

**Minutes of 5th meeting of District Environment Committee
held on 30 July, 2020 at 4:00 PM, through WebEx
Under the Chairmanship of
Deputy Commissioner, Ludhiana**



Punjab Pollution Control Board

Minutes of 5th meeting of District Environment Committee held on 30.07.2020 at 4:00 PM through WebEx under the Chairmanship of Deputy Commissioner, Ludhiana

*List of the Officers who attended the Meeting is given at **Annexure-A**

Item No. 1:- Water quality and domestic effluent

S.No.	Activity	Responsible agency	Target/Timelines	Progress upto 30.06.2020	Decisions taken during meeting on 30.07.2020.
1.	Setting up of real time water quality monitoring system to monitor the quality of water	PPCB	Total monitoring station to be install at Satluj&BudhaNallah =4 Target date =31.03.2020	The Supplier of RTWQMS M/s NEVCO Engineers has informed that due to lockdown, the systems could not be shifted from the manufacturing location in Germany. The supplier has informed that the equipment shall be shifted from manufacturing location in germany by 15-08-2020 after the resuming of international flight operations. Same has been delayed due to COVID-19.	It was decided that PPCB will ensure the installation of these monitoring stations, at the earliest.
2.	Monitoring of quality of water of River Sutlej and Buddha Nallah	PPCB	Monthly Monitoring	<ul style="list-style-type: none"> The Monitoring of Satluj & Budha Nallah was carried in the month of June, 2020 . There is not significant Improvement in water quality as comparison to previous monitoring. The MCL is required to inform regarding additional dosage mechanism to be work out to reduce T-coli/F- 	The committee reviewed the progress and Municipal Corporation, Ludhiana was directed to do the needful to achieve the desired value of total coliform& to insure that the STPs are operated efficiently to achieve the prescribed standards of PPCB.

				Coli..	
3.	Monitoring of discharge from Industries including ETPs and CETPs	PPCB (ROs)	Regular Inspection	<p>Total 39 units were visited in June, 2020 in the catchment area of river Sutlej.</p> <ul style="list-style-type: none"> • Complying units =21, • Not Complying=8, • Result awaited= 10. <p>Action against Not Complying units is under process.</p> <p>Only 01 CETP i.e. JBR Technology falls in the catchment area of River Satluj and is complying. Further, the List of Capitive ETP units have been supplied to ADC(D) Ludhiana through Email dated 04.06.2020.</p>	<ul style="list-style-type: none"> • PPCB to take appropriate action on regular basis against defaulting units. • ADC(D) was asked to constitute the teams of the officers consist of one officer of PPCB, one technical officer of Punjab Water supply & Sewerage Board/PWD& one scientific officer of Lab for random inspection of the units as per the list supplied by the PPCB.
4.	Monitoring of discharge from STPs and other disposal facilities	<p>i. Monitoring Quantity of discharge from STP's& disposal facilities within MC limit = MCL</p> <p>ii. Monitoring Quantity of discharge from the other STPs/disposal facilities outside city= Department of water resources.</p>	Monthly Monitoring	<p>Total 9 STPs falls in the catchment area of River Satluj. All the 9 STPs were visited in June, 2020 .</p> <ul style="list-style-type: none"> • Complying STPs =3, • Not Complying=6, <p>Action against Not complying STPs is under process.</p> <ul style="list-style-type: none"> • The MCL has informed that OCEMS & CCTV camera have been installed and commissioned at the STPs (Bhattian 50 MLD, Balloke 105 MLD, Balloke 152 MLD and Bhattian 111 MLD). 	<ul style="list-style-type: none"> • The Municipal Corporation, Ludhiana will insure that the STPs are operated efficiently to achieve the prescribed standards of PPCB. • The MCL will insure efficient operation of STPs to achieve desired parameters. • The MCL to install OCEMS at the STPs in time Board Manner. • PPCB to take the time bound action against the non-compliant STPs.

		iii. Monitoring of STP's & other disposals = PPCB		<ul style="list-style-type: none"> At Jamalpur STP OCEMS will be installed after the construction of new STP but CCTV camera has been installed on it. However OCEMS are yet to be installed at STPs, Sahnewal, Machhiwara & Jagroan 	
5.	Design of new STPs (i) Design projects to cover entire population with sewerage network system and its connection with STP. (ii) Design Sewage Treatment Plants of adequate capacity (iii) Design as per the prescribed standards	Department of Local Govt. /MCL	STP Jamalpur, STP Balloke and rehabilitation of existing STP's As per Sutlej action plan = 31.12.2020	<ul style="list-style-type: none"> The MCL has submitted the progress for installation of the new STPs/up-gradation of STPs. As per Sutlej Action Plan Timelines are 31.12.2020. However, now the MCL has given the target timelines for the same as 30.10.2022. EO Raikot & EO, Samrala is required to submit the latest status of construction of the STPs. 	<ul style="list-style-type: none"> The MCL & PWSSB officers informed that the pre-bid meeting with PMDIC has been fixed for taking further decision in the matter. EO Raikot & EO, Samrala was directed to submit the latest status of construction of the STPs to the Committee within 7 days. The committee directed to all the concerned departments to speed up the work of the same. It was also decided that till the STP of adequate capacity are not installed till then Bio remediation should be provided to stop the direct discharge in Budha Nallah.
6.	Construction of new STPs	Department of Local Govt.	No further land acquisition is	The MCL informed that construction of the new STPs will	As decided in Item no. 5.

	(i) Monitor land acquisition closely as it is pre-requisite for setting up of STPs		required.	be carried out on existing STP area hence no further land acquisition is required.	
	(ii) Construction of STPs as per timelines mentioned in the action plan		As per Sutlej Action Plan Timelines are 31.12.2020.	Tender has been floated by the PWSSB. As per Sutlej Action Plan Timelines are 31.12.2020. However, now the MCL has given the target timelines for the same as 30.07.2022.	
	(iii) Ensuring regular flow of funds during construction		-	MCL has informed Funds tied up under AMRUT and smart city mission.	
7.	Operation and Maintenance of STPs	Department of Local Govt.		MCL has informed that Needful is being done.	<ul style="list-style-type: none"> SE, MCL inform that CCTV cameras and OCMS meters have been provided on all the STPs for its regress monitoring. The committee directed to operate the STP properly and adequately on regular basis.
	(i) Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner		Regular activity.	MCL has informed that Needful is being done.	The committee directed to all the concerned departments to ensure the regular arrangements of the funds for smooth operation of the STPs.
	(ii) Providing proper in-house laboratory facilities at each STP for maintaining record of characteristics of analysis of untreated as well as treated waste water		Regular activity.	MCL has informed that Needful is being done.	The committee directed to all the concerned departments to ensure the establishment of in-house laboratory facilities at each STP for maintaining record of characteristics of analysis of

					untreated as well as treated waste water
	(iii) Installation, operation & maintenance of online continuous effluent monitoring system as well as CCTV cameras for the existing STPs as well as new STPs to be installed			<ul style="list-style-type: none"> The MCL has informed that OCEMS & CCTV camera have been installed and commissioned at the STPs (Bhattian 50 MLD, Balloke 105 MLD, Balloke 152 MLD and Bhattian 111 MLD). At Jamalpur STP OCEMS will be installed after the construction of new STP but CCTV camera has been installed on it.. However OCEMS are yet to be installed at STPs, Sahnewal, Machhiwara & Jagroan PWSSB is required to submit the exact date of commissioning of the same. 	The Committee directed the Concerned departments to install the same on the remaining STPs, wherein it is not Installed at the earliest without any further delay.
8.	Reuse of treated effluent through STPs	Department of Agriculture		<p>The department of soil has informed as under:-</p> <ul style="list-style-type: none"> STP Khanna (29 MLD) = STP is still not connected with sewage. Therefore work will be started after receiving completion certificate from PPCB. STP Balloke (2 no. 152 & 50 	The committee directed the Department of Agriculture for timely Completion of these schemes and to Complete the survey, where schemes are yet to establish.

				<p>MLD)= Feasibilities reports of irrigation projects have been sent to Department of Science and Technology by head office. Ludhiana is among the 16 towns of Punjab state under AMRUT programme project for reuse of waste water irrigation projects from 2 STPs of Balloke shall be taken under Phase-2 as per the action plan.</p> <ul style="list-style-type: none">• STP Jamalpur (50 MLD) = The water sample will be got tested for irrigation used from PAU then the survey of UGPL will be started.• STP Bhattian (2 no. 111 & 50 MLD)= The water sample will be got tested for irrigation used from PAU then the survey of UGPL will be started..• STP Machhiwara (4 MLD)= Underground pipe line has been laid for the use of treated water from STPs. Farmers are using the water for irrigation.• STP Sahnewal (7 MLD)= Preliminary Survey done	
--	--	--	--	--	--

				<p>but fund has not received.</p> <ul style="list-style-type: none"> • STP Jagroan (2 no. 16 & 12 MLD) = Preliminary Survey done but fund has not received. • The MCL is required to submit the status of using the treated effluent from STPs for construction activities and action taken for prohibition of use of ground water as per their by-laws. 	
9.	(i)Development of various urban estates	i. Department of Housing & Urban Development PSIEC for industrial Focal Points. PPCB		<ul style="list-style-type: none"> • No report has been received from the GLADA w.r.t. point no. 01. The GLADA is required submit the status regarding filling of FIR against the illegal colonies. • The List from the GLADA being checked thoroughly for identification and inspection work slowdown due to COVID-19 Lockdown. 	<ul style="list-style-type: none"> • The committee directed the Department of Housing & Urban Development file the FIR against the illegal colonies. • PPCB will do the identification of the above colonies as per list supplied by GLADA at their concerned regional office level and will take the further necessary in the matter.
	(ii) Construction, operation & maintenance of sewage networks and sewage treatment plants in areas developed/ to be developed by Department of Housing & Urban Development.				
10.	(i)Management of industrial Focal Points.	i. Department of Industries & Commerce (setup or transfer to it).		The MCL ensured regular maintenance and cleaning of the sewerage system.	The PSIEC and GLADA informed that the sewerage network of the Focal points has been connected with the MCL sewer and
	(ii)Construction, operation &				

	maintenance of sewage networks and sewage treatment plants.	ii. PSIEC			maintenance of Focal Point already handed over to MCL. The committee directed the MCL for regular maintenance and cleaning of the sewerage system
11.	Provision of necessary treatment facilities in village ponds so that no untreated or polluted water enters river directly or indirectly through various drains or creeks. (i)Finalization of appropriate technology	Department of Rural Development &Panchayat		The DDPO has informed that Funds of 21 villages released from treasury and DNITs are being prepared for tendering process.	Neither DDPO nor its Representative attended the meeting. Chairperson taken the serious View on it. It was directed that DDPO will submit its further report in this regard within 7 days positively through email at decludhiana@gmail.com.
	(ii)Arrangement of Funds for treatment technology in various villages identified in the Action Plan				
	(iii)Reuse of water for agriculture purpose				
	(iv)Proper operation and maintenance of treatment facilities installed in village ponds				
12.	Treatment and sanitation facilities in rural areas.	Department of Water Supply and Sanitation		The Department of Water supply & Sanitation, Khanna has submitted that a rough cost estimate amounting to Rs. 3572.56 lakhs has been prepared for prov. Sewerage schemes and	The committee directed the Department of Water Supply and Sanitation will do the needful for the earlier establishment of the sewerage network and pond in these 17 villages in time bound

				<p>Sewerage Treatment Plant in 17 villages (1. Behlolpur 2. Bulewal 3. Lubhangarh 4. Gurugarh 5. Lakhowal Kalan 6. Manewal 7. Powat 8. Rahimabad Kalan 9. Rahimabad Khurd 10. Sehjo Majra 11. Bhama Kalan 12. Bhama Khurd 13. Gehlewal 14. Kalas Kalan 15. Kalas Khurd 16. Kum Kalan 17. Kum Khurd) of Distt Ludhiana adjoining to budha nalhah both up and down stream sent to Deputy Commissioner Ldh vide this office letter no. 354 dt. 23.01.2020 for approval. For preparation of Detail Project Report (DPR) in these 17 no. villages funds to a tune of Rs. 9 lakhs (Rs. 5 lacs for digital survey and consultant charges Rs. 4 lakhs) has been demanded from Head of Department DWSS Mohali vide this office letter No. 3213 Dated: 16-06-2020 under component-4, which has not yet been received. As soon as funds received survey work in these villages will be started.</p>	<p>manners so as to stop the discharge in the BudhaNallah/River Sultlej .</p>
--	--	--	--	---	---

13.	Implementation of various schemes for utilizing the treated wastewater from urban and rural treatment facilities for irrigation by the farmers.	The Department of Agriculture through the Directorate of Soil and Water conservation		The department of soil conservation and DDPO is yet to be submitting the latest status in this regard to the committee.	The department of soil conservation and DDPO was directed to submit its report in this regard with in 7 days as decided in the meeting of DEC dated 9.03.2020.
	(i)Design the project as per the standards				
	(ii)Follow up with various funding agencies to arrange funds				
	(iii)Executing the schemes as per the timelines provided in the plan				
14.	(i)Checking of health indices of the in-habitants & maintaining database	The Department of Health and Family Welfare		<ul style="list-style-type: none"> The Department of Health and Family Welfare is required to submit the status of sampling and awareness camp conducted of June, 2020. MCL is required to submit the status of action taken with respect to earlier fail samples for making them portable. . 	<ul style="list-style-type: none"> No body from Health Department attended the meeting, it was decided that The Department of Health and Family Welfare will submit the status of sampling and awareness camp conducted of June, 2020 within 7 days through email at decludhiana@gmail.com.
	(ii)Holding awareness camps in the catchment area of River Sutlej to make the public aware regarding water borne diseases				

15.	(i) Measurement of flow at different locations of River Sutlej & drains.	DWR		<ul style="list-style-type: none"> The drainage department submitted its monthly report and discharge of BudhaNallah in river Sutlej is 290 CS.. 	The Drainage Department reported that discharge of Budha Nallah in river Sutlej is 290 CS and monthly reports are being supplied by them.
	(ii) To stop unauthorized discharge in the drains.			<ul style="list-style-type: none"> The PPCB has informed that the 23 dairies located outside MC limit near Bhamian Kallan have not submitted the compliance, hence these dairies have been issued final notice of hearing on 21.07.2020 before the worthy Member Secretary of the Board The drainage department has informed that notices have been issued to the village Surpanch BDPO have been issued by this office and concerned police has been instructed for taking legal action against the Culprit dairy owner for throwing dairy waste in to the Budha Nallah. The MCL id required to submit its report 	<ul style="list-style-type: none"> Chairperson directed that MCL will take the action against the dairies falling within MC limit, which are discharging their effluent directly into BudhaNallah as already decided in NGT Monitoring Committee meeting dated 13.02.2020. It was decided that if any one is polluting the drain outside the MC limit then drainage department should take stringent action against the defaulters.

16.	Closure of various outlets discharging into Buddha Nallah	Department of Local Government.		The MCL is required to submit the latest status in this regard in the meeting.	It was decided that the MCL to take the action in this regard as per the direction issued by the the monitoring committee through its proceedings of meeting dated 13.02.2020.
17.	(i)Provision of ETPs for 2 dairy complexes located at Tajpur Road and Haibowal, Ludhiana.	i. Department of Local Government. ii. Punjab Energy Development Agency		<ul style="list-style-type: none"> The MCL has submitted the Timelines for construction of the ETP for dairies. According to this timelines the date of commissioning of the project is 30.04.2022. Show cause notice has been issued to Joint Director, PEDDA vide letter no. 207 dated 15.04.2020 by the Deputy Commissioner , Ludhiana 	It was decided that the MCL & PEDDA to take the action in this regard as per the direction issued by the monitoring committee through its proceedings of meeting dated 13.02.2020.
	(ii)Provision of Bio-gas plants for the dairy complexes.	ii.	30 months from the date of demarcation of land i.e. by July 2022.	The PEDDA has submitted its report that the date of commissioning of the project is scheduled on July 2022. However, this may extend in view of the COVID-19 PANDEMIC, which cannot be calculated at this moment as setting up of this type of projects involves part of plant & machinery required to be imported. All out efforts will be made by PEDDA to complete the	It was decided by the Committee that all out efforts will be done by PEDDA to complete the project expeditiously within timelines.

				project expeditiously.	
18.	Shifting of scattered dairies from the City	Department of Local Government.		The MCL has not submitted its report in this regard and required to submit in the meeting.	<ul style="list-style-type: none"> • The Committee taken the serious view due to no submission of report . • It was decided that MCL will check the availability of unsold vacant plots in Haibowal dairy complex so as to give the same to the needful for shifting of the scattered dairies from the city and will submit its report through email at decludhinana@gmail.com.
19.	Revival of Lower Buddha Nallah to use the treated waste water of Ludhiana City carried by Buddha Nallah for irrigation purposes.	Department of water Resources.	To prepare a detailed Action Plan in consultation with MCL and PPCB	The Department of water Resources submitted that this scheme is not feasible due to number of technical aspects.	The Department of water Resources was directed to check the another alternative for this purpose.
20.	Shifting of small scale scattered dyeing units in Ludhiana	PSIEC & PPCB		<ul style="list-style-type: none"> • The PSIEC has informed that it is offering Plots at Tajpur road Ludhiana through e-auction from dated 08/07/2020 to 22/07/2020. • The small scale scattered dyeing units are being requested to shift at Tajpur Road Ludhiana. 	The chairperson decided that PPCB & PSIEC will coordinate together to check the feasibility of the same for shifting the scattered units.

21.	Construction of Slaughter house and Caracass plant a. Modernization of existing slaughter house located at Ludhiana	Municipal Corporation, Ludhiana	25.01.2020	<ul style="list-style-type: none"> The MCL has informed that the work of slaughter house has already been completed. Tenders were invited for O&M of slaughter House. The case has been approved from F&CC meeting held on 24-06-2020. LOA is to be issued soon. 	The committee reviewed the progress and it was decided that the MCL will take the strict action against the illegal slaughtering so that slaughtering occurs only at this slaughter house.
			30.10.2020	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> It was decided that carcase plant must be completed at the earliest without any further delay. MCL was directed to submit the PERT chart for the establishment of the carcass plant within prescribed timeline. 5 sites which have been identified by MCL for present disposal of carcass till carcass plant is not installed, auction of the same is yet to be done. It was decided that MCL & PPCB will jointly visit these sites for checking its adequacy.

	b. Installation of Caracass utilization plant.			The MCL informed that work of installation of carcass plant near Noorpur Bet village is in progress and is to be completed by 30-10-2020. The Pert chart for the same is yet to be submitted by the MCL.	
22.	Closure of HaddaRodis located at Ladhowal, Ludhiana.	District Administration		<ul style="list-style-type: none"> • PPCB has informed that the EC to the tune of 2.27 cr., has been imposed on the each Hadda Rodi operator. At Ladowal Road, Ludhiana • The MCL informed that work of installation of carcass plant near Noorpur Bet village is in progress and is to be completed by 30-10-2020. The Pert chart for the same is yet to be submitted by the MCL. • The MCL yet has to submit the written detail of newly identified five sites for joint inspection with PPCB. 	As per decision taken at Sr, no 21.
23.	Stopping solid waste/ garbage being thrown into Buddha Nallah	Municipal Corporation, Ludhiana		The MCL is required to submit the will give the time line & progress in this regard.	MCL submitted its report it was directed that MCL will ensure the completion of the work related to it at the earliest.
24.	Installation of Online Continuous Monitoring System by	Punjab Pollution Control Board.	-	Already installed.	Already installed

	1. CETP for electroplating units				
	2. CETP 50 MLD for dyeing cluster at TajpurRahon Road, Ludhiana		3 months after commissioning & stabilization of CETP.	CETP under construction.	It was decided that PPCB will ensure the installation of the same within target time lines.
	3. CETP 40 MLD for dyeing cluster at Focal Point, Ludhiana		3 months after commissioning & stabilization of CETP.	CETP under construction.	It was decided that PPCB will ensure the installation of the same within target time lines.
	4. CETP 15 MLD for dyeing cluster at BahadurkeRoad, Ludhiana		3 months after commissioning & stabilization of CETP.	Installed	It was decided that PPCB will ensure the connection of the same within target time lines.
	5. 17 categories of industries.		Installed	OCEMS already installed.	The committee reviewed the progress.
	6. Industries with discharge more than 50 KLD and not connected with any CETP.		31.08.2019	Total units required OCEMS =60 OCEMS Installed =52 OCEMS Not Installed =08, Action= EC imposed, EC recovered= Rs. 3.70 Lakh	It was decided that PPCB will ensure the installation of the same within target time lines.
25.	Release of fresh water @200 cusec in Buddha Nallah from Sirhind Canal.	Department of Water Resources.	31.12.2020	The Department of Water Resources submitted as under:- Drawing of Escape Regulator (civil portion) has been prepared by Central Designs Office, Chandigarh and estimate of the same is prepared by this office and sent to higher office for Sanction. Remaining structural drawings are being prepared by	It was decided that Department of Water Resources will speed up the work related to it for timely completion of the same.

				Central Design Office, Chandigarh. As per the decision of the monitoring committee meeting held on 13.02.2020 timelines for completion the project is before 31.12.2020	
--	--	--	--	--	--

Item No. 2:- Industrial Effluent

Sr. No.	Agenda Point	Concerned Department	Target/Timelines	Action taken and progress upto 30.06.2020	Decision taken during meeting 31.07.2020
	Industrial Effluent 1. Installation of Common Effluent Treatment Plants A. CETP for Small & Medium scale electroplating and allied industries	Punjab Pollution Control Board	Installed	Already Installed	Already Installed
	B. CETP 50 MLD for dyeing cluster at Tajpur, Rahon Road, Ludhiana.		As per Sutlej Action Plan = 30.01.2020, now revised 30.06.2020	The physical progress as on 30.06.2020, regarding Civil work is 88% and overall is 60%.	It was decided to speed up the work for earlier installation of the same.
	C. CETP 40 MLD for dyeing cluster at Focal Point, Ludhiana.		As per Sutlej Action Plan = 31.08.2019, now revised 30.06.2020	The physical progress as on 30.06.2020, 96.4 % civil work completed Overall 78 % Work completed.	The committee reviewed the progress and it was decided to speed up the work for earlier installation of the same.
	D. CETP 15 MLD for dyeing cluster at Bahadurke Road, Ludhiana.		30.06.2019	Commissioned & under stabilization.	The committee reviewed the progress and asked to speed up the work for earlier installation of the same.
	E. Re-processing plants for small scale wire drawing/pickling industries using Sulphuric Acid		-	Already Installed	-

	2.2 Up-gradation of ETPs of large scale dyeing units to achieve the revised standards at par with the proposed CETPs.		31.12.2019	Metter regarding up-gradation of the ETP by large scale scattered units is under process with the Board.	The committee reviewed the progress and asked to decide the same shortly.
	2.3 Zero Liquid Discharge technology to be adopted by large scale electroplating industries.			Total =8 05 large scale electroplating units, have adopted ZLD technology, 03 Joint CETP.	The Committee reviewed the progress.

Item No. 3:- Air Pollution & Noise Pollution

(i) Control on Industrial Emissions (CIE)

SN.	Activity	Unit of Measurement/ Performance Indicator	Respon sible Agency	Target/ Timeline	Action taken and progress upto 30.06.2020	Decision taken during meeting on 30.07.2020.
1	CIE-1: Conversion to Side Hood Suction in Induction Furnaces	% of Induction furnaces converted to Side Hood Suction	PPCB	31.12.2019	Total units required side hood (capacity more than 1 TPH) =45 (6+13+01+11+14(FGS)) Total units installed side hood =36, Total units not installed side hood =09 (2+5+01+01+0(FGS)) 02 units closed at its own Action against remaining units is under process. Data is of Ludhiana & Khanna.	The committee reviewed the progress and it was decided to do the regular checking's.
2	CIE -2: Industries to be converted from coal to CNG	% of Industries converted to CNG	PPCB/ DFSC	31.03.2021	Presently there is no progress in this regard due to non-availability of CNG station for industries. Further no report has been received from DFSC.	<ul style="list-style-type: none"> • The representative of PPCB informed that presently there is no progress in this regard due to non-availability of CNG station. • No representative of DFSC attended the meeting. Chairperson taken the serious view on it. • The committee decided

						that departments will speed up the work. It was also decided that M/s Jai Madhok should be also called in the next meeting.
3	CIE-3: Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns	% of brick kilns converted to induced draft	PPCB/DFSC	30.09.2019	<ul style="list-style-type: none"> Total BKO required to converted to ZIG ZAG=29 (3+7+0+08+11(FGS)) Converted to ZIG Zag Technology=24, BKO at own closed = 03 (RO-IV) Yet not converted = 02 (RO-IV) Action against not converted = 02 (directions issued u/s 31-A of Air Act, 1981 for its closure). Action against remaining BKO is under process. Data is of Ludhiana & Khanna. No report has been received from DFSC. 	<ul style="list-style-type: none"> The Committee reviewed the progress and it was decided to speed up the work and to take the action against non-complaint units. No representative of DFSC attended the meeting. Chairperson taken the serious view on it. It was directed that the DFSC will submit the report in this regard within 7 days through email at decludhiana@gmail.com.
4	CIE-4A: Control of Industrial Emissions	% of units found non-complying	PPCB	Regular Activity	<p>Total Unit visited in June, 2020 = 40 (12+11+11+06)</p> <p>Unit found complying = 32</p> <p>Unit found Not complying = 02 (RO-II & IV)& action is under process.</p> <p>Result awaited = 06 unit</p>	The committee reviewed the progress and it was decided to keep the regular watch.

--	--	--	--	--	--	--

(ii) Control on Road Dust (CRD)

SN.	Activity	Unit of Measurement/ Performance Indicator	Responsible Agency	Target/ Timeline	Action taken and progress upto 30.06.2020	Decision taken during meeting on 31.07.2020
1	CRD-1: Maintain pothole free roads / timely patchwork on roads	% road length made pothole free out of 167 Km	MCL, PWD, PUDA, PSIEC	Regular activity.	Regular activity, Concerned department assured to comply with the same.	It was decided that the concerned Departments will do the same on regular basis.
2	CRD-2A: Water sprinkling on identified roads	% of average road length sprinkled out of 41.5 Km/day	MCL	Regular Activity	The MCL has informed that Water Sprinkling is being done on regular basis with 5 no of water tankers. 1) PB 10 EH 3084 (Tractor) 2) PB 10 DS 3312 (Tractor) 3) PB 10 EH 3075 (Tractor) 4) PB 10 EH 3088 (Tractor) 5) PB 10 FF 5385 (Tractor) All the water sprinklers are GPS enabled.	it was decided that the MCL or will do the same on regular basis.
3	CRD-2B: Procurement of water sprinklers	Procurement out of 2 water sprinklers	MCL	-	The MCL has informed that No more water sprinkler is required to be procured as 5 no of water tankers already deployed for water sprinkling.	It was decided to speed up the work in this regard
4	CRD-3: Procurement of Mechanical sweeping machines	Procurement out of 4 mechanical sweeping machines	MCL	-	<ul style="list-style-type: none"> The MCL has informed that an amount of Rs 1.05 crore received from 	The Committee review the progress.

					<p>MOEF & CC New Delhi Govt,India through Punjab Pollution Control Board vide their letter no-7189 dated:-05-03-2020.</p> <ul style="list-style-type: none">• DPR has been Prepared for procurement of Sweeping Machine and sent for technical and Financial approval. The tenders will be called for procurement of Sweeping machine after approval of DPR/Estimate from competent authority. GPS system will be installed on sweeping machines after procurement of machines.	
--	--	--	--	--	---	--

5	CRD-4A: Creation of green buffers along road side	No. of trees/shrubs planted out of 12000 Nos.	MCL, PSIEC	Regular Activity	<ul style="list-style-type: none"> The MCL has informed that Plantation completed. Geo tagging of all the 12003 (100%) plants completed. GIS mapping for the same is being prepared. More number of plants are being planted in this rainy season. The PSIEC has informed that the Matter relates to MCL. Maintenance of basic infrastructure of IFP Ludhiana is also handed over to MCL. 	<ul style="list-style-type: none"> It was decided that the concerned Departments will do the same on regular basis & will submit the report on monthly basis.
6	CRD-5: Greening of parks, open areas, community places, schools and housing societies	No. of trees/shrubs planted out of 24200 Nos.	MCL	Regular Activity	The MCL has informed that Plantation completed. Geo tagging of all the 24205 (100%) plants has been completed. GIS mapping for the same is also being prepared. More number of plants are being planted in this rainy season.	It was decided that the MCL will do the same on regular basis & will submit the report on monthly basis.
7	CRD-6: Installation of new Water fountains at major traffic intersections	New water fountain out of 0 nos.	MCL	-	The MCL has informed that No Water fountain to be installed.	-
8	CRD-7A: Kaccha/Brick	Katcha / Brick Paved roads	MCL,		The MCL has informed that	it was decided that the

	Paved Roads to be made Pucca roads	made pucca roads out of 10.06 Km.	PUDA		the 5.2 km (49%) out of 10.6 km road work already completed. Balance work in progress. No report has been received from PUDA.	concerned Departments will do the same on regular basis & will submit the report on monthly basis
9	CRD-7B: Existing roads requiring recarpeting	Existing roads recarpeted out of 105.41 Km	MCL, PWD, PUDA, PSIEC		<ul style="list-style-type: none"> • The MCL has informed that 84.70 km (90.50%) road out of 93.55 km recarpeting work completed .Balance work in progress. • The PWD has also submitted its report regarding recarpetting of Road total 6.62 km, around 30 % work completed and remaining under process. • The PSIEC has informed that Matter relates to MCL. Maintenance of basic infrastructure of IFP Ludhiana is also handed over to MCL. However, PSIEC is constructing 21 Km long concrete roads within IFP Ludhiana. • No report received 	<ul style="list-style-type: none"> • It was decided that the concerned Departments will do the same on regular basis & will submit the report on monthly basis.

					from PUDA.	
10	CRD-7C: Pavement of road side using interlocking tiles	Berm stabilized by using interlocking tiles out of 0.8 Km	MCL, PWD, PUDA		The MCL has informed that the work has been completed.	It was decided that the concerned Departments will do the same on regular basis& will submit the report on monthly basis.

(iii) Control on Vehicular Emissions (CVE)

SN.	Activity	Unit of Measurement/ Performance Indicator	Responsible Agency	Targets / Timeline	Action taken and progress upto 30.06.2020	Decision taken during meeting on 30.07.2020
1	CVE-1: Public awareness campaign for control of vehicular emissions	% of Public awareness campaigns out of 600 nos.	Traffic Police, Transport	Regular activity.	The Police department informed that no Public awareness campaigns were carried out from 20.03.2020 to 30.06.2020 as staff engaged in awareness of COVID-19.	It was decided that the traffic police Ludhiana will continue the same on regular basis& will submit the report on monthly basis.
2	CVE-3: Extensive drive against polluting vehicles	Nos. of vehicle found polluting out	Traffic Police	Regular activity.	The Police department informed that 167 vehicle found creating pollution from 20.03.2020 to 30.06.2020 & challans were issued.	It was decided that the traffic police Ludhiana will continue the same on regular basis& will submit the report on monthly basis.
3	CVE-4B(ii): Prevent parking of vehicles in non-designated areas by enforcement actions	No. of challans issued	Traffic Police	Regular activity.	The Police department informed that 1458 vehicle found parking of vehicles in wrong sides from 20.03.2020 to 30.06.2020 & challans were issued.	It was decided that the traffic police Ludhiana will continue the same on regular basis& will submit the report on monthly basis.

4	CVE-9: Phasing out commercial diesel vehicles more than 15 years old	Policy matter	Transport	Yet to be given	<ul style="list-style-type: none"> No report has been received from RTA department. Show cause notice has been issued to Secretary vide letter no. 208 dated 15.04.2020 by the Deputy Commissioner, Ludhiana. 	No representative from the transport attended the meeting & also not submitted any report. It was viewed seriously & decided that Transport department will submit its report within 7 days through email at decludhiana@gmail.com.
5	CVE-10: Promotion of E-Vehicles	Policy matter	Transport	Regular activity.	No report has been received from RTA department.	No representative from the transport attended the meeting & also not submitted any report. It was viewed seriously & decided that Transport department will submit its report within 7 days through email at decludhiana@gmail.com.
6	CVE-11A: Infrastructure development for additional of CNG based autos/taxis	No. of additional CNG stations	Transport/DFSC	Regular activity.	No report has been received from RTA & DFSC.	No representative from the Transport and DFSC attended the meeting & also not submitted any report. It was viewed seriously & decided that Transport department and RTA will submit its report within 7 days through email at decludhiana@gmail.com.

(iv) Control on Burning of Garbage and Biomass (CBGB)

Sr No.	Activity	Unit of Measurement/ Performance Indicator	Responsible Agency	Targets/ Timeline	Action taken and progress upto 30.06.2020	Decision taken during meeting on 30.7.2020.
1	CBGB-1: Control of open burning of bio-mass in City	% composting Pits constructed out 266 Nos.	MCL	Yet to be given.	The MCL has informed that 24 Number of pucca Compost pits Constructed at rose garden and 258 no of kacha pits made in various parks of city & 102 nos of more pucca pits are to be constructed in other parks.	It was decided that the MCL will speed up the work for construction of the remaining Pits.

(v) Control on Construction and Demolition Activities (C&DA)

Sr No.	Activity	Unit of Measurement/ Performance Indicator	Responsible Agency	Targets/ Timeline	progress upto 30.06.2020	Decision taken during meeting on 30.07.2020
1	CCDA-1A: Enforcement of C& D waste Rules – inspection of sites	% of sites inspected out of 350 construction sites (List of Construction Sites)	MCL	Regular activity	The MCL has informed that 139 No of inspections made and 28 nos of challans issued in the month of June, 2020. Total 3670 no of inspections made and 696 no of challans issued till date.	It was decided that MCL will do the same on regular basis& will submit the report on monthly basis.
2	CCDA-1B: Enforcement of C& D waste Rules – non complying	% of non-complying sites from the inspected sites	MCL	Regular activity	The MCL Informed that total Large no. of inspection	It was decided that MCL will do the same on regular

	sites				are conducted, now the no. of violation are decreased due to regular inspection	basis& will submit the report on monthly basis.
3	CCDA-1C: Enforcement of Rules – Action against non-complying sites	% of non-complying sites against which action initiated	MCL	Regular activity	The MCL Informed that total Large no. of inspection are conducted, now the no. of violation are decreased due to regular inspection	It was decided that MCL will do the same on regular basis& will submit the report on monthly basis.
4	CCDA D- Notification of Processing site for C&D waste disposal	% sites notified out of 6 identified sites	MCL	Regular activity	The MCL Informed that 6 number of sites already notified for dumping of C&D waste disposal.	It was decided that MCL will provide the display Board showing the locations of C & D sites for the Public.
5	CCDA 3 – Control measures for carrying the construction material enclosed / covered vessels	No of inspections	MCL	Regular activity	The MCL Informed that 6 number of sites already Directions have been passed to concerned officials to enforce strict control measures.	It was decided that MCL will check the same on regular basis& will submit the report on monthly basis.

(vi) Control on Other Sources (COS)

SN.	Activity	Unit of Measurement / Performance Indicator	Responsible Agency	Targets/ Timeline	Action taken and progress upto 30.06.2020	Decision taken during meeting on 30.07.2020
1	COS-1A: Dissemination of Air Quality Index by installing additional CAAQMS	No. of additional CAAQMS installed out of 4 no.	PPCB	30.06.2020	Bidding documents and technical specification are under finalization E tendering will be done in this month.	The committee reviewed the progress and it was decided to ensure the target timelines.
2	COS-1B: Dissemination of Air Quality Index by installing additional display boards in the city	Nos of additional display Board installed out of 4	PPCB,	30.06.2020	Bidding documents and technical specification are under finalization E tendering will be done in	The committee reviewed the progress and it was decided to ensure the target timelines.

					this month.	
3	COS-2: Establish an Air Quality Management Division(AQMD) at PPCB (HQ)	Upgradation of Division	PPCB,	Completed	AQMD has been established at Head Office level Helpline number is 1800 120 3667.	-
4	COS-3: Establish helpline in each city as well as SPCB HQ	Helpline set up or not	PPCB, Lab.	Completed	AQMD has been established at Head Office level Helpline number is 1800 120 3667.	-
5	COS-4A (i): Monitoring of DG sets of Industries	% of DG sets found non-complying	PPCB	Regular Monitoring	PPCB informed that Total 31 DG sets were inspected in June, 2020 Out of which 01 DG set was found not complying same has been sealed.	The Committee reviewed the progress and directed to continue the same on regular basis& will submit the report on monthly basis.
6	COS-4A (ii): Monitoring of DG sets for domestic/commercial purpose	% of DG sets found non-complying	MCL	Regular Monitoring	PPCB informed that Total 31 DG sets were inspected in June, 2020 Out of which 01 DG set was found not complying same has been sealed.	The committee reviewed the progress and directed to continue the same on regular basis& will submit the report on monthly basis.
7	COS-4B: Monitoring of DG sets – Action against non-complying DG sets	% cases action taken against the non-compliant DG sets	PPCB	Regular Monitoring	PPCB informed that Total 31 DG sets were inspected in June, 2020 Out of which 01 DG set was found not complying same has been sealed.	The committee reviewed the progress and directed for regular monitoring& will submit the report on monthly basis.
8	COS-5: Source Apportionment Study	Yet to start / Already done	PPCB	Already done by PSCST, Chandigarh, Final	PPCB informed that already done by PSCST, Chandigarh, Final report is to be submitted.	The committee reviewed the progress and directed to speed up the work in this regard.

				report is to be submitted.		
--	--	--	--	----------------------------	--	--

(vii) Stubble Burning – The Chairperson informed that paddy season is coming closer and all the concerned departments are directed to get ready for the same to stop the stubble burning. CAO, Agriculture Department was directed to ensure the availability of necessary machinery with the Farmers and to spread the awareness in villages regarding ill effect of stubble burning.

The SEE, PPCB informed that PPCB along with PRSC has developed an online APP for checking and reporting of stubble burning incidents and it can be reviewed at the Level of Deputy Commissioner, Ludhiana. This app will help the field officers and revenue Department identification and reporting of stubble burning sites.

The SDMs were directed to Constitute the teams in their jurisdiction to check the stubble burning.

(viii) Noise Pollution

In compliance to the order no. 3/100/2013-STE(4)145 dated 26.02.2014 issued by the Secretary to Govt of Punjab, Department of Science, Technology and Environment, Chandigarh, the comprehensive Guidelines for the regulation of noise/sound pollution caused by use of loudspeakers, public address systems etc, for implementation in the State of Punjab. The Authority for enforcement of noise pollution control measures and for ensuring due compliance of the ambient air quality standards in respect of noise shall be District Administration, Police Commissionerate, Punjab Pollution Control Board and Department of Local Govt. The details are as under:-

SN.	Activity	Performance Indicator	Responsible Agency			Timelin e	progress upto 30.06.2020	Decision taken during meeting on 30.07.2020
			Within M.C limit	Outside M.C Limit	Othe r			
1	Regulation of use of loudspeakers, permissions etc (Permission to be given by District Magistrate, Sub Divisional Magistrate or Executive Magistrate or any other Officer designated by the District Magistrate/Commissioner Police) Loudspeaker shall not be allowed to be operated during night time i.e after 10 PM and before 6 AM	Directions to be issued by District Magistrate u/s 144 of Cr.P.C.	M.C	DDPO	Police	It was decided that the concerned departments will to do the same on regular basis& will submit the report on monthly basis.	Regular activity, However presently the marriage palaces are not in operation due to COVID-19.	It was decided that the concerned departments will to do the same on regular basis when these come in operation.
2	Marriage Palace/Hotels/Banquet Halls	Permission to be given by District Magistrate, Sub Divisional Magistrate or	M.C	DDPO	Police	It was decided that the	Regular activity, However presently the	It was decided that the concerned departments will

		<p>Executive Magistrate or any other Officer designated by the District Magistrate/Commissioner Police for use of loudspeaker/DJ System/Sound System in the Marriage Palace/Hotels/Banquet Halls.</p> <p>During the permission time of the use of loudspeaker, the prescribed ambient noise level shall be maintained i.e use of loud speaker should be done in such a manner that the noise levels are not in excess of the parameters prescribed for the zone concerned.</p> <p>Loudspeaker/DJ System/Sound System shall not be allowed to be operated in open air and during night time i.e after 10 PM and before 6 AM.</p> <p>Management of marriage palace/DJ parties/owners of privately owned sound system or sound producing instruments etc. shall display the permissible timings and noise limits at a prominent place.</p>				concerned departments will to do the same on regular basis& will submit the report on monthly basis.	marriage palaces are not in operation due to COVID-19.	to do the same on regular basis when these come in operation.
3	Fireworks	Fireworks, generating sound level exceeding 125 dB (AI) or 145 dB (C) pk 1 noise from four	M.C	DDPO	Police	It was decided that the	Seasonal activity.	It was decided that the concerned departments will

		meter distance from the point of busting, should not be allowed for sale or use for any purpose. All firecracker manufacturers/dealers should be directed to print the noise level in decibel on the cartoon/packet of the firecracker.				concerned departments will to do the same on regular basis as and when required.		to do the same on regular basis as and when required.
4	Industrial Noise Pollution	dB (A), should be within prescribed limits as per Noise Pollution (Regulation & Control) Rules, 2000.	PPCB			Regular Activity	Regular Activity.	It was decided that the PPCB will to do the same on regular basis& will submit the report on monthly basis.
5	Pressure Horns/Multi toned horns	No motor vehicle shall be fitted with any multitone horn or other sound producing devices as prescribed in Motor Vehicle Act, 1998. Sirens/hooters are allowed for ambulance, fire fighting vehicles and other vehicles as specified in Motor Vehicle Act, 1988.	RTA & Police			Regular Activity	The Police department has informed that total 28 challan were issued from 20.03.2020 to 30.06.2020 due to pressure horn.	It was decided that the concerned departments will to do the same on regular basis& will submit the report on monthly basis.
6	Fixation of noise standards for mixed land use.	The ambient air quality standards in respect of noise for different zones shall be as prescribed under Rule 3(1) of Noise Pollution (Regulation & Control) Rules, 2000, which are	M.C & DTP			-	The DTP Ludhiana vide its letter no. 140 dated 17.01.2020 has submitted the report in this	

		reproduced as under:-				regard		
		Category of Zone	Limits in dB(A) Leq					
			Day Time			Night time		
		Industrial Area	75			70		
		Commercial Area	65			55		
		Residential Area	55			45		
		Silence Zone	50			40		
		As per Noise Pollution (Regulation & Control) Rules, 2000, the noise standards for mixed land use shall be fixed by M.C & DTP.						

Item No. 4- E-Waste

No.	Action Areas	Measurable Outcome	Responsible agency	Target/Timeline	progress upto 30.06.2020	Decision taken meeting on 30.7.2020.
EW1	Status of facilitating authorized collection of E-Waste					
1	Are the citizen able to deposit or provide E-Waste through Toll-free Numbers in the District	[Yes] / [No]	MC/EO Of Respective ULB		Yes	M.C.L/ E.O of respective ULB will ensure the same.
2	Collection centers established by ULB in District	[Nos] / [None]	EO of Respective ULB		-	E.O of respective ULB will ensure the same.
3	Collection centers established by Producers or their PROs in the District	[Nos] / [None]	PROs / Producers		-	E.O of respective ULB will ensure the same.
4	Does the district has linkage with authorized E-Waste recyclers / Dismantler	[Yes] / [No]	PPCB	Regular Activity	Yes	PPCB will ensure the same
5	No of authorized E-Waste recyclers / Dismantler	[Nos] / [None]	PPCB	Regular Activity	Nil	PPCB will report in this regard.
EW2	Status of Collection of E-Waste					
1	Authorizing E-Waste collectors	[Authorized] / [None]	PPCB	Regular Activity		PPCB will report in this regard.
2	Involvement of NGOs	[Yes] / [No] / [Nos]	MC/EO of Respective ULB	Regular Activity		M.C.L/ E.O of respective ULB will ensure the same.
3	Does Producers have approached NGOs/ Informal Sector for setting up Collection Centers.	[Yes] / [No] / [Nos]	MC/EO of Respective ULB	Regular Activity	Regular Activity	M.C.L/ E.O of respective ULB will ensure the same.
4	Does ULBs have linkage with authorized Recyclers / Dismantlers	[Yes] / [No]	MC/EO Of Respective ULB	Regular Activity	Regular Activity	M.C.L/ E.O of respective ULB will ensure the same.
EW4	Control E-Waste related pollution					

1	Does informal trading, dismantling, and recycling of e-waste exists in District	[Yes] / [No]	PPCB	Regular Activity	Regular Activity	PPCB will ensure the same.
2	Does the administration closed illegal E-Waste recycling in the District	[Yes] / [No] / [Nos]	Departmentd of Local Govt./PPCB	Regular Activity	Nil	Departmentd of Local Govt./PPCB will insure the compliance of the same.
3	No of actions taken to close illegal trading or processing of E-Waste	[Nos]	Department of Local Govt./PPCB	Regular Activity		Departmentd of Local Govt./PPCB will insure the compliance of the same.
EW5	Creation of Awareness on E-Waste handling and disposal					
1	Does PROs / Producers conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	MC/EO Of Respective ULB	M.C.L/ E.O of respective ULB will ensure the same.		
2	Does District Administration conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	District Administration	M.C.L/ E.O of respective ULB will ensure the same.		

Item No. 5- Mining Activity

No.	Action Areas	Measurable Outcome	Responsible agency	Target/Timeline	Action taken and progress upto 30.06.2020	
MI1	Inventory of Mining in District					Department of Water resources will regularly monitor in this regard& will submit the report on monthly basis.
1	Type of Mining Activity	[Sand Mining] / [Iron Ore] / [Bauxite] / [Coal] / Other [specify]	Department of Water Resources.		Sand mining	
		Multiple selection in order of magnitude of operations				
2	No of Mining licenses given in the District	[Nos]	Department of Water Resources.		11	
3	Area covered under mining	[Sq Km]	Department of Water Resources.		0.9349 Sq km	
4	Area of District	[Sq Km]	Department of Water Resources.		3767 Sq km	
5	Sand Mining	[Yes] / [No]	Department of Water Resources.		Yes	
6	Area of sand Mining	[River bed] / [Estuary] / [Non -river deposit]	Department of Water Resources.			
MI2	Compliance to Environmental Conditions					
1	No of Mining areas meeting Environmental Clearance Conditions	[Nos]	Department of Water Resources.	11	11	Department of Water resources will regularly monitor in this regard& will submit

						the report on monthly basis.
2	No of Mining areas meeting with Consent Conditions of SPCBs / PCCs	[Nos]	Department of Water Resources/PPCB	11	11	Department of Water resources will regularly monitor in this regard& will submit the report on monthly basis.
MI3	Mining related environmental Complaints					
1	No of pollution related complaints against Mining Operations in last 1 year	[Nos]	Department of Water Resources.	Nil	Nil	Department of Water resources will regularly monitor in this regard& will submit the report on monthly basis.
MI4	Action against non-complying mining activity			NA	Nil	
1	No of Mining operations suspended for violations to environmental norms	[Nos]	Department of Water Resources	Nil	Nil	Department of Water resources will regularly monitor in

						this regard& will submit the report on monthly basis.
2	No of directions issued by SPCBs	[Nos]	PPCB	Nil	0	PPCB will submit the report on monthly basis

Item No. 6:-Solid Waste Management

These items were also discussed in the last meeting of the Monitoring Committee held on 13.02.2020. Most of the items of the agenda of District Environment Committee and Minutes of Monitoring Committee Meeting are similar. Therefore the minutes of meeting dated 13.02.2020 were discussed in the meeting as under:-

Action Points on proceedings of Meeting held with the District Level Officers and District Level special Task Force of District Ludhiana on 13.02.2020 at 10.30 AM in the Circuit House, Ludhiana under the Chairmanship of Justice Jasbir Singh, Former Judge Punjab & Harayana High Court now as Chairman of Monitoring Committee

A. Status w.r.t Management of Municipal Solid Waste of 10 Municipal Councils except Municipal Corporation Ludhiana.

Issue	Action to be taken	Concerned Department	Decision taken during meeting on 30.07.2020
1. Door to door collection	EOs of MCs namely Doraha, Jagraon, Maloud, MullanpurDakha, Payal, Raikot&Sahnewal shall start achieving 100% door to door collection of solid waste by 31.03.2020	DDLG & Concerned Eos	The DDLG produced the report of all the Municipal councils in the meeting. It was bring in the notice of all the EOs of the MC's that progress in this regard is being reviewed by the Hon'ble NGT on regular basis. The NGT is very strict in this matter. As per the direction of the Hon'ble NGT target related to it are to be completed by 31.03.2020. Any lapse in this regard will be reviewed seriously.
2. Source Segregation of Solid Waste	EOs of MCs Jagraon, Doraha&Khanna and it was directed that Executive officers of these Municipal Councils should take more and effective steps to achieve 100% source segregation by 31.03.2020. Al the other MCs were also directed to achieve 100% source segregation by 31.03.2020	DDLG & Concerned Eos	
3. Treatment of Wet Waste	EOs of MCs shall provide adequate number of compost pits to treat 100% wet waste generated in these Municipal councils by 31.03.2020	DDLG & Concerned Eos	
4. Onsite Composting in Parks	EOs of MCs shall provide adequate number of compost pits to manage 100% horticulture waste by 31.03.2020	DDLG & Concerned Eos	
5. Management of Plastic Waste	More surprise inspections/ raids may be conducted by EOs of MCs on the persons/ shops selling plastic bags and fine may be imposed on the violators.	DDLG & Concerned Eos	

6. Removal of Garbage Vulnerable Points (GVPs)	EOs of MCs Doraha, MullanpurDakha&raikot was directed to identify GVPs in their jurisdiction by 22.02.2020 and these GVPs should be removed by 29.02.2020. All other MCs shall also identify more GVPs in their areas and ensure that all the GVPs should be removed by the MCs by 29.02.2020. The vacant sites made available after the removal of GVPs may be converted into useful places like playgrounds, parks, sitting place etc by 31.03.2020	DDLG & Concerned Eos	
7. Providing compartments in Garbage Carrying Vehicle and GPS.	EOs of All MCs shall provide compartments in all the garbage carrying vehicles by 31.03.2020 and the mechanized vehicles of these MCs shall be provided with GPS by 31.03.2020	DDLG & Concerned Eos	
8. Bulk waste Generator Identification and management of solid waste	EOs of All MCs shall identify more bulk waste generators in their areas and the identified bulk waste generators shall provide compost pits to manage the wet waste in their premises by 31.03.2020. For the management of the dry waste, the identified bulk waste generators shall make agreement with concerned Municipal councils to lift and transport the dry waste to the Solid Waste dumping site of the concerned MC for its scientific disposal by 31.03.2020	DDLG & Concerned Eos	
9. Frequency of sweeping in Public Places and Commercial Areas	EOs of all MCs shall ensure that effective sweeping may be carried out twice in day time and atleast once in night time in both commercial and residential areas. These activities may be started by 29.02.2020	DDLG & Concerned Eos	
10. Status of Material Recovery Facilities (MRF) in the District	EOs of all MCs shall provide adequate Material Recovery Facilities in the towns by 31.03.2020	DDLG & Concerned Eos	

11. Treatment of Legacy waste	EOs of all MCs shall provide green belt and boundary wall all around the solid waste dumping sites and treatment to the legacy waste may be started by 31.03.2020	DDLG & Concerned Eos	
12. Management of C& D Waste	C & D waste generated within the MC limits of each MC shall be started to be processed/ managed by 31.03.2020	DDLG & Concerned Eos	

B. Status w.r.t. Management of Municipal Solid Waste of Municipal Corporation, Ludhiana

Issue	Action to be taken	Concerned Department	Action taken and progress upto 30.06.2020	Decision taken during meeting on 30.07.2020
Management of Municipal Solid Waste	100% door to door collection of solid waste shall be achieved by 29/02/2020.	Municipal Corporation, Ludhiana	The MCL has informed that the 98% household of the city has been covered under door to door collection.	It was decided that MCL will comply with it and will complete the requisite work within timelines as given by the Monitoring Committee constituted by the Hon'ble NGT.
	100% source segregation within corporation limits shall be started by MCL 31/03/2020		The MCL has informed that the 96% household of the city has been covered under Source Segregation.	
	Adequate number of compost pits for onsite composting in all the parks of the city Ludhiana shall be provided by		The MCL has informed that the Municipal	

	31/3/2020.		Corporation Ludhiana has started on-site waste management of green/horticulture waste in 110 Parks/Green belts out of 922 Parks/Green belts. (Parks=870,Green Belt=52)	
	For the treatment of 100%wet waste of the city, M/s A2Z Waste Management, Ludhiana shall start processing whole of the wet waste of the city to manufacture compost by 31/03/2020.		<ul style="list-style-type: none"> • PPCB informed that interim EC of Rs. 10 Lakh has been imposed on M/s A2Z Waste Management, Ludhiana for inadequate processing of the soil waste of the • The MCL has informed that the A2Z Waste Management Company has already setup Solid Waste Processing plant with compost plant and SLF at 	

			<p>Jamalpur Site. Due to Covid - 19 and lockdown by GOI & curfew by GOP, the plant was not operational, Now the <u>compost Plant is operational w.e.f 22/06/2020</u></p>	
	<p>For processing of dry waste to manufacture RDF and segregate the material, M/s A2Z Waste Management shall operate its inert machinery regularly with optimum capacity so that whole of the dry waste of the city is processed daily.</p>		<p>The MCL has informed that the A2Z Waste Management Company has already setup Solid Waste Processing plant with compost plant and SLF at Jamalpur Site. Due to Covid - 19 and lockdown by GOI & curfew by GOP, the plant was not operational, <u>Now the RDF Plant is operational w.e.f 29/06/2020</u></p>	

	For the scientific disposal of inert material, all the five cells of sanitary land fill shall be commissioned before 30/06/2020.		The MCL has informed that the The first Scientific cell for five years have been developed as per the DPR, the another cell will be developed before closing of first cell.	
	In order to restrict the use of plastic bags so as to avoid the generation of plastic waste in the city, Municipal Corporation, Ludhiana shall make surprise Inspections / raids on the shops/ distributors of plastic items and fine may be imposed in case these are found selling plastic bags.		The MCL has informed that the 3726 challans were issued to the violators under section 323 of Municipal Corporation Act, 1976 and seized plastic approximate 6214 kg from April 2019-May 2020. and Municipal Corporation Ludhiana already declared 70 Plastic free locations.	
	All the garbage venerable points (GVPs) identified by the Corporation should be removed by 29/02/2020 and the places made available after removal of solid waste shall be utilized for useful purposes like parks, play grounds, sitting places etc.		94 Garbage vulnerable Points were identified and till date 81 Points are eliminated and remaining points will be removed shortly.	

	All the garbage carrying vehicles must be compartmentalized to segregate wet and dry waste. These vehicles may also be provided with GPS by 31/3/2020. GPS may be linked with a common server in the Corporation Office.		The MCL has informed that the For Secondary Operations A2Z has deployed 27 Tippers for separately lifting of Dry/Wet garbage. Apart from this, 650 Rickshaw Rehra with provisions of Compartments for Dry/wet Garbage Collection has been deployed . GPS Tracking devices has already been installed in all transport vehicles and is being monitored.	
	All the identified bulk waste generators may be directed to process their wet waste into their premises by 31/3/2020. These BWGS may also be directed to make agreement with Municipal Corporation, Ludhiana for lifting of dry waste and to dispose off the same at solid waste processing plant, Ludhiana in an environmentally sound manner.		The MCL has informed that the Municipal Corporation Ludhiana has identified 31 Bulk waste Generators .Till date , 30 BWGs has started On -Site processing of wet waste and notice already issued to remaining BWG for compliance of SWM Rules 2016.	
	Sweeping in commercial, public places and residential area shall be started twice a day time and atleast once in		The MCL has informed that the Municipal	

	night time by 29/2/2020.		Corporation Ludhiana doing sweeping twice a day in all residential areas, Public areas, and certain markets. However, special night sweeping cleanliness drives are being done on trial basis at commercial markets.	
	Municipal Corporation, Ludhiana shall make all the 18 material recovery facilities in operation by 31.03.2020.		The MCL has informed that the Municipal Corporation Ludhiana has identified and approved 18 sites for MRF facilities and 09 sites work being allotted and 09 sites tender is in process. At Present construction work has been Completed at 04 Sites and 02 sites are under construction and 03 sites are not cleared yet.	
	Green belt and boundary wall all around solid waste dumping site may be provided by 30/6/2020.		The MCL has informed that the Instruction issued to B&R branch regarding fencing of Solid waste Jamalpur	

			dumpsite, work already allotted and Instructions issued to B&R for execution of fencing work.	
	On all the sites located for management of C&D waste, work for procurement of machinery may be started by 31.03.2020.		The MCL has informed that the DPR is under Preparation by Ludhiana Smart City Limited	
	For monitoring of ground water in and around the solid waste dumping site, Municipal Corporation, Ludhiana shall provide piezo meters at suitable locations. PPCB shall carry out groundwater sampling of these points twice in a year.	MCL/ PPCB	The MCL has informed that the Installation is in process of two piezo meters in solid waste dumping site.	MCL and PPCB to comply with the same
	More IEC activities shall be carried out for the awareness of the public regarding management of solid waste. A proper record of all the activities may be maintained and copy of the same may be sent to PPCB.		The MCL has informed that the For awareness of the public regarding management of Solid Waste, Municipal Corporation Ludhiana doing following activities: 1. Aware Citizens by door to door campaign 2. Through Muniyadi 3. Through Swachhta Rath 4. Banners/Hoardings 5. Through Grafity Work 6. Radio jingles 7. Distributions of	MCL to comply with the same

			Pamphlates 8. Through Social Media like, Twitter, Facebook and Swachh Manch. And as per orders of Monitoring Committee MC Ludhiana preparing record of all IEC Activities and the same sent to PPCB on monthly basis.	
Removal of Solid waste from the banks of drains/ Nallahs/ Canals/ rivers	Joint Committee consisting of officers of department of water resources (Drainage), Department of Rural Development and panchayats, PWSSB and PPCB shall visit the drains, nallahs, canals and river (outside MCs limit) carrying treated/ untreated sewage/ storm water/ surface water and identify the stretches of drains/ nallahs/ canals/ rivers, where the solid waste is lying dumped. Similarly, within the area of Municipal limits, the officials of Municipal councils shall also identify the stretches of drains/ nallahs/ canals/ river, where the solid waste is lying dumped. The solid waste, if found dumped on the banks of drains/ nallahs/canals/ river within or outside the Municipal Limits, the same shall be removed by the concerned municipal Councils from the area within the Municipal limits area and by Department of water Resources (drainage/ canals) outside the Municipal limits. The concerned municipal council/ department of water resources shall submit their report regarding removal of solid waste from the stretches of drains/ nallahs/ canals/ river by 31.03.2020 to the monitoring committee through Member Secretary, Punjab	Joint Committee of Municipal Corporation, Ludhiana/ Drainage/ DDPO/ Sewerage Board/ PPCB/ DDLG	-	The concerned departments will comply with the same.

	Pollution Control Board under intimation to the Monitoring committee.			
--	---	--	--	--

C. Management of Bio- Medical Waste

Issue	Action to be taken	Action taken and progress upto 30.06.2020	Decision taken during meeting 30.07.2020
Management of Bio- Medical Waste	PPCB shall ensure that authorization to all the healthcare facilities shall granted by 30/4/2020.	Regular activity	PPCB will comply with the same & will keep the check on HCFs.
	PPCB shall continue to make surprise inspection of heath care taco check the compliance of BMW Rules 2016	Regular activity	
	PPCB shall ensure that all the healthcare facilities shall install ETP by 30/06/2020.	The matter is under process with Competent Authority of the Board for Further extension in the timeline due to COVID-19, Lockdown.	

Item No. 7:- None supplying of the information of DEC meeting by the Concerned Departments.

It was informed by the SEE,PPCB that the information of the District Environment Committee is not being supplied on time by the most of the departments. Around 20 Departments are involved in this meeting and all the departments regular persuaded to supply the information on time but information not received on time due to which agenda of the meeting could not prepared on time. The report of the RTA, DFSC & PUDA still not received for this meeting despite of regular request. All the departments be directed to supply the information on time for healthy discussion and timely preparation of the agenda.

The chairman taken the very serious view on it and directed that the monthly data of this meeting should be supplied by the concerned Departments, especially item wise in soft copy (**word format only**) through Email at **decludhiana@gmail.com** by 5th of every month for preparing the agenda of upcoming monthly meeting ,failing which the responsibility will be of Concerned department.

Item No. 8:- Preparation of the District Environmental Plan.

It was informed by the SEE,PPCB that Hon'ble NGT vide its order 26.09.2019 in O.A No. 360/2018 has directed to prepare the District Environmental Plan in each District.

The Hon'ble NGT has directed to prepare this Plan to provide the outline of the present status and gaps in Implementation, identification of agencies responsible, requirement of infrastructure facilities for sewage treatment, waste management and monitoring of Environmental quality etc.

The Worthy Chief Secretary, Punjab in the Apex meeting held on 14.05.2020 has also directed the District Heads to prepare the District Environmental Plan. The copy of the proceeding of this meeting is placed below as Flag-B.

Therefore, District Environment Plan for District, Ludhiana has to be prepared on the templates provided by the CPCB after incorporating the special issues related to District Ludhiana. The plan has been sent to all concerned Departments through Email on 29.07.2020 to supply the requisite information.

The chairman directed all the Concerned Departments to incorporate their respective data. The data so supplied must be authenticated by the head of the department at District Level and be sent through Email at decludhiana@gmail.com, within 7 days positively.

The meeting ended with vote of thanks to the Chair
XXXXXXX