2MT	
CCDA 2	Control measures for fugitive measures w.r.t Construction & Demolition Activities	i) No. of inspections:253 (34%) ii) No. of challans issued:27 (100%)	Slow
CCDA 3	Control measures for carrying the construction material enclosed/ covered vessels	i) No. of inspections:95 (8%) ii) No. of challans issued:8 (100%)	Slow

(iii). **Review of progress w.r.t the activities pertaining to PWD**

Progress up to the month of July, 2019 w.r.t activities pertaining to PWD is given below:

Activity No.	Activity	Progress as on July, 2019/ Observations	Remarks of DECC
CRD 1 (ii)	Maintain pothole free roads /Patch work of roads	33.74Km(60%) of road length completed out of total 56Km.	Satisfactory
CRD 7 (b-ii)	Existing roads requiring recarpeting	37.08 Km (38%) completed out of total 97Km.	Slow
CRD 7 (c-ii)	Pavement of road side using interlocking tiles	19.82 Km (29%) completed out of total 68Km.	Slow

CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	6.48km (18%) completed out of total 38Km.	Extremely Slow
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(iv). **Review of Progress w.r.t the activities pertaining to Department of Housing and Urban Development**

Progress up to the month of July, 2019 w.r.t activities pertaining to Department of Housing and Urban Development (various development authorities) is given below:

Activity No.	Activity	Progress as on July, 2019/ Observations	Remarks of DECC
CRD 1 (iii)	Maintain pothole free roads/Patch work of roads (PUDA)	21 Km work under progress out of total 21 Km at Patiala.	Slow
CRD 7 (a-ii)	Kaccha/Brick Paved Roads to be made Pucca roads	4.2 Km (38%) work under progress out of total 10.87 Km.	Slow
CRD 7 (b-iii)	Existing roads requiring recarpeting	11.94 Km (99%) completed out of total 12 Km.	Satisfactory
CRD 7 (c)	Pavement of road side using interlocking tiles	11.84 Km work under progress out of total 11.84 Km	Slow
CVE 6 (a)	Widening of roads and infrastructure for decongestion of roads	2.4Km(10%) work under progress out of total 23.54Km	Extremely Slow

CVE 8	Construction of expressways/ by passes to avoid congestion	Work of Missing Link Phase-III, (Malerkotla road to Dugri Road) allotted and same is under progress	Slow
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(v). **Review of Progress w.r.t the activities pertaining to Department of Transport**

Progress up to the month of July, 2019 w.r.t activities pertaining to Department of Transport is given below:

Activity No.	Activity/ Decisions	Progress as on July, 2019/ Observations	Remarks of DECC
CVE 1	Public awareness campaign for control of vehicular emissions	87 awareness campaigns organized.	Slow
CVE 2	Remote sensor based PUC system	Deptt. informed that all RTA's are directed that all PUC centres shall get their equipment updated from the manufacturer with Application Program Interface (API) by 31.07.2019.	Slow
CVE 9	Phasing out commercial diesel vehicles more than 15 years old.	Deptt. informed, the Central Govt., as per Section 59 of the Motor Vehicles Act, 1988 is empowered to fix the age limit of motor vehicles.	Non-Starter

CVE 10	Promotion of E-vehicles	Department informed that action is in progress at the level of Govt.	Non-Starter
CVE 11	Introduction of CNG based autos/taxis.	No progress on the matter reported by the department	Non-Starter

(vi). Review of Progress w.r.t the activities pertaining to Traffic Police

Progress up to the month of July, 2019 w.r.t activities pertaining to Traffic Police is given below:

Activity No.	Activity/ Decisions	Progress as on July, 2019/ Observations	Remarks of DECC
CVE 1	Public awareness campaign for control of vehicular emissions	1456 Public awareness camps	Satisfactory
CVE 3	Extensive drive against polluting vehicles.	4415 challans issued against polluting vehicles	Satisfactory
CVE 4	Prevent parking of vehicles in non- designated areas by enforcement actions	25478 challans issued to prevent parking of vehicles in non-designated area.	Satisfactory

(vii). **Review of Progress w.r.t the activities pertaining to Department of Industries**

Progress up to the month of July, 2019 w.r.t activities pertaining to Industries Department/ PSIEC is given below:

Activity No.	Activity	Progress as on July, 2019/ Observations	Remarks of DECC
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CRD 4	Creation of green buffers along the road side	600 (45%) no. of trees and shrubs has been planted out of total 1325.	Slow
CRD 7	Existing roads requiring re-carpeting	3 (9%) Km road length re-carpeted out of the total 31.9Km.	Extremely Slow
CIE 2	Creation of Infrastructure for CNG Pipeline	Meeting with stake holders held on this context on 13.08.2019. Nodal Officer was appointed in the meeting	Extremely Slow
CIE 5	Shifting of industries from non- designated areas to industrial Area	No progress	Non-Starter

(viii). **Review of Progress w.r.t the activities pertaining to Department of Food and Civil Supplies**

Progress up to the month of July, 2019 w.r.t activities pertaining to Department of Food and Civil Supplies is given at **Annexure-9**. The highlights of the same are given below:

Activity No.	Activity/ Decisions	Progress as on July, 2019/ Observations	Remarks of DECC
CVE 5	Check fuel adulteration	227 (26%) inspections carried out to check fuel adulteration and no violation was observed. Progress is slow in MGG, Khanna, Patiala, NayaNangal, Derabassi andDBN.	Slow

CVE 11	Infrastructure development for CNG filling stations	(50%) new CNG station and 4 (19%) existing petrol pumps upgraded to CNG filling station.	Slow
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Agenda No. 7.5 Review of Implementation of Action Plans for Waste Management

(i). Review of progress on Solid Waste Management

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

Sr. no.	Activity	Assessment/ Observations of the Department of Environment
1	Monthly Review Meetings by Deputy Commissioners	Only 12 meetings conducted by 7 th of the Month.
2	Approval of SWM Action Plans by ULBs	Total 138 Plans approved till July, 2019.
3	Identification and procurement of sites for solid waste processing facilities and landfill sites	Allocation of site by Nayagaon ULB still pending.
4	Setting up of Aerobic Composting pits by all local bodies	4079 pits constructed against target of 6000. Activity progressing satisfactorily
5	Setting up of Material Recovery Facilities	Only 114 MRFs set up against target of 600. Progress is quite slow.
6	Setting up of RDF/WTE Facilities	No progress. However, DoE has organized Stakeholders' meet to explore the technological options regarding RDF use/ viability of WTE on 9/08/2019.
7	Enforcing waste generators to practice segregation at source, transportation and D2D collection.	Only 39% target achieved. Deptt. need to intensify the efforts, as segregation is key for sound waste management.
8	Compliance by Bulk Waste Generators	3810 BWGs identified till date, out of which only 440 are complying. Progressing very slow.
9	Onsite waste management of green/ horticulture waste	<i>In-situ</i> management of green waste initiated in 688 (18 %) parks/green belts against the target of 3816.
10	GPS tracking of mechanized collection and transportation vehicles	GPS installed in 644 no of vehicles against target of 1238. Online tracking system is yet to be developed by DLG.

11	Bio-remediation or capping of old and abandoned dump sites (Treatment of Legacy Waste)	Progressing very slow. Remediation work initiated in 6 ULBs. DLG to present plan/ progress for Model cities (Amritsar, Bathinda & SAS Nagar) for management of legacy waste.
12	Elimination of Garbage from vulnerable points	Progressing very slow. DLG to emphasize on the activity.
13	Prevention of mixing of SW into water bodies/ drains/ rivers etc.	No strategy/ plan of DLG to prevent entry of solid waste into water bodies.
14	Monitoring of Processing sites by the Board	Only 39 sites (i.e 12.3%) visited against the target of at least 25% in the month. Out of which, 5 sites found non-complaint and action initiated for 2 only. PPCB to focus in bringing non-compliance < 2%.
15	Submission of Annual Report by each ULB to PPCB	163 ULBs have submitted Annual Report to PPCB.
16	Monitoring compliance regarding Model cities/ towns/ Villages	DRDP has yet not prepared strategy/plan for developing notified villages as model villages.

(ii). **Review of progress on Construction and Demolition Waste Management**

Progress upto the month of July, 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 but yet to be notified.
2	Identification & Notification of Sites for C & D Waste	163 sites notified. Progressing satisfactorily
3	Commissioning & implementation of processing/ recycling facility	Activity still a Non-starter

4	Sanctioning of waste management plans of generators	No progress
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(iii). Review of progress on Plastic Waste Management

Progress upto the month of July, 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	DLG yet to notify bye-laws for plastic waste
2	Monitoring of Producers, Importers and Brand owners under EPR	Only 19.7% units registered till date. Required attention of the Board.
3	Monitoring of Annual Return to be filed by ULBs	All 167 ULBs submitted Action Plans.
4	Monitoring of the ban on plastic carry bags in the State	Challans issued against 96% reported violations. Enforcement needs to be intensified.

(iv). Review of progress on Bio-Medical Waste Management, Hazardous Waste Management and E-Waste Management.

Progress upto the month of July, 2019 w.r.t following activities pertaining to management of Bio-medical waste, hazardous waste and E-Waste is as follows:

Sno.	Activity	Assessment/ Observations of the Department of Environment
1	Identification & Authorization of the new HCFs	4376 HCFs authorized against target of 12665. 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	35% non-compliance reported during the month. PPCB to focus on bringing percentage non-compliance < 2%.
4	Installation of the ETPs by Govt. HCFs	Progress is extremely slow. District hospital, Gurdaspur and SBS Nagar have installed ETPs. Tender called for 44 HCFs.
5	Monitoring of compliance of Hazardous Waste generating units	4.6% non-compliance reported during the month against the target of <5 %.
6	Inventorization of bulk consumers	Total 2660 bulk consumers inventorized till date. Progress is very slow. Effective strategy to be evolved by PPCB.