

Minutes of 3rd meeting of District Environment Committee held on 09.03.2020 at 3:00 PM at Bachat Bhawan, Ludhiana 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 as on 29.02.2020	Decisions taken during meeting on 09.03.2020.
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	Tendering done Financial Bid approved on 16-10-2019 and Order has been placed on 11.12.2019. Likely to be installed & commissioned by 31.03.2020.	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	The Monitoring of Satluj&BudhaNallah was carried in the month of Feb, 2020 (Annexure-A).The T.Coli has been reduced from 35lac MPN/100ml to 11lac MPN/100ml after the Confluence point of BudhaNallah and river satluj. However, still there is not significant Improvement in water quality as comparison to previous monitoring. The MCL has informed that dosage of chlorine has been increased from 25 KG/hr to 40 Kg/hr, at STP Bhattian which is maximum	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.

				capacity of machine available present. To further reduce the level of F-coil, additional dosage mechanism is being worked out.	
3.	Monitoring of discharge from Industries including ETPs and CETPs	PPCB (ROs)	Regular Inspection	<p>Total 31 units were visited in Feb, 2020 in the catchment area of river Sutlej.</p> <ul style="list-style-type: none"> • Complying units =10, • Not Complying=3, • Result awaited=18. <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.</p>	<p>PPCB to take appropriate action on regular basis against defaulting units.</p> <ul style="list-style-type: none"> • PPCB to supply the list of captive ETP units falling under the catchment area of River Sutlej/Buddha Nallah. • 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 after the receipt of the list for random inspection from above units.
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</p>	Monthly Monitoring	<p>Total 9 STPs falls in the catchment area of River Satluj. All the 9 STPs were visited in Feb, 2020 (Annexure-B).</p> <ul style="list-style-type: none"> • Complying STPs =4, • Not Complying=4, • STP not in operation=1 <p>Action against Not complying STPs is under process.</p> <p>The MCL has given the timelines</p>	<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

		STPs/disposal facilities outside city= Department of water resources. iii. Monitoring of STP's & other disposals = PPCB		for installing the flow measuring devices and online meters at STPs.	the STPs in time Board Manner. • PPCB to take the time bound action against the non-compliant STPs.
5.	Design of new STPs	Department of Local Govt. /MCL	STP Jamalpur, STP Balloke and rehabilitation of existing STP's As per Sutlej action plan = 31.12.2020	The MCL has informed that feasibility report was prepared and was sent to PMIDC. 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 30.10.2022.	<ul style="list-style-type: none"> • The MCL & PWSSB officers informed that the pre-bid meeting with PMDIC has been fixed on 11.03.2020, for taking further decision in the matter. • EO Raikot informed that the work regarding construction of STP has been started at site. • EO, Samrala informed that tender has been allotted for MPS section and work for the allotment of tender for construction of STP will be started shortly. • 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
	(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				

					capacity are not installed till then Bio remediation should be provided to stop the direct discharge in BudhaNallah.
6.	Construction of new STPs	Department of Local Govt.	No further land acquisition is required.	The MCL informed that construction of the new STPs will be carried out on existing STP area hence no further land acquisition is required.	As decided in Item no. 5.
	(i)Monitor land acquisition closely as it is pre-requisite for setting up of STPs				
	(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.			<ul style="list-style-type: none"> • SEE, PPCB informed that there is improvement in the operation of STPs as comparison to the previous results and required continuous efforts to improve and maintain the same. • SE, MCL inform that CCTV cameras and OCEMS meters have been provided on all the STPs

					<p>for its regress monitoring.</p> <ul style="list-style-type: none"> 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.	The MCL has informed that it is being ensured.	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.	The MCL has informed that already lab facilities available at STPs.	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			The MCL has informed that work is in progress for installation of OCEMS. CCTV Cameras will be installed under ICCM project under smart city mission.	The SEE, MCL informed that CCTV cameras and online continuous effluent monitoring system have been installed at the STPs of Ludhiana. The Committee directed the Concerned departments to install the same on the remaining STPs, wherein it is not Installed in time bound manner.
8.	Reuse of treated effluent	Department of		The department of soil has	The representative of

	through STPs	Agriculture		<p>informed as under:-</p> <ul style="list-style-type: none"> • STP Khanna (29 MLD) = Funds allotted & bill has been submitted to the treasury. • STP Balloke (2 no. 152 & 50 MLD)= status not submitted. • STP Jamalpur (50 MLD) = status not submitted. • STP Bhattian (2 no. 111 & 50 MLD)= status not submitted. • STP Machhiwara (4 MLD)= status not Submitted. • STP Sahnewal (7 MLD)= status not Submitted. • STP Jagroan (2 no. 16 & 12 MLD)= Status not given. <p>The Inlet and Outlet of the STP Jamalpur & Bhattian was monitored by the PPCB in Feb, 2020. As per PPCB analysis reports (Annexure-C), the Heavy metals are within the permissible limits.</p>	<p>department of soil conservation informed as under:-</p> <ul style="list-style-type: none"> • STP Khanna (29 MLD) = Partial Funds of 56 lacs out of 70 lakhs received. Work will be started after harvesting of Rabi crops. The chairperson directed that SDM, Khanna and Soil department will take the Consents of the Farmers for laying this pipeline. • STP Balloke (2 no. 152 & 50 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. • 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 &
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					<p>50 MLD)= The water sample will be got tested for irrigation used from PAU then the survey of UGPL will be started..</p> <ul style="list-style-type: none"> • 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)= Survey done but fund has not received. • STP Jagroan (2 no. 16 & 12 MLD)= Survey done but fund has not received. • It was decided that MCL will make the all out efforts to make use of treated effluent from STPs for construction activities and take action 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		Department of Housing & Urban Development has submitted the list of unapproved colonies. Along the BudhaNallha as per Annexure-D . PSIEC has submitted thatPSIEC is developing Hi Tech Cycle Valley at Village Dhanansu, District	<p>The representative of GIADA informed that as per the survey there are 664 illegal colonies and FIRs are being issued to the illegal colonies</p> <ul style="list-style-type: none"> • The committee directed the Department of Housing & Urban Development file the
	(ii) Construction, operation & maintenance of sewage networks and sewage treatment plants in areas developed/ to be developed by Department of	ii. PSIEC for industrial Focal Points. ii. PPCB			

	Housing & Urban Development.			Ludhiana in 380 acres.	<p>FIR against the illegal colonies.</p> <ul style="list-style-type: none"> • PPCB will do the identification of the above colonies at their concerned regional office level and will take the further necessary in the matter.
10.	(i)Management of industrial Focal Points.	i. Department of Industries & Commerce (setup or transfer to it). ii. PSIEC		<p>PSIEC has informed that this point relates to MCL as the maintenance of Focal Point already handed over to MCL by PSIEC. However, PSIEC floated the tender for construction of 21 Km road network in the IFP Ludhiana and the funds for the same have to be borne by State Govt.</p>	<p>The PSIEC and GLADA informed that the sewerage network of the Focal points has been connected with the MCL sewer and maintenance of Focal Point already handed over to MCL. The committee directed the MCL for regular maintenance and cleaning of the sewerage system.</p>
	(ii)Construction, operation & maintenance of sewage networks and sewage treatment plants.				
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		<p>The DDPO has informed that total of 31 villages has been identified in the catchment area of river Sutlej for treatment of dirty water as per PPCB guidelines where area of pond is sufficient and Thappar University/ Baba Shichewal Model where ponds are insufficient for PPCB model.</p>	<p>The committee directed the DDPO and Dept. of Rural Dev.&Panachayat for the establishment of the pond in these 31 villages in time bound manners so as to stop the discharge in the BudhaNallah/River Sultlej.</p>
	(ii)Arrangement of Funds for treatment technology in various villages identified in the Action			<p>Dept. of Rural Dev.&Panachayat has sanctioned Rs. 5.34 Cr for liquid Waste management. Bill</p>	

	Plan			has been submitted with Dt. treasury and awaiting clearance.	
	(iii) Reuse of water for agriculture purpose			Treated water to be used as and when required.	
	(iv) Proper operation and maintenance of treatment facilities installed in village ponds			To be done regularly for smooth operation.	
12.	Treatment and sanitation facilities in rural areas.	Department of Water Supply and Sanitation		The Department of Water Supply and Sanitation has submitted that rough estimate of Rs, 3572.56 Lakh has been prepared for providing sewerage scheme and sewerage treatment plant in 17 villages adjoining to BudhaNallah.	The committee directed the Department of Water Supply and Sanitation for the earlier establishment of the sewerage network and pond in these 17 villages in time bound manners so as to stop the discharge in the BudhaNallah/River Suttlej and to review the scheme for availability and arrangement of the funds for this purpose.
13.	Implementation of various schemes for utilizing the treated wastewater from urban and rural treatment facilities for irrigation by the farmers. (i) Design the project as per the standards	The Department of Agriculture through the Directorate of Soil and Water conservation		The Report in this regard has not received from the concerned department. To be discussed in meeting.	The Department of Soil conservation informed that coordination was done with the DDPO and XEN Panchayati raj. The list of the villages where pond water is to be treated has been received on 04.03.2020 and field staff has been directed to make the projects for

	(ii)Follow up with various funding agencies to arrange funds				underground Pipeline system for irrigation. The Committee decided that the department should speed up the work.
	(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		The report in this regard as received from Department of Health and Family Welfare is placed at Annexure-E .	The Representative of Health Deptt. Informed that 24 samples of the portable water collected in the month of Feb, 2020 were failed. MCL is not taking any action. The committee decided that the MCL shall take action with respect to these samplesfor making them portable.
	(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		The Departt. Of water resources has submitted its report regarding measurement of the discharge of river Sutlej and BudhaNallha.	The Drainage Department reported that discharge of BudhaNallah in river Sutlej is 290 CS. However, committee members were not agreed with it. The Deputy Commissioner, Ludhiana directed the drainage department to recheck & to resubmit the monthly detailed report showing average daily discharge so as to access the

					actual quantity of discharge in Buddha Nallah.
	(ii) To stop unauthorized discharge in the drains.			<p>1) Sewage is being discharged in Rakh drain, letter was sent to EO Macchiwara and SDM samrala measure are to taken by EO Macchiwara.</p> <p>3) Notices to village sarpanches and concerned BDPO have been issued and concerned police stations have also been instucted for taking legal action against the culprit dairy owners for throwing dairy waste in BudhaNallah.</p> <p>As per the proceeding of the meeting taken by the NGT Monitoring Committee on dated 13.02.2020, It was decided that MCL will issue the notices to the owners of dairies existing on BudhaNallah within MC limit for providing the settling tank of adequate capacity so as to control the flow of, solid material & Liquid into budhaNallah. Further, the same notices to the dairies located outside MC limit along BudhaNallah will be issued by PPCB. Accordingly notices to the 28 dairies located outside MC Limit has been issued by the PPCB.</p>	<p>The department of drainage informed that notice has been issued to the 45 dairies located at Sahnewal and Jamalpur.</p> <ul style="list-style-type: none"> • SEE PPCB informed that notice to the 28 dairies located outside MC Limit near bhamiankallan has been issued by the PPCB. • Chairperson directed that MCL will take the action against the diaries 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 has informed that tender has been floated by PWSSB. However timeline in this regard is yet to be submitted by	It was decided that the MCL to take the action in this regard as per the direction issued by the the monitoring committee

				MCL/PWSSB. As per the proceeding of meeting dated 13.02.2020 taken by NGT monitoring committee the outlets which can be easily connected to the existing sewerage system may be connected by 30.06.2020 by MCL and other outlets falling directly into BudhaNallah may be closed by 31.03.2021 with the commissioning of new STPs.	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		The MCL has informed that tender has been floated by PWSSB. However timeline in this regard is yet to be submitted by MCL/PWSSB. As per Sutlej Action Plan timelines are 31.12.2020. As per the proceeding of meeting dated 13.02.2020 taken by NGT monitoring committee timelines are 31.03.2021.	It was decided that the MCL & PEDA 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. NO representative of PEDA was present in the meeting the chairperson taken the serious view on it and directed to issue the Show Cause Notice to the Joint Director, PEDA.
	(ii) Provision of Bio-gas plants for the dairy complexes.		30 months from the date of demarcation of land i.e. by July 2022.	PEDA Informed that Soil Testing has been done at site in the last week of February 2020 along with contouring and survey etc. site has been mobilised in terms of levelling of site being huge debris and concrete blocks there. The levelling work is in	NO representative of PEDA was present in the meeting the chairperson taken the serious view on it and directed to issue the Show Cause Notice to the PEDA.

				progress to be followed by establishment of site campus. Sampling of cattle dung has also been taken for testing through Punjab Agricultural University Ludhiana. The PEDDA further informed that the Bio-gas plant at Haibowal Dairy complex is in working condition.	
18.	Shifting of scattered dairies from the City	Department of Local Government.		As per the proceeding of the meeting taken by the NGT Monitoring Committee on dated 13.02.2020, It was decided that MCL will issue the notices to the owners of dairies existing on BudhaNallah within MC limit for providing the settling tank of adequate capacity so as to control the flow of, solid material & Liquid into budhaNallah. Further, the same notices to the dairies located outside MC limit along BudhaNallah will be issued by PPCB. Accordingly notices to the 23 dairies located outside MC Limit has been issued by the PPCB.	<ul style="list-style-type: none"> The Health Officer of the MCL informed that they have issued the 194 Challans to the dairies Owners for shifting of dairies. The Chairperson stated that this matter is pending from long time and still it is pending on Challans and there is no positive outcome after challans. 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.
19.	Revival of Lower Buddha Nallah to use the treated waste water of Ludhiana City	Department of water Resources.	To prepare a detailed Action Plan in	The DWR has submitted its detailed report stating that this scheme is not feasible.	The officers of the Department of water Resources informed that BudhaNallah is a rainy water

	carried by Buddha Nallah for irrigation purposes.		consultation with MCL and PPCB		<p>drain, its levels are lower, hence this scheme is not technically feasible.</p> <p>SEE, PPCB informed that it was the very good proposal earlier prepared by the department of water resources and requested to got recheck its feasibility.</p> <p>The committee decided that the department of water resources will again recheck the feasibility for revival of Lower Buddha Nallah so as to use the treated waste water of Ludhiana City.</p>
20.	Shifting of small scale scattered dyeing units in Ludhiana	PSIEC & PPCB		<p>Total 46 small scale scattered dyeing units falls in Ludhiana city, as under:-</p> <ul style="list-style-type: none"> • In Industrial Area-A= 25 • At Jalandhar Bye Pass & GT Road = 11 • In Moti Nagar = 04 • At Tibba Road = 03 • In Other area = 03, <p>Out of above, 02 units are permanently closed. The industries located at Industrial Area-A are directed to constituted a SPV for installation of CETP. The Remaining scattered unit have been issued directions by the PPCB either to shift to the CETP compatible area</p>	<p>The PSIEC informed that there are 22 plots of different sizes developed PSIEC at Tajpur Road, Ludhiana near CETPs are lying vacant, which can be given to the scattered units.</p> <p>The chairperson decided that PPCB & PSIEC will coordinate together to check the feasibility of the same for shifting the scattered units. PSIEC shall also re-advertise for vacant plots.</p>

				or to achieve the ZLD technology.	
21.	Construction of Slaughter house and Caracass plant a. Modernization of existing slaughter house located at Ludhiana	Municipal Corporation, Ludhiana	25.01.2020	The work of construction of slaughter house has completed and trial for its commissioning has been taken successfully. Tender for its O & M has been invited and it will handed over to the successful bidder for operation and maintenance after approval.	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	As per the direction of the Hon'ble NGT EC of Rs. 2.29 Cr has been imposed on the each HaddaRodi operator. The Monitoring committed during its last visit on 13.02.2020 at haddarodi has directed to complete the work regarding installation of Caracass utilization plant by 30.06.2020 . The MCL has informed that the work of construction of caracass plant is being executed under smart city mission. The date for completion of plant is fixed for 10/2020 .	<ul style="list-style-type: none"> • It was informed by the chairperson that 5 sites have been identified 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. • It was decided that carcase plant must be completed by the 30.06.2020 as per the decision of the Monitoring Committee taken during its meeting dated 13.02.2020. • MCL was directed to submit the PERT chart for the establishment of the carcass plant within prescribed timeline.

	b. Installation of Caracass utilization plant.				
22.	Closure of HaddaRodis located at Ladhowal, Ludhiana.	District Administration		<p>The matter is now in the Court of Hon'ble NGT. The inspection of the site has been carried out by the monitoring committee Constituted by the Hon'ble NGT on 13.02.2020. The Hon'ble NGT vide its last order dated 05.02.2020 has directed the Deputy Commissioner, Ludhiana, Commissioner, Municipal Corporation, Ludhiana, CPCB & PPCB to file action taken. The next date of hearing in this case is fixed on 13.05.2020.</p> <p>As per the direction of the Hon'ble NGT the EC of Rs. 2.29 Cr has been imposed on the each HaddaRodi operator (5). The Monitoring committed during its last visit on 13.02.2020 at haddarodi has directed to complete the work regarding installation of Caracass utilization plant by 30.06.2020.</p> <p>The MCL has informed that the work of construction of caracass plant is being executed under smart city mission. The date for completion of plant is fixed for</p>	<ul style="list-style-type: none"> • It was informed by the chairperson that 5 sites have been identified 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. • It was decided that carcass plant must be completed by the 30.06.2020 as per the decision of the Monitoring Committee taken during its meeting dated 13.02.2020. • MCL was directed to submit the PERT chart for the establishment of the carcass plant within prescribed timeline.

				10/2020.	
23.	Stopping solid waste/ garbage being thrown into Buddha Nallah	Municipal Corporation, Ludhiana		The MCL has informed that estimate amounting to Rs. 1342.75 Lakh has already been prepared and technically vetted from technical committee local Govt. Punjab the case is sent for approval from CLTSC under smart city mission. The tender will be invited after getting approval.	It was decided that MCL will ensure the completion of the work related to it at the earliest.
24.	Installation of Online Continuous Monitoring System by 1. CETP for electroplating units	Punjab Pollution Control Board.	-	Already installed	Already installed
	2. CETP 50 MLD for dyeing cluster at TajpurRahon Road, Ludhiana		3 months after commissioning & stabilization of CETP.	CETP is 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 is 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.	Real time meter has been installed and yet to connect with server of the PPCB/CPCB. CETP has been Commissioned and under stabilization.	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 =64 OCEMS Installed =47 OCEMS Not Installed =17, 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 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	It was decided that Department of Water Resources will speed up the work related to it for timely completion of the same.

Item No. 2:- Industrial Effluent

Sr. No	Agenda Point	Concerned Department	Target/Timelines	Progress as on 29.02.2020	Decisions taken during meeting on 09.03.2020
	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 29.02.2020, regarding Civil work is 80%, Mechanical and overall is 50%.	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	Approx. 94 % civil work completed Overall 74 % Work completed.	The committee reviewed the progress and it was decided to speed up the work for earlier installation of the same. It was also informed that revised target date now fixed on 31.03.2020
	D. CETP 15 MLD for dyeing cluster at Bahadurke Road, Ludhiana.		30.06.2019	The CETP is complete and functional. 13 units have made connectivity with the CETP. The SPV has started the treatment of effluent of its member units in this CETP. The CETP is 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	Action against large scale scattered units who have not upgraded their captive ETPs by 31.12.2019 is under process.	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	Responsible Agency	Target/ Timeline	Progress as on 29.02.2020	Decisions taken during meeting on 09.03.2020
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 =44, Total units installed side hood =31, Total units not installed side hood =20, Action =03 units closed. 03 more unit 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 checkings.
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.	The representative of PPCB informed that presently there is no progress in this regard due to non-availability of CNG station. The representative of DFSC informed that 06 CNG gas stations has been made operation and 03 are under process. 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	Ludhiana=21 Converted to ZIG Zag Technology=13, BKO closed permanently = 06, Yet not converted = 02 Action against not converted = consents revoked and EC imposed. Khanna=6, all the 6 Brick Kilns have converted their Natural Draft Brick Kilns to Induced Draft Brick Kilns.	The Committee reviewed the progress and it was decided to speed up the work and to take the action against non-complaint units. The DFSC was directed to cancel the licenses of all the those brick kilns, whose reports has been sent by the PPCB to the DFSC & to submit the report in this regard in the next meeting.
4	CIE-4A: Control of Industrial Emissions	% of units found non-complying	PPCB	Regular Activity	Unit visited in upto Feb,2020 = 73 Unit found complying = 69 Unit found Not complying = 04 & action is under process. Data is Ludhiana &Khanna	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	Progress as on 29.02.2020	Decision taken during meeting on 09.03.2020
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.	The MCL Informed that the hot mix plant of MC is already made functional and patch work has been started on main roads first. PSIEC has informed that it relates to MCL as the	It was decided that the concerned Departments will do the same on regular basis.

					maintenance of Focal Point already handed over to MCL by PSIEC.	
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 it has deployed 4 water tankers with GPS system water sprinkling is being done on main road regularly.	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 it has deployed 4 water tankers for this purpose and no further water tankers are being purchased 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	-	The MCL informed that presently it is not planning to buy mechanical sweeping machines due to paucity of funds. Currently sweeping of roads is being done manually.	MCL to give concrete report in next meeting.
5	CRD-4A: Creation of green buffers along road side	No. of trees/shrubs planted out of 12000 Nos.	MCL, PSIEC	Regular Activity	The MCL has informed that it has already planted 12003 no. of plants to create green buffers along road side. Further planation will be restarted as the weather is suitable for plantation. PSIEC has informed that it relates to MCL as the maintenance of Focal Point already handed over to MCL by PSIEC.	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 it has already planted 24205 no. of plants at vacant lands like park and open areas. Further planation will be restarted as the weather is suitable for plantation.	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 it has already installed fountains at various intersection, where space is available. Presently no water fountain is to be installed in any other intersection.	-
8	CRD-7A: Kaccha/Brick Paved Roads to be made Pucca roads	Katcha / Brick Paved roads made pucca roads out of 10.06 Km.	MCL, PUDA		The MCL has informed that out of 10.6 KM roads, 5.8 KM has already been metaled and the balance work will be completed after the hot mix plants are operational. PSIEC has informed that it relates to MCL as the maintenance of Focal Point already handed over to MCL by PSIEC. However, PSIEC floated the tender for construction of 21 Km road network in the IFP Ludhiana and the funds for the same have to be borne by State Govt.	it was decided that the 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		The MCL has informed that 65.5 KM of roads has already been recarpetted. The work of the balance road stopped due to winter season. Now it is being restarted soon.	It was decided that the concerned Departments will do the same on regular basis & will submit the report on monthly basis.
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 work of laying interlocking tiles on side beams of Gill road has already 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	Progress as on 29.02.2020	Decision taken during meeting.
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 42 Public awareness campaigns were carried out in Feb, 2020.	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 347 vehicle found creating pollution & 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 concerned department informed that the work in this regard is regularly being carried out.	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	The report in this regard is awaited from the transport department.	No representative from the transport attendant the meeting & also not submitted any report. It was viewed very seriously & decided to issue Show cause notice to the concerned for not attending the meeting and sending the report.
5	CVE-10: Promotion of E-Vehicles	Policy matter	Transport	Regular activity.	The report in this regard is awaited from the transport department.	
6	CVE-11A: Infrastructure development for additional of CNG based autos/taxis	No. of additional CNG stations	Transport /DFSC	Regular activity.	The report in this regard is awaited from the transport department.	

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

Sr No.	Activity	Unit of Measurement/ Performance Indicator	Responsible Agency	Targets/ Timeline	Progress as on 29.02.2020	Decision taken during meeting 09.03.2020.
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 WO for construction of 126 no of pucca pits in various parks. Out of which 24 nos of pucca pits has already been constructed in rose garden. More no of pucca pits are being constructed on other park also.	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 as on 29.02.2020	Decision taken during meeting on 09.03.2020
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 Informed that total no. of inspection carried out =3068. No. of challans issued =570. 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.
2	CCDA-1B: Enforcement of C& D waste Rules – non complying sites	% of non-complying sites from the inspected sites	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.
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 it has notified 6 no. of sites for disposal of C & D waste.	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 has Informed that direction has been issued to the 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	Progress as on 29.02.2020	Decision taken during meeting on 09.03.2020
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 specification are under process.	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 specification is under process.	The committee reviewed the progress and it was decided to ensure the target timelines.
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 63 DG sets were inspected in Feb, 2020 Out of which 01 DG set was found not complying. Action is under process.	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	The MCL informed that regular monitoring in this regard is being done by the PSPCL as decided in the meeting of AQMC.	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 63 DG sets were inspected in Feb, 2020 Out of which 01 DG	The committee reviewed the progress and directed for regular monitoring& will

					set was found not complying. Action is under process.	submit the report on monthly basis.
8	COS-5: Source Apportionment Study	Yet to start / Already done	PPCB	Already done by PSCST, Chandigarh, Final report is to be submitted.	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.

(vii) Stubble Burning - Due to seasonal activities this item was not discussed in the meeting

(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			Timeline	Progress as on 29.02.2020	Decision taken during meeting on 09.03.2020
			Within M.C limit	Outside M.C Limit	Other			
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	Directions to be issued by District Magistrate u/s 144 of Cr.P.C.	M.C	DDPO	Police	Regular activity.	Regular activity.	It was decided that the concerned departments will to do the same on regular basis& will submit the report on monthly basis.

	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							
2	Marriage Palace/Hotels/Banquet Halls	Permission to be given by District Magistrate, Sub Divisional Magistrate or 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. 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. 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. Management of marriage palace/DJ parties/owners of	M.C	DDPO	Police	Regular activity.	Regular activity.	It was decided that the concerned departments will to do the same on regular basis& will submit the report on monthly basis.

		privately owned sound system or sound producing instruments etc. shall display the permissible timings and noise limits at a prominent place.						
3	Fireworks	Fireworks, generating sound level exceeding 125 dB (AI) or 145 dB (C) pk 1 noise from four 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.	M.C	DDPO	Police	Seasonal activity.	Regular activity.	It was decided that the concerned departments will 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	Regular activity.	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	The ambient air quality standards	M.C & DTP			-	The DTP	-

	for mixed land use.	in respect of noise for different zones shall be as prescribed under Rule 3(1) of Noise Pollution (Regulation & Control) Rules, 2000, which are reproduced as under:-				Ludhiana vide its letter no. 140 dated 17.01.2020 has submitted the report in this 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	Decision taken during visit.
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		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	PPCB will ensure the same
5	No of authorized E-Waste recyclers / Dismantler	[Nos] / [None]	PPCB	Regular Activity	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	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	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	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	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/Time line	Decision taken during visit.
MI1	Inventory of Mining in District				
1	Type of Mining Activity	[Sand Mining] / [Iron Ore] / [Bauxite] / [Coal] / Other [specify] Multiple selection in order of magnitude of operations	Department of Water Resources.		Department of Water resources will regularly monitor in this regard& will submit the report on monthly basis.
2	No of Mining licenses given in the District	[Nos]	Department of Water Resources.		
3	Area covered under mining	[Sq Km]	Department of Water Resources.		
4	Area of District	[Sq Km]	Department of Water Resources.		
5	Sand Mining	[Yes] / [No]	Department of Water Resources.		
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	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	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	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	
1	No of Mining operations suspended for violations to environmental norms	[Nos]	Department of Water Resources	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	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 09.03.2020
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	DDLG & Concerned EOs	

	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		
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	Decision taken during meeting on 09.03.2020
Management of Municipal Solid Waste	100% door to door collection of solid waste shall be achieved by 29/02/2020.	Municipal Corporation, Ludhiana	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		
	Adequate number of compost pits for onsite composting in all the parks of the city Ludhiana shall be provided by 31/3/2020.		
	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.		
	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.		
	For the scientific disposal of inert material, all the five cells of sanitary land fill shall be commissioned before 30/06/2020.		
	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.		

	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.		
	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.		
	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.		
	Sweeping in commercial, public places and residential area shall be started twice a day time and atleast once in night time by 29/2/2020.		
	Municipal Corporation, Ludhiana shall make all the 18 material recovery facilities in operation by 31.03.2020.		
	Green belt and boundary wall all around solid waste dumping site may be provided by 30/6/2020.		
	On all the sites located for management of C&D waste, work for procurement of machinery may be started by 31.03.2020.		
	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	MCL/ PPCB	MCL & PPCB will comply with the same.

	sampling of these points twice in a year.		
	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.		MCL to comply with the same
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 Pollution Control Board under intimation to the Monitoring committee.	Joint Committee of Municipal Corporation, Ludhiana/ Drainage/ DDPO/ Sewerage Board/ PPCB/ DDLG	The concerned departments will comply with the same.

C. Management of Bio- Medical Waste

Issue	Action to be taken	Concerned Department
Management of Bio- Medical Waste	PPCB shall ensure that authorization to all the healthcare facilities shall granted by 30/4/2020.	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	
	PPCB shall ensure that all the healthcare facilities shall install ETP by 30/06/2020.	

In the end of the meeting the Chairperson decided 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. It was also decided by the chairperson that in the next meeting all the SDMs should also be called.

The meeting ended with vote of thanks to the Chair

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